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Mayor



Bruce C. McClure  
Director

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Deputy Director

**County of Hawai'i**  
**DEPARTMENT OF PUBLIC WORKS**  
Aupuni Center  
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April 9, 2007

Ms. Genevieve Salmonson, Director  
Office of Environmental Quality Control  
235 S. Beretania Street, Suite 702  
Honolulu, Hawaii 96813

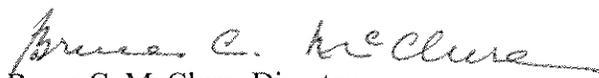
Subject: Final Environmental Assessment (FEA)/Finding of No Significant Impact (FONSI)  
Public Safety Complex Parking and Impound Lot  
TMK: (3) 2-4-25: 44, 46 and portion of 28, South Hilo, Island of Hawaii

Dear Ms. Salmonson:

The County of Hawaii, Department of Public Works, has reviewed the comments received regarding the Draft Environmental Assessment prepared for the subject project and has made the necessary revisions to address those comment. Based on the foregoing, we have determined that the subject project will not have a significant environmental effect. As such, the Department of Public Works has issued a Finding of No Significant Impact (FONSI) for the subject project. Please publish a notice of this finding in your next edition of *The Environmental Notice*.

We have enclosed a completed OEQC Publication Form, and four copies of the Final Environmental Assessment. The project summary previously transmitted for the Draft EA may be utilized since there were no changes to the project description. Please call David Yamamoto at (808) 961-8004 if you have any questions.

Sincerely,

  
Bruce C. McClure, Director

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QUALITY CONTROL

2007-04-23 - HI - FEA -  
PUBLIC SAFETY COMPLEX

APR 23 2007

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**FINAL ENVIRONMENTAL ASSESSMENT AND  
FINDING OF NO SIGNIFICANT IMPACT**

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**PUBLIC SAFETY COMPLEX  
PARKING AND IMPOUND LOT**

Tax Map Key (3) 2-4-25: 44, 46 and portion of 28  
South Hilo, Island of Hawaii

April, 2007

Prepared For:  
COUNTY OF HAWAII  
DEPARTMENT OF PUBLIC WORKS  
101 AUPUNI STREET, SUITE 7  
HILO, HAWAII 96720-8360

OFFICE OF ENVIRONMENTAL  
QUALITY CONTROL

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Prepared By:  
BRIAN T. NISHIMURA, PLANNING CONSULTANT  
101 Aupuni Street  
Suite 217  
Hilo, Hawaii 96720-4221

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## **1. INTRODUCTION**

### **1.1 Purpose**

The County of Hawaii, Department of Public Works (DPW) is proposing to develop a parking lot that will serve the employees of the Hawaii Public Safety Building and will also serve as a storage area for impounded/confiscated vehicles in the district of South Hilo, Island of Hawaii. The property involved is situated on the east side of Kapiolani Street, approximately 100 feet south of the Kapiolani Street-Kukuau Street intersection, at Kukuau 1st, South Hilo, Island of Hawaii, Tax Map Key 2-4-25: 44, 46 and portion of 28. (See Figure 1 – Location Map and Figure 2 - Tax Plat Map) The proposed use of County land and County funds triggers environmental requirements for the preparation of an Environmental Assessment (EA), in compliance with Chapter 343, Hawaii Revised Statutes.

The County owns the subject property and is proposing to utilize approximately 34,000 square feet of land to expand and improve an existing parking lot serving the Hawaii County Public Safety Building. Parcel 44 is currently vacant and consists of 12,277 square feet of land. Parcel 46 consists of 13,133 square feet and is currently unimproved but is being utilized as a parking area. Parcel 28 includes an existing driveway access and paved parking stalls in addition to the existing Public Safety Building.

### **1.2 Identification of Proposing Agency**

The County of Hawaii, Department of Public Works (DPW) is the proposing agency for the project. Mr. Bruce C. McClure is the Director of the Department of Public Works whose business address is 101 Pauahi Street, Suite 7, Hilo, Hawaii 96720-8360.

### **1.3 Identification of Approving Agency**

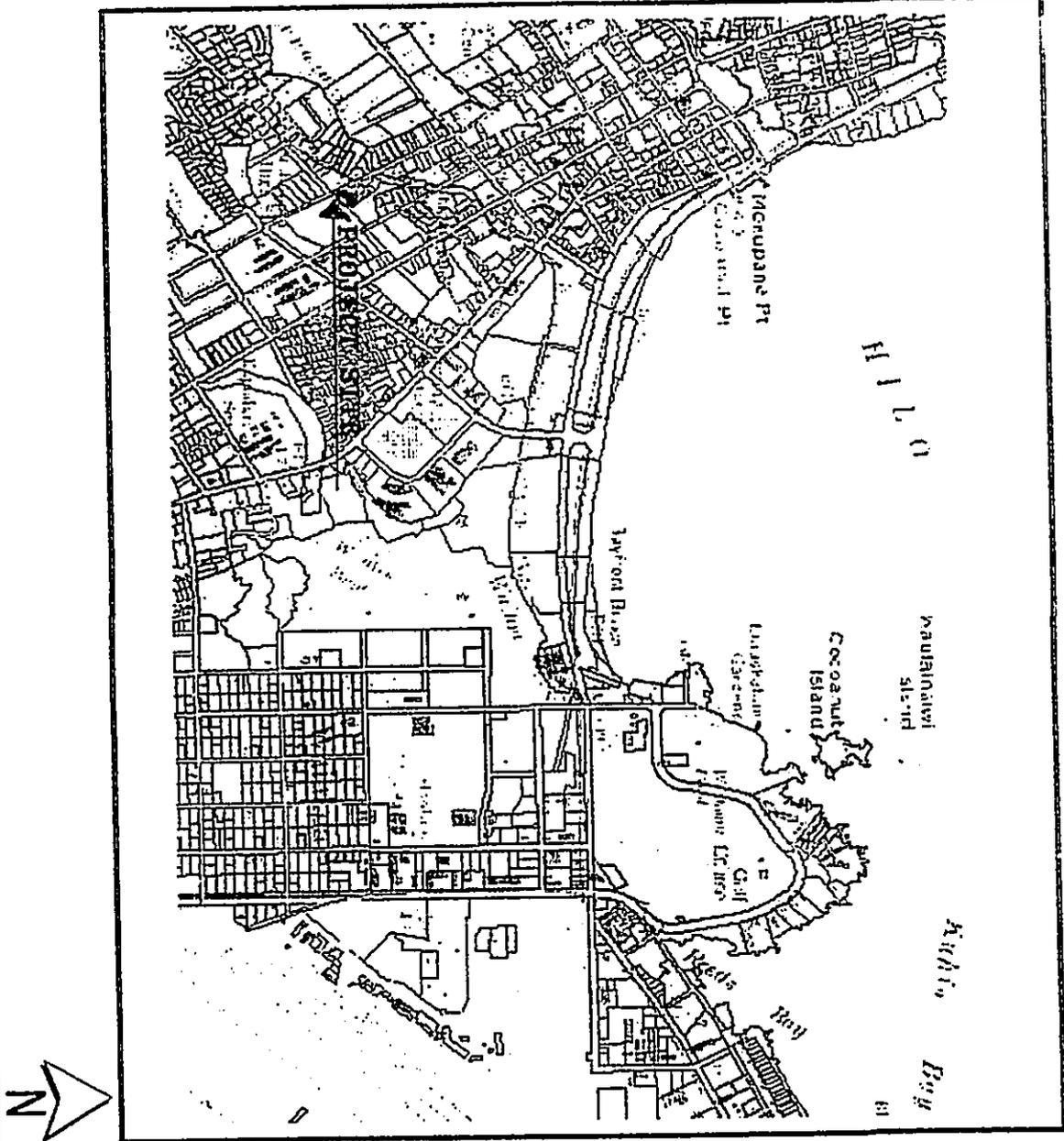
In accordance with Chapter 343, HRS, the Mayor of the County of Hawaii is the appropriate accepting authority of the Environmental Assessment.

### **1.4 Technical Description**

The County is proposing to utilize approximately 34,000 square feet to expand and improve an existing parking lot serving the Hawaii County Public Safety Building. The parking lot will be utilized by the County employees as well as a storage area for impounded/confiscated vehicles and will not be utilized by the general public. A preliminary site plan has been developed showing a total net increase of 77 new parking stalls, 36 of which will be utilized for impound parking. Improvements will include a 6' high chain link fence, landscaping and paved parking area. (See Figure 3 - Preliminary Site Plan) The proposed parking lot will utilize the existing driveway access on the northern end of parcel 28 so no new access on to Kapiolani Street will be constructed.

ESRI ArcExplorer 2.0

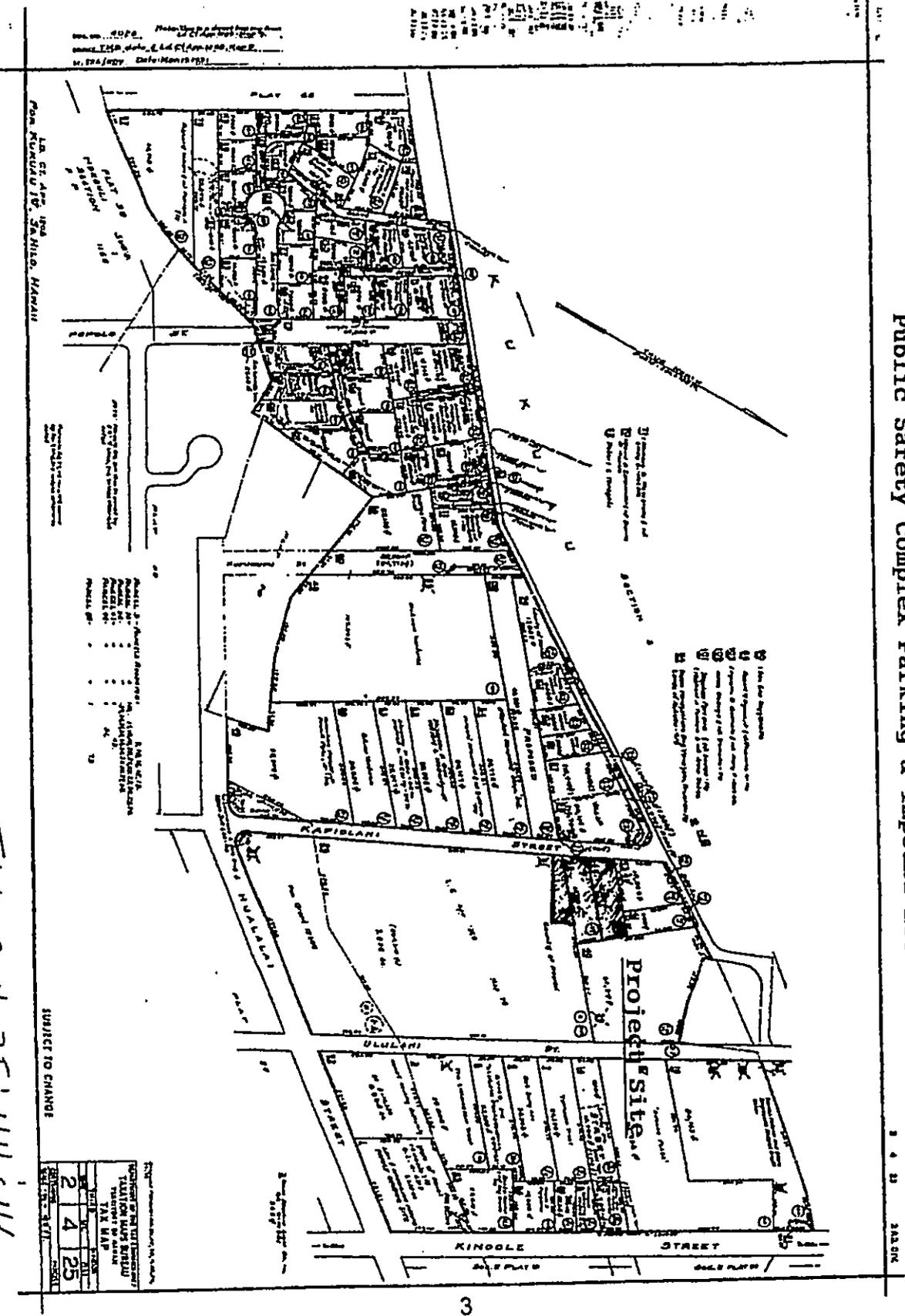
FIGURE - 1 LOCATION MAP



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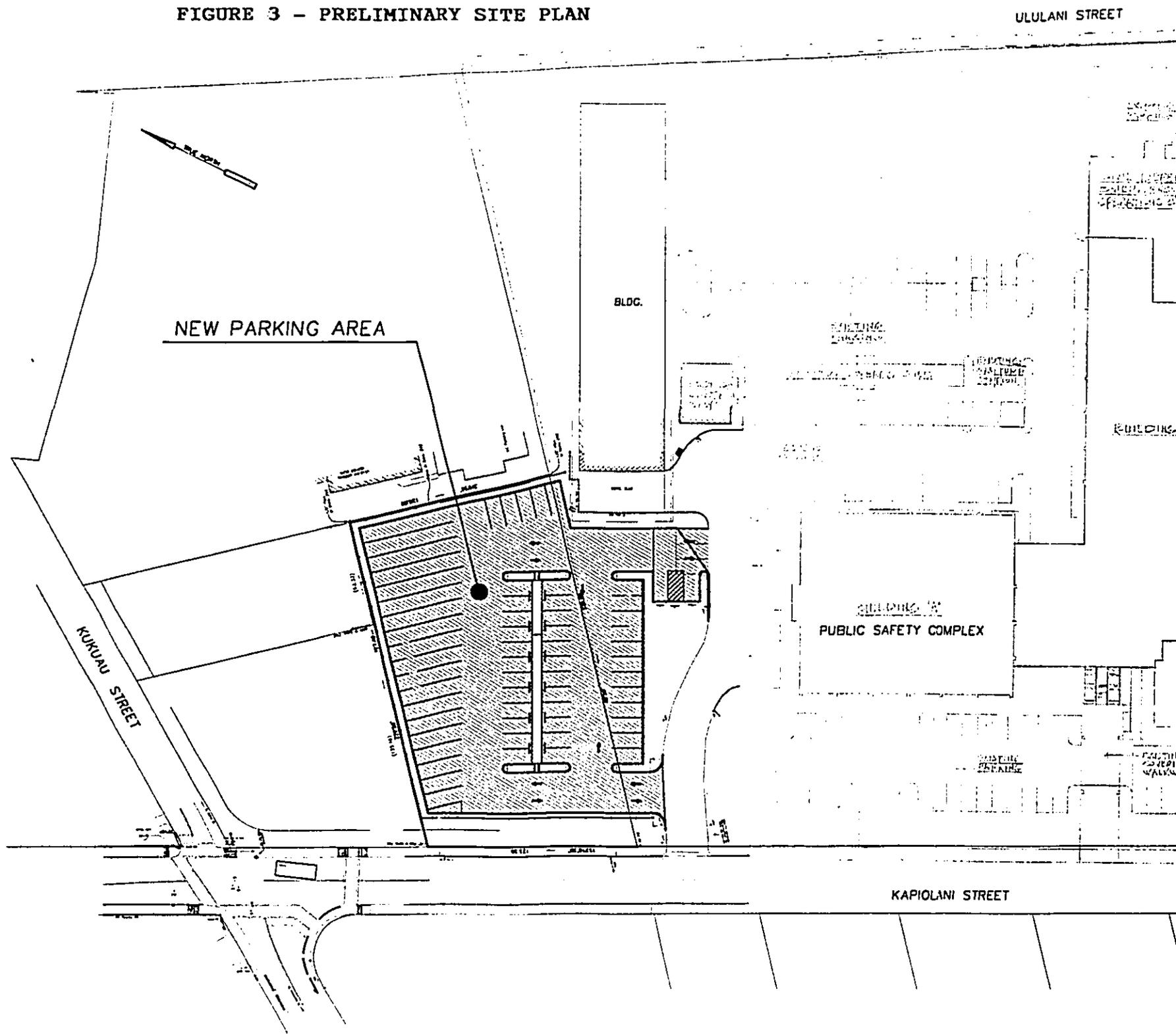
Public Safety Complex Parking & Impound Lot

FIGURE 2 - TAX PLAT MAP

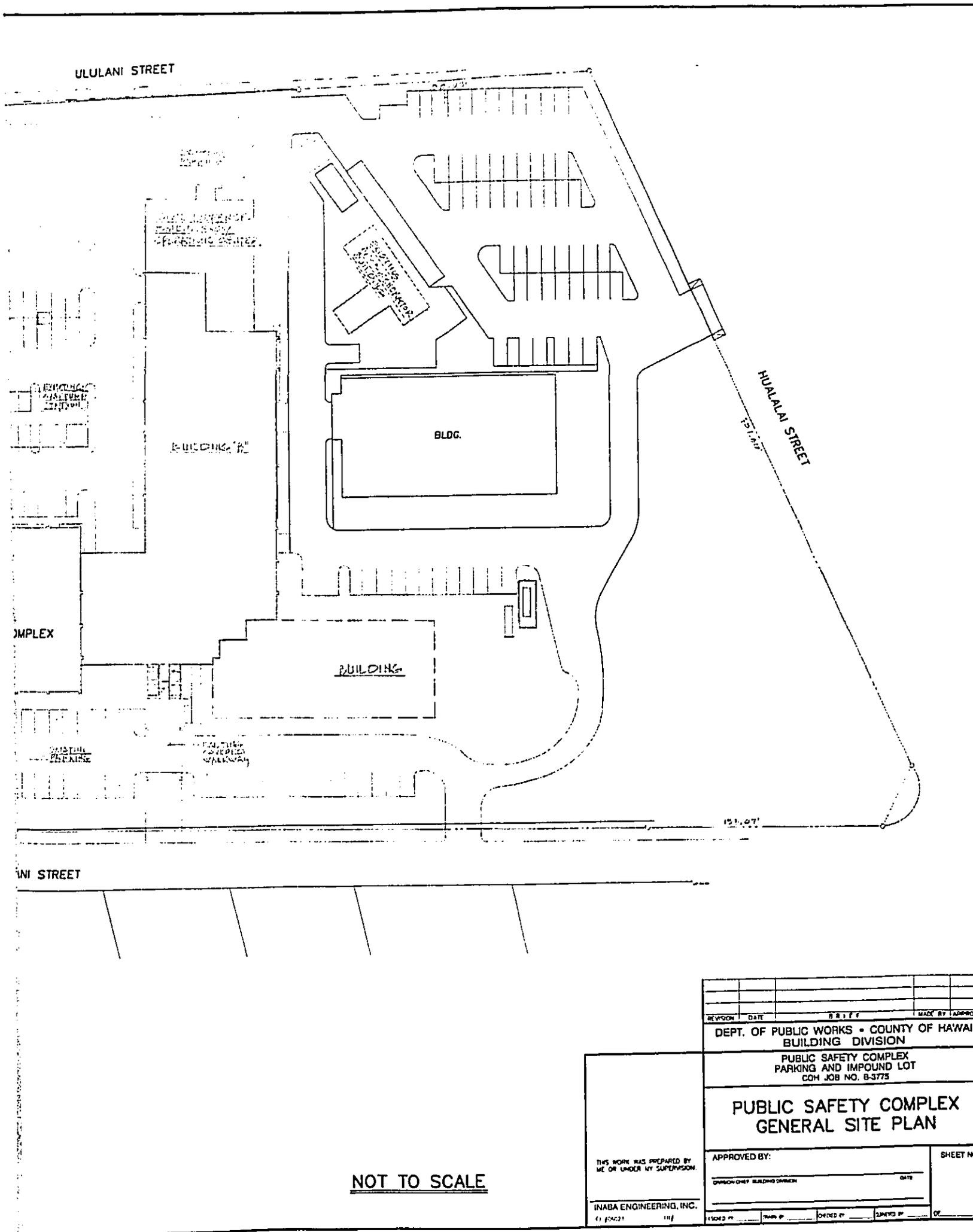


TRK: 2-4-25, 44 & 46  
Partion 28

FIGURE 3 - PRELIMINARY SITE PLAN



DOCUMENT CAPTURED AS RECEIVED



REVISION	DATE	BY	APPROVED
DEPT. OF PUBLIC WORKS - COUNTY OF HAWAII BUILDING DIVISION			
PUBLIC SAFETY COMPLEX PARKING AND IMPOUND LOT COM JOB NO. B-3775			
<b>PUBLIC SAFETY COMPLEX GENERAL SITE PLAN</b>			
APPROVED BY:			SHEET NO.
DIVISION CHIEF BUILDING DIVISION			DATE
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION INABA ENGINEERING, INC. 11/15/02			
15000 FT	SCALE	DRAWN BY	CHECKED BY

The chain link fence and landscaping will be installed along the perimeter boundaries of the project area to provide security and a visual buffer. Landscaping plants will consist of 'Akia, Ohi'a lehua and green Ti-leaf plants

The estimated construction cost for the proposed project is \$300,000. Construction is expected to commence in mid-year, 2007, and be completed within three months thereafter.

## **1.5 Project Background**

### **1.5.1 Need for the Project**

County employees working at the Public Safety Building are currently utilizing a portion of parcel 46 as an unimproved parking lot because the existing parking facilities are inadequate. In addition, additional parking is required to provide a secure space for impounded/confiscated vehicles. The proposed improvements will provide a safe and secure space to accommodate the needs of the employees as well impounded/confiscated vehicles at the Public Safety Building.

### **1.5.2 Land Use Designations**

The subject property is situated within the State Land Use Urban District. The County General Plan Land Use Pattern Allocation Guide Map (LUPAG) designates this area as "High Density Urban". The county zoning designation for the project area is Multiple Residential one thousand (RM-1). Public use facilities owned or managed by the County to fulfill a governmental function for public benefit are allowed in any district provided that the Planning Director has issued Plan Approval for such use.

The proposed project is not situated within the Special Management Area designated by the County of Hawaii. The project does not involve the placement, erection or removal of materials, nor increase the intensity of use in the Coastal Zone. The proposed project is consistent with all State and County land use designations and regulations.

### **1.5.3 Listing of Permits and Approvals**

The following list of permits and approvals may be required for the proposed project:

County of Hawaii

Department of Public Works  
Planning Department

Approval-Project Construction Plans  
Plan Approval

## **1.6 Agency and Public Consultation**

The following public and private agencies and individuals were consulted during the preparation of this environmental assessment:

# **CORRECTION**

THE PRECEDING DOCUMENT(S) HAS  
BEEN REPHOTOGRAPHED TO ASSURE  
LEGIBILITY  
SEE FRAME(S)  
IMMEDIATELY FOLLOWING

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Planning Department

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Plan Approval

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The following public and private agencies and individuals were consulted during the preparation of this environmental assessment:

United States Fish and Wildlife Service, Division of Ecological Services  
State of Hawaii, Department of Health  
State of Hawaii, Department of Land and Natural Resources, Division of Forestry and  
Wildlife and the State Historic Preservation Division  
State of Hawaii, Department of Transportation  
State of Hawaii, Department of Hawaiian Home Lands  
State of Hawaii, Office of Hawaiian Affairs  
County of Hawaii, Planning Department  
County of Hawaii, Department of Public Works  
County of Hawaii, Department of Water Supply  
County of Hawaii, Police Department  
County of Hawaii, Fire Department  
County of Hawaii, Department of Environmental Management  
Adjacent Property Owner, Barnes-Hunt Inc.  
Adjacent Property Owner, Sydney Y./Patricia L. Tatsuno  
Adjacent Property Owner, Charles Mauro  
Adjacent Property Owner, Neal K./Nadine J. Nakashima  
Adjacent Property Owner, Hawaii Radiologic Associates, Ltd.  
Adjacent Property Owner, Clinical Laboratories of Hawaii  
Adjacent Property Owner, Miles Nakatsu  
Adjacent Property Owner, Phyllis Robinson  
Adjacent Property Owner, Joseph A./Heajung Ruesing  
Adjacent Property Owner, Young Rhan Kim  
Adjacent Property Owner, Hoon/Chung Ja Park FAM Ltd.  
Adjacent Property Owner, Chalmers K. Hamasaki TR and Elaine E. Hamasaki TR  
Adjacent Property Owner, 43 Kapiolani LLC

## 2. ENVIRONMENTAL SETTING

### 2.1 Physical Environment

#### 2.1.1 Geology and Hazards

##### *Environmental Setting*

The project area is located on the lower northeastern slopes of Mauna Loa and consists of the Kau volcanic series (Stems and Macdonald, 1946). The Kau volcanic series consists mainly of basaltic lava flows.

The volcanic hazard as assessed by the United States Geological Survey for the project area is "3" on a scale of ascending risk 9 to 1 (Heliker 1990). Zone "3" includes the lower slopes of Mauna Loa which are "gradationally less hazardous than Zone 2 because of greater distance from recently active vents and/or because the topography makes it less likely that flows will cover these areas."

The island of Hawaii is one of the most seismically active areas in the world and has experienced more than twenty large earthquakes (magnitude 6 or larger) over the past 166 years. (Wyss and Koyanagi, 1992) Magnitude 6 earthquakes can be expected to cause structural damage to non-reinforced buildings. The Building Code rating for the entire island of Hawaii is seismic Zone 4 which has the highest risk for seismic activity.

##### *Impacts*

The proposed project will not expose the parking lot or the general public to any additional hazard risk not already experienced in the entire district of South Hilo.

#### 2.1.2 Soils

##### *Environmental Setting*

The U.S.D.A., Soil Conservation Services Soil Survey of the Island of Hawaii classifies the soil of the subject property as Keaukaha extremely rocky muck with 6 to 20 percent slopes (rKFD). The Keaukaha series consists of well-drained, thin organic soils over pahoehoe lava bedrock. Permeability is rapid, runoff is slow, and the erosion hazard is slight. This soil has a capability subclass rating of VII<sub>s</sub> which indicates very severe limitations that make them generally unsuited to cultivation and limit their use largely to pasture or range, woodland, or wildlife. (U. S. Soil Conservation Service, 1973) The subject property is designated as an urban area and was not given a soil rating by The Land Study Bureau. (Land Study Bureau, 1965)

The project area is not listed as either *Prime, Other, or Unique Agricultural Land* on the State Department of Agriculture's Agricultural Lands of Importance to the State of Hawaii (ALISH) map.

### *Impacts*

Given the Urban designation, the RM-1 zoning designation and very poor agricultural capability and productivity ratings of the soil, no adverse impact on agricultural soils or uses are anticipated as a result of the proposed project.

### **2.1.3 Climate**

#### *Environmental Setting*

Hawaii's climate is generally characterized as mild with uniform temperatures, moderate humidity, and two identifiable seasons. The "summer" season, between May and October is generally warmer and drier. The "winter" season, between October and April is cooler and wetter. The project area is situated along the "windward" side of the Island of Hawaii which is exposed to northeasterly trade winds that causes relatively high rainfall (over 150 inches annually). The average monthly minimum temperature in Hilo ranges from the mid 60's to 70 degrees Fahrenheit while the average monthly maximum temperature ranges from the high 70's to the high 80's. (University of Hawaii Press, 1983)

### *Impacts*

Climatic conditions will not have a significant impact on the proposed project.

### **2.1.4 Hydrology and Drainage**

#### *Environmental Setting*

The project site is designated Zone X (Areas determined to be outside the 500-year flood plain) on the Flood Insurance Rate Map (FIRM) prepared by the Federal Emergency Management Agency.

#### *Impacts and Mitigation Measures*

Development of the proposed project has the potential to increase surface runoff. The proposed project will adhere to County and State requirements for disposing of runoff and addressing drainage concerns. As such, no adverse drainage impacts are anticipated as a result of the proposed project.

### **2.1.5 Flora and Fauna**

#### *Environmental Setting*

The entire project area has been previously cleared and graded and utilized for urban uses. Parcels 44 and 46 have been vacant for many years. Parcel 44 is overgrown with the vegetation dominated by gunpowder trees. No candidate, proposed, or listed threatened or endangered species as set forth in the

Endangered Species Act of 1973, as amended are known from this area and given the extent of prior disturbance by earthmoving equipment, it is highly unlikely that any are present on the subject property.

Although a faunal survey was not conducted, it is highly unlikely that any candidate, proposed, or listed threatened or endangered species would be found on the project site. This is due to the extensive prior disturbance of the project site by earthmoving equipment and the extensive urban development surrounding the project site including major streets, residences, commercial and public services.

#### *Impacts*

No listed, candidate or proposed endangered animal or plant species are likely to be found on the proposed project site. As such, no significant adverse effects on these species or their habitat is expected as a result of the proposed project.

#### **2.1.6 Air Quality**

##### *Environmental Setting*

Pollutants derived from the volcanic emissions from the ongoing Kilauea eruption affect the subject area. Other sources of air pollutants to a limited degree include vehicle emissions and dust from vehicles along Kapiolani Street. In general, however, the ambient air quality of the project area meets all federal and state standards as evidenced by its designation as an "attainment" area by the State Department of Health, Clean Air Branch.

##### *Impacts and Mitigation Measures*

Short term impacts resulting from construction activity include dust and exhaust from machinery involved in the construction of the proposed parking lot. The contractor will be required to comply with the appropriate fugitive dust requirements of the State Department of Health.

#### **2.1.7 Noise**

##### *Environmental Setting*

Existing noise levels are typical of an urban residential/commercial setting, which is affected primarily by traffic on the adjacent streets. The project site is not situated in close proximity to any significant noise generators such as airports, industrial activity or major highways. The closest airport is situated approximately two miles east of the project site.

##### *Impacts and Mitigation Measures*

Temporary noise impacts will occur from construction activities of the project and are unavoidable. Mitigation measures can be taken, however, to minimize noise impacts including the use of mufflers and implementing construction curfew

periods. The contractors will be required to comply with the appropriate noise requirements of the State Department of Health. Upon completion of the parking lot, noise levels should be similar to existing conditions.

### **2.1.8 Scenic and Open Space Resources**

#### *Environmental Setting*

The project area is situated within the urban center of the City of Hilo with views limited by surrounding buildings and the existing vegetation on surrounding properties. The Natural Beauty section of the Hawaii County General Plan does not include any natural beauty sites that would be affected by the proposed project.

#### *Impacts*

The proposed project will not have a significant impact on the scenic views or open space resources of the South Hilo district.

### **2.1.9 Aquifers and Wetlands**

#### *Environmental Setting*

The project area is within the Hilo aquifer system, which has a sustainable yield of approximately 347 million gallons per day.

The project area is not situated within or adjacent to a wetland identified by or delineated on maps issued by the U.S. Department of Interior, Fish and Wildlife Service. In addition, the proposed project is not located in an area designated by the U.S. Environmental Protection Agency (EPA) as being supported by a sole source aquifer.

#### *Impacts*

The proposed project will not have any adverse impact on any wetland or aquifer resource.

## **2.2 Social, Cultural and Economic Setting**

### **2.2.1 Socio-Economic Characteristics**

#### *Setting*

Hawaii County's population increased by more than 56,000 persons between 1980 and 2000. Between 1980 and 1990, Hawaii Island's population increased by 30.7 percent, and increased by 23.6 percent between 1990 and 2000. The April 1, 2000 population figure for Hawaii County was 148,677 according to census figures compiled by the County of Hawaii, Department of Research and Development.

The South Hilo district had a population of 47,386 in 2000 which represented approximately 32 percent of the total population for Hawaii Island. The City of Hilo is the largest population center on the island with the main offices of the county government, branch offices of federal and state agencies located there. The island's major deep draft harbor and international airport are also located in Hilo. In addition to industrial, commercial and social service activities, the University of Hawaii at Hilo and Hawaii Community College and affiliated research programs play an important role in Hilo's economy.

Hilo and the rest of the east Hawaii communities are adjusting to the loss of the sugar industry in the mid 1990's. Industrial activities that remain include quarrying, construction material manufacturing and fabrication, storage, wholesaling facilities, garment manufacturing, processing and packaging of agricultural products and supportive services to businesses. Although the district enjoys some economic benefit from tourism, much of it is indirect through the spin-offs from the primary tourism activity in West Hawaii.

#### *Impacts*

The proposed parking lot will have a beneficial socioeconomic impact by providing a safe and secure space to accommodate the needs of the employees as well impounded/confiscated vehicles at the Public Safety Building.

### **2.2.2 Adjacent Land Uses**

#### *Existing Setting*

The project area is situated within the urban center of the City of Hilo with multi-family residential units, single family residential, commercial offices and public services and facilities.

#### *Impacts and Mitigation Measures*

The proposed parking lot will not alter the character of the existing land use pattern of the surrounding properties which is a mix of residential and commercial in nature. Temporary noise and dust impacts during the construction of the parking lot will have to be mitigated to minimize impacts to the surrounding residences and businesses. The contractor will be required to implement dust control and noise mitigation measures during construction.

## **2.3 Public Facilities and Services**

### **2.3.1 Roads and Traffic**

#### *Setting*

The public roadway providing access to the site is Kapiolani Street which is a two-lane county roadway within a 40 foot wide right-of-way and a pavement width of approximately 28 feet. The City of Hilo Zone Map shows Kapiolani Street is

planned for widening to a 60 foot wide right-of-way. As such, a 10-foot wide future road widening strip is delineated on both sides along Kapiolani Street and affects the subject parcels.

*Impacts*

The proposed project will not have a significant impact on the roads and traffic in the area because traffic flow along Kapiolani Street will not be disrupted. Minimal impacts may result from the additional traffic generated by delivery vehicles for equipment and materials. The 10-foot wide future road widening strip is delineated on the plans and the proposed improvements will not encroach into this area.

**2.3.2 Water**

*Existing Setting*

The Department of Water Supply has indicated that the nearest waterlines are an existing 8-inch waterline within Kapiolani Street fronting parcel 28 which ends approximately 80 feet from the southern boundary of Parcel 46, and an existing 6-inch line within Kukuau Street. The proposed project will not include any plans for water connections for the parking lot.

*Impacts:*

The proposed parking lot will not have any impact on the existing Department of Water Supply sources or transmission system because no water connections are being proposed.

**2.3.3 Wastewater**

*Existing Setting*

The proposed project will not include any wastewater disposal facility.

*Impacts*

The proposed parking lot will not have any impact on wastewater or sewage disposal systems.

**2.3.4 Electricity, Telephone and Cable T.V.**

*Existing Setting*

The propose project will not utilize electricity, telephone or cable TV services.

*Impacts*

The proposed project will not have any impact on the existing capacity of these services.

### **2.3.5 Solid Waste**

#### *Existing Setting*

The proposed project will not generate any solid waste other than the green waste that will be generated during land clearing at the time of construction.

#### *Impacts and Mitigation Measures*

The contractor will be required to dispose of the green waste in compliance with the requirements of the Department of Environmental Management.

### **2.3.6 Protective Services**

#### *Existing Setting*

Protective services including fire, police, rescue and medical services are located in close proximity to the project site. The Police Station is situated adjacent to the project site with fire and hospital facilities located within 2 miles.

#### *Impacts*

The proposed project will not create an additional burden on the existing protective service providers.

### **2.3.7 Recreation Facilities**

#### *Existing Setting*

The proposed project will not have any impacts on recreational facilities located in the district.

#### *Impacts*

The proposed project will not create an additional burden on existing recreational facilities.

## **2.4 Archaeology, Historic and Cultural Resources**

### *Setting*

An archaeological and historical literature search for lands in the Hilo Bay region was conducted by Holly McEldowney in 1979 as part of a Lava Flow Control Study prepared for the U.S. Army Engineer Division. McEldowney described a basic pattern for land use within five environmental zones which included the following: 1)

Zone I from sea level to roughly 20 to 50 foot elevation, Coastal Settlement Zone; 2) Zone II ranging between 50 to the 1,500 foot elevation, Upland Agricultural; 3) Zone III generally between the 1,500 to the 2,500 foot elevation, Lower Forest Zone; 4) Zone IV ranging between the 2,500 to the 5,500 foot elevation, Rainforest Zone; and 5) Zone V above the 5,500 foot elevation, Sub-Alpine or Montane Zone. The project site for the proposed Public Safety Complex Parking and Impound Lot is located within the Zone II area described as the Upland Agricultural Zone. Excerpts from McEldowney's study as presented in *He Wahi Mo'olelo no Ponahawai ma Hilo, A Collection of Traditions and Historical Accounts for Ponahawai and Punahoa, District of Hilo, Island of Hawaii*, prepared by Kumu Pono Associates in 2002, are provided below to provide a more detailed description of the land utilization of the Hilo area within of the Coastal Settlement Zone, Zone I and the Upland Agricultural Zone, Zone II.

#### **Zone I Coastal Settlement**

The highest number of people in the early historic period, and subsequently the highest site probabilities, are found in this zone from sea level to roughly 20 to 50 ft elevation or ½ mile inland. Early descriptions, as well as the distribution of known sites, suggests that structures representing both permanent and/or temporary use occur along the entire coast.

In 1823, Ellis estimated that 2,000 people lived in 400 houses or huts along Hilo Bay. Consistently, this village was described as a nearly continuous complex of native huts and garden plots interspersed with shady groves of trees, predominantly breadfruit (*Artocarpus altilis*) and coconut (*Cocos nucifera*)...Gardens, outlined by windbreaks or small plantations of banana (*Musa hybrids*), sugarcane (*Saccharum officinarum*), and *wauke* (*Broussonetia papyrifera*) were primarily planted with dryland taro, mixed with sweet potatoes (*Ipomoea batatas*) and minor vegetable crops. Other economically valuable trees, mostly Polynesian introductions (e.g., *Eugenia malaccensis*, *Pandanus odoratissimus*, *Thespesia populnea*, *Aleurites moluccana*) grew singularly or as components of these groves (McEldowney 1979: 15-16).

#### **Zone II Upland Agricultural Zone**

The extent of this zone varies in early journals, but most confirm that an expanse of unwooded grasslands or a "plain" behind Hilo town extended up to approximately the 1,500 ft elevation (i.e., the edge of the forest). Scattered huts, emphasized by adjacent garden plots and small groves of economically beneficial tree species, dotted this expanse.

The cumulative effects of shifting agricultural practices (i.e., slash-and-burn or swidden), prevalent among Polynesian and Pacific peoples, probably created and maintained this open grassland mixed with pioneering species and species that tolerate light and regenerate after a fire... With remarkable consistency, early visitors to Hilo Bay describe an open parkland gently sloping to the base of the woods. This open but verdant expanse, broken by widely spaced "cottages" or huts, neatly tended gardens, and small clusters of trees... Estimates as to the extent of this unwooded expanse ranged from between five

and six miles (Goodrich 1826:4) to between three and four miles (Coan 1882:29) above the coast or village, with most falling between four or five miles.

The constituents of gardens and tree crops in the village basically continued in the upland except that dry-land taro was planted more extensively and bananas were more numerous... This same pattern occurred between Waiākea Pond and the Pana'ewa Forest in the four or five miles of open country dominated by tall grasses. Here stands of kukui (*Aleurites moluccana*), pandanus, and mountain apple became more conspicuous with large areas of dryland taro planted in rocky crevices on the younger Mauna Loa flows... (McEldowney 1979:18-20).

The literature search has indicated that project area was likely utilized as an area of shifting agricultural use with garden plots or groves of economically beneficial trees. Urbanization and land clearing with heavy equipment has eliminated any resources that may have been previously utilized in the area. As such, it would be highly unlikely to find surface or subsurface archaeological resources within the project area. In addition, there is no evidence of any traditional and customary Native Hawaiian rights being practiced on the site.

#### *Impacts and Mitigation Measures*

Based on the extensive prior disturbance of the subject property it is highly unlikely that any valued archaeological, floral or faunal resources remain. As such, the proposed project is anticipated to have "no effect" on significant historic sites or cultural activities. In accordance with Section 6E-46.6, Hawaii Revised Statutes and Chapter 13-300, Hawaii Administrative Rules, if any significant cultural deposits or human skeletal remains are encountered during construction, the contractor will be instructed to stop work in the immediate vicinity and the State Historic Preservation Division shall be contacted.

### **3. SUMMARY OF POTENTIAL ADVERSE ENVIRONMENTAL IMPACTS AND PROPOSED MITIGATION MEASURES**

#### **3.1 Short Term Impacts**

##### *Construction Activity:*

**Impacts:** Short term impacts will result from the proposed construction activity including increased noise levels, dust and exhaust from machinery involved in the construction of the parking lot. Mitigation measures will be implemented to minimize the potential impacts of these construction activities.

**Mitigation:** The contractor will be instructed to utilize best management practices to minimize all impacts including the use of mufflers and implementing construction curfew periods. State Department of Health regulations regarding noise and dust will be adhered to during construction.

#### **3.2 Long Term Impacts**

##### *Drainage and Erosion:*

**Impacts:** Development of the proposed project has the potential to increase surface runoff and flooding in the area.

**Mitigation:** The proposed project will adhere to County and State requirements for disposing of runoff and addressing drainage concerns. As such, no adverse drainage impacts are anticipated as a result of the proposed project.

##### *Historic Sites:*

**Impacts:** Although unlikely, the proposed project has the potential to destroy historic sites situated within the project area.

**Mitigation:** The contractor will be instructed to comply with the instructions of the State Historic Preservation division in the event that historic resources, including human skeletal remains, are identified during construction activities, all work in the immediate vicinity must cease and the State Historic Preservation Division must be contacted immediately.

## 4. ALTERNATIVES

### 4.1 No Action

If the proposed parking lot is not built on the subject property, the County will evaluate other public purposes for utilizing the County property. There are no other alternative plans that are being considered at this time. In the mean time, the parking facilities for the Public Safety Building will remain inadequate and employees will continue to utilize parcel 46 as an unimproved parking lot.

### 4.2 Alternative Sites

There are no other alternative sites available for the proposed project which are situated adjacent to the existing Public Safety Building. Although other sites may exist, they are not located in appropriate locations will generate more significant impacts and will be more costly to develop

## 5. DETERMINATION, FINDINGS AND REASONS FOR SUPPORTING DETERMINATION

### 5.1 Significance Criteria

According to the Department of Health Rules (11-200-1.2), an applicant or agency must determine whether an action may have a significant impact on the environment, including all phases of the project, its expected consequences both primary and secondary, its cumulative impact with other projects, and its short and long-term effects. In making the determination, the Rules establish "Significance Criteria" to be used as a basis for identifying whether significant environmental impact on the environment if it meets any one of the following thirteen criteria.

**1. Involves an irrevocable commitment to loss or destruction of any natural or cultural resources.**

The proposed project involves the construction of a parking lot utilizing approximately 34,000 square feet of land that has been previously disturbed by heavy equipment during grubbing/grading activity. The project site is currently vacant and does not contain any significant natural or cultural resources.

**2. Curtails the range of beneficial uses of the environment.**

The project area has been lying vacant for many years. The proposed parking lot and related improvements will not foreclose alternative uses of the property for future consideration.

**3. Conflicts with the State's long-term environmental policies or goals and guidelines as expressed in Chapter 344, HRS; and any revisions thereof and amendments thereto, court decisions, or executive orders.**

The proposed development is consistent with the Environmental Policies established in Chapter 344, HRS, and the National Environmental Policy Act.

**4. Substantially affects the economic or social welfare of the community or state.**

The proposed project will have a beneficial socioeconomic impact by providing a safe and secure space to accommodate the needs of the employees as well impounded/confiscated vehicles at the Public Safety Building.

**5. Substantially affects public health**

The proposed project does not substantially affect public health. Any construction related impacts of noise, dust and emissions will be mitigated by compliance with the State Department of Health Administrative Rules.

**6. Involves substantial secondary impacts, such as population changes or effects on public facilities.**

The proposed project, in and of itself, will not have any substantial secondary impacts. The proposed improvements are intended to address the existing parking related needs of the Public Safety Building.

**7. Involves a substantial degradation of environmental quality.**

The proposed parking lot will not alter the character of the existing land use pattern of the surrounding properties which are primarily residential and commercial in nature. Impacts generated by the proposed project will be minimal and will not involve a substantial degradation of environmental quality.

**8. Is individually limited but cumulatively has considerable effect on the environment, or involves a commitment for larger actions,**

The proposed project will not have any substantial secondary impacts because it is not a generator of growth. The proposed project does not involve a commitment for larger actions and will not induce other actions having a cumulative effect on the environment.

**9. Substantially affects a rare, threatened or endangered species or its habitat.**

The proposed project will not have any substantial adverse effect on any rare, threatened or endangered species or its habitat.

**10. Detrimentially affects air or water quality or ambient noise levels.**

Short term impacts will result from the proposed construction activity including increased noise levels, dust and exhaust from machinery involved in the construction activity. The contractor will be instructed to utilize best management practices to minimize all impacts including the use of mufflers and implementing construction curfew periods. State Department of Health regulations must be adhered to during construction. Given the relative short construction time period, the potential impacts of these construction activities should be minimal.

**11. Affects or is likely to suffer damage by being located in an environmentally sensitive area, such as a flood plain, tsunami zone, beach, erosion-prone area, geologically hazardous land, estuary, freshwater, or coastal waters.**

The project site is not located in an environmentally sensitive area. The flood designation is Zone X (Areas determined to be outside the 500-year flood plain) and the volcanic hazard risk is the same as the entire city of Hilo. All construction activity will be in compliance with current code requirements.

**12. Substantially affects scenic vistas and view planes identified in county or state plans or studies.**

The proposed project will not have a significant impact on the scenic views of the coastline, ocean and horizon of the area. The project area is situated within the urban center of the City of Hilo with views limited by surrounding buildings and vegetation.

**13. Requires substantial energy consumption.**

The proposed project will not require substantial energy consumption.

**5.2 Findings**

Based on the foregoing information presented, it is determined that the proposed parking lot will not have a significant effect. As such, a Finding of No Significant Impact for the proposed project is appropriate.

**5.3 Reasons Supporting Determination**

The nature and scale of the proposed action is such that no significant environmental effects are anticipated. Potential impacts, if any, can be mitigated through careful construction management practices and compliance with all governmental requirements including those of the Department of Public Works and State Department of Health.

## REFERENCES

County of Hawaii. February 2005. The General Plan (Internet Version). Hilo, Hawaii.

Hawaii Department of Water Supply. December, 1991. Hawaii County Water Use and Development Plan. Hilo, Hawaii.

Heliker, C. 1990. Volcanic and Seismic Hazards on the Island of Hawaii. Washington: GPO.

Kumu Pono Associates. 2003. *HE WAHI MO'OLELO NO PONAHAHAWAI A ME PUNAHOA MA HILO, A Collection of Traditions and Historical Accounts for Ponoahawai and Punahoa, District of Hilo, Island of Hawaii*. Included as Appendix E of the Environmental Report prepared for the University Terrace Master Planned Community Rezoning Application on behalf of the Western United Life Assistance Company metropolitan Mortgage and Securities, Inc.

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McEldowney, Holly. 1979. *Archaeological and Historical Literature Search and Research Design. Lava Flow Control Study, Hilo, Hawaii*. Prepared for U.S. Army Engineer Division, Pacific Ocean, Honolulu, by Department of Anthropology, B.P. Bishop Museum.

U.S. Soil Conservation Service. 1973. Soil Survey of the Island of Hawaii, State of Hawaii. Washington: USDA.

University of Hawaii at Manoa, Dept. of Geography. 1983. Atlas of Hawaii. 2<sup>nd</sup> ed. Honolulu: University of Hawaii Press.

**APPENDIX A - REPRODUCTION OF COMMENTS MADE DURING THE PRE-ASSESSMENT CONSULTATION PERIOD**

1. State of Hawaii, Department of Hawaiian Home Lands, from Micah A. Kane, Chairman, dated November 30, 2006.
2. State of Hawaii, Department of Health, from Donn A. Hashimoto, Acting District Environmental Health Program Chief, dated November 24, 2006.
3. State of Hawaii, Office of Hawaiian Affairs, from Clyde W. Nāmu'o, Administrator, dated December 15, 2006.
4. Department of Land and Natural Resources, Division of Forestry and Wildlife, from Paul J. Conry, Administrator, dated November 29, 2006.
5. County of Hawaii, Fire Department, from Darryl Oliveira, Fire Chief, dated December 1, 2006.
8. County of Hawaii, Police Department, from Elroy Osorio, Jr., Assistant Police Chief, Administrative Services Bureau, dated November 28, 2006.
9. County of Hawaii, Planning Department, from Christopher J. Yuen, Director, dated December 27, 2006.
10. County of Hawaii, Department of Water Supply, from Milton D. Pavao, Manager, dated December 15, 2006.

LINDA LINGLI  
GOVERNOR  
STATE OF HAWAII



STATE OF HAWAII  
DEPARTMENT OF HAWAIIAN HOME LANDS  
P.O. BOX 1879  
HONOLULU, HAWAII 96805

MICAH A. KANE  
CHAIRMAN  
HAWAIIAN HOMES COMMISSION  
BEN HENDERSON  
DEPUTY TO THE CHAIRMAN  
KAULANA IL PARK  
EXECUTIVE ASSISTANT

November 30, 2006

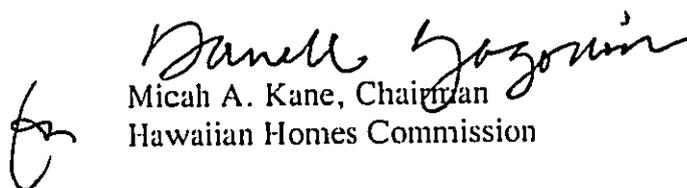
Mr. Brian T. Nishimura  
Planning Consultant  
101 Aupuni Street, Suite 217  
Hilo, Hawaii 96720-4221

Dear Mr. Nishimura:

Thank you for the opportunity to participate in the early consultation phase in preparation of a draft Environmental Assessment report on the proposed expansion and improvements to the County of Hawaii's Public Safety Complex. The Department of Hawaiian Home Lands has no comments.

Should you have any questions, please call the Planning Office at (808) 586-3836.

Aloha and mahalo,

  
Micah A. Kane, Chairman  
Hawaiian Homes Commission

LINDA LINGLE  
GOVERNOR



CHIYOME L. FUKINO, M.D.  
Director of Health

STATE OF HAWAII  
DEPARTMENT OF HEALTH  
P.O. BOX 916  
HILO, HAWAII 96721-0916

November 24, 2006

Mr. Brian T. Nishimura  
Planning Consultant  
101 Aupuni Street, Suite 217  
Hilo, Hawaii 96720-4221

Dear Mr. Nishimura:

Subject: Pre-Environmental Assessment Consultation  
Applicant: County of Hawaii, Department of Public Works  
Public Safety Complex – Parking and Impound Lot  
Tax Map Key (3) 2-4-25:44, 46 & Portion of 28

Underground Injection Systems (Ph. 586-4258) which receive wastewater or storm runoffs from the proposed development need to address the requirements of Chapter 23, Hawaii State Department of Health Administrative Rules, Title 11, "Underground Injection Control."

The Department of Health (DOH), Clean Water Branch (CWB), acknowledges receipt of the subject document on November 24, 2006. The CWB has reviewed the limited information contained in the subject document and offers the following comments:

1. The Army Corps of Engineers should be contacted at (808) 438-9258 for this project. Pursuant to Federal Water Pollution Control Act (commonly known as the "Clean Water Act" (CWA)), Paragraph 401(a)(1), a Section 401 Water Quality Certification (WQC) is required for "[a]ny applicant for Federal license or permit to conduct any activity including, but not limited to, the construction or operation of facilities, which may result in any discharge into the navigable waters...". The term "discharge" is defined in CWA, Subsections 502(16), 502(12), and 502(6); Title 40, Code of Federal Regulations, Section 122.2, and Hawaii Administrative Rules (HAR), Chapter 11-54.
2. In accordance with HAR, Sections 11-55-04 and 11-55-34.05, the Director of Health may require the submittal of an individual permit application or a Notice of Intent (NOI) for general permit coverage authorized under the National Pollutant Discharge Elimination System (NPDES).

- a. An application for an NPDES individual permit is to be submitted at least 180 days before the commencement of the respective activities. The NPDES application forms may also be picked up at our office or downloaded from our website at <http://www.hawaii.gov/health/environmental/water/cleanwater/forms/individual-index.html>.
- b. An NOI to be covered by an NPDES general permit is to be submitted at least 30 days before the commencement of the respective activity. A separate NOI is needed for coverage under each NPDES general permit. The NOI forms may be picked up at our office or downloaded from our website at: <http://www.hawaii.gov/health/environmental/water/cleanwater/forms/general-index.html>.
  - i. Storm water associated with industrial activities, as defined in Title 40, Code of Federal Regulations, Sections 122.26(b)(14)(i) through 122.26(b)(14)(ix) and 122.26(b)(14)(xi). [HAR, Chapter 11-55, Appendix B]
  - ii. Construction activities, including clearing, grading, and excavation, that result in the disturbance of equal to or greater than one (1) acre of total land area. The total land area includes a contiguous area where multiple separate and distinct construction activities may be taking place at different times on different schedules under a larger common plan of development or sale. An NPDES permit is required before the commencement of the construction activities. [HAR, Chapter 11-55, Appendix C]
  - iii. Discharges of treated effluent from leaking underground storage tank remedial activities. [HAR, Chapter 11-55, Appendix D]
  - iv. Discharges of once through cooling water less than one (1) million gallons per day. [HAR, Chapter 11-55, Appendix E]
  - v. Discharges of hydrotesting water. [HAR, Chapter 11-55, Appendix F]
  - vi. Discharges of construction dewatering effluent. [HAR, Chapter 11-55, Appendix G]
  - vii. Discharges of treated effluent from petroleum bulk stations and terminals. [HAR, Chapter 11-55, Appendix H]

- viii. Discharges of treated effluent from well drilling activities. [HAR, Chapter 11-55, Appendix I]
  - ix. Discharges of treated effluent from recycled water distribution systems. [HAR, Chapter 11-55, Appendix J]
  - x. Discharges of storm water from a small municipal separate storm sewer system. [HAR, Chapter 11-55, Appendix K]
  - xi. Discharges of circulation water from decorative ponds or tanks. [HAR, Chapter 11-55, Appendix L]
2. In accordance with HAR, Section 11-55-38, the applicant for an NPDES permit is required to either submit a copy of the new NOI or NPDES permit application to the State Department of Land and Natural Resources, State Historic Preservation Division (SHPD), or demonstrate to the satisfaction of the DOH that the project, activity, or site covered by the NOI or application has been or is being reviewed by SHPD. If applicable, please submit a copy of the request for review by SHPD or SHPD's determination letter for the project.
  3. Any discharges related to project construction or operation activities, with or without a Section 401 WQC or NPDES permit coverage, shall comply with the applicable State Water Quality Standards as specified in HAR, Chapter 11-54.

Hawaii Revised Statutes, Subsection 342D-50(a) requires that "[n]o person, including any public body, shall discharge any water pollutants into state waters, or cause or allow any water pollutant to enter state waters except in compliance with this chapter, rules adopted pursuant to this chapter, or a permit or variance issued by the director."

If you have any questions, please contact Mr. Alec Wong, Supervisor of the Engineering Section, CWB, at (808) 586-4309.

Construction activities must comply with the provisions of Hawaii Administrative Rules, Chapter 11-46, "Community Noise Control."

1. The contractor must obtain a noise permit if the noise levels from the construction activities are expected to exceed the allowable levels of the rules.
2. Construction equipment and on-site vehicles requiring an exhaust of gas or air must be equipped with mufflers.
3. The contractor must comply with the requirements pertaining to construction activities as specified in the rules and the conditions issued with the permit.

Should there be any questions on this matter, please contact the Department of Health at

Christopher J. Yuen  
Page 4 of 4  
November 24, 2006

933-0917.

We recommend that you review all of the Standard Comments on our website:  
[www.state.hi.us/health/environmental/env-planning/landuse/landuse.html](http://www.state.hi.us/health/environmental/env-planning/landuse/landuse.html). Any comments  
specifically applicable to this project should be adhered to.

Sincerely,



Donn A. Hashimoto  
Acting District Environmental Health  
Program Chief, Hawaii

WORD:Pre-Environmental Assessment-Public Safety Complex.my

PHONE (808) 594-1888

FAX (808) 594-1865



**STATE OF HAWAII**  
**OFFICE OF HAWAIIAN AFFAIRS**  
711 KAPI'OLANI BOULEVARD, SUITE 500  
HONOLULU, HAWAII 96813

HRD06/2827

December 15, 2006

Brian T. Nishimura, Planning Consultant  
101 Aupuni Street, Suite 217  
Hilo, Hawaii'i 96720-4221

**RE: Pre-Environmental Assessment for the Proposed Expansion of the County of Hawaii'i Department of Public Works Public Safety Complex Parking Impound Lot, South Hilo, Hawaii'i, TMK (3) 2-4-25: 44, 46 & 28 (por).**

Dear Mr. Nishimura,

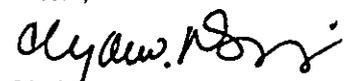
The Office of Hawaiian Affairs (OHA) is in receipt of your November 29, 2006 submission and offers the following comments:

Our staff looks forward to reviewing the Draft Environmental Assessment upon completion. Thank you for your continued correspondence.

OHA asks that, in accordance with Section 6E-46.6, Hawaii Revised Statutes and Chapter 13-300, Hawaii Administrative Rules, if the project moves forward, and if any significant cultural deposits or human skeletal remains are encountered, work shall stop in the immediate vicinity and the State Historic Preservation Division (SHPD/DLNR) shall be contacted.

Thank you for the opportunity to comment. If you have further questions or concerns, please contact Jesse Yorck, Native Rights Policy Advocate, at (808) 594-0239 or [jessey@oha.org](mailto:jessey@oha.org).

Aloha,

  
Clyde W. Nāmu'o  
Administrator

C: Lukela Ruddle  
OHA Community Affairs Coordinator (Hilo)  
162 A Baker Avenue  
Hilo, HI 96720-4869

LINDA LINGLE  
GOVERNOR OF HAWAII



STATE OF HAWAII

DEPARTMENT OF LAND AND NATURAL RESOURCES  
DIVISION OF FORESTRY AND WILDLIFE  
1151 PUNCHBOWL STREET  
HONOLULU, HAWAII 96813

November 29, 2006

PETER T. YOUNG  
DIRECTOR  
DEPARTMENT OF LAND AND NATURAL RESOURCES

ROBERT K. MASUDA  
DEPUTY DIRECTOR FOR LAND

DEAN NAKANO, Acting  
DEPUTY DIRECTOR FOR  
THE DIVISION OF  
WILDLIFE AND FORESTRY MANAGEMENT

WATER RESOURCES  
BOATING AND RECREATION  
SUSTAINABLE WATER RESOURCE  
MANAGEMENT  
CONSERVATION AND COASTAL LANDS  
CONSERVATION AND  
RESOURCES ENFORCEMENT  
SUSTAINABLE  
FORESTRY AND WILDLIFE  
HISTORIC PRESERVATION  
KAPUOLAILEI ISLAND RESERVE  
COMMISSION  
LAND MANAGEMENT  
STATE PARKS

Mr. Brian T. Nishimura  
Planning Consultant  
101 Aupuni Street, Suite 217  
Hilo, Hawaii 96720-4221

Dear Mr. Nishimura:

Subject: Pre-Environmental Assessment Consultation, County of Hawaii,  
Department of Public Works, Proposed Public Safety Complex  
Parking and Impound Lot, Hilo, Hawaii TMK: (3) 2-4-25: 44, 46 &  
por. of 28.

We appreciate the opportunity to comment on your subject request. Department of Land and Natural Resources, Division of Forestry and Wildlife has no objections to your proposed parking and impound lot at the Public Safety Complex in Hilo as it will not impact any of our management programs. No further consultation is needed from DOFAW. Thank you for the opportunity to comment on your project.

Sincerely yours,

A handwritten signature in cursive script that reads "Paul J. Conry".

Paul J. Conry  
Administrator

Harry Kim  
Mayor



Darryl J. Oliveira  
Fire Chief

Glen P. I. Honda  
Deputy Fire Chief

## County of Hawai'i

### FIRE DEPARTMENT

25 Aupuni Street • Suite 103 • Hilo, Hawai'i 96720

(808) 961-8297 • Fax (808) 961-8296

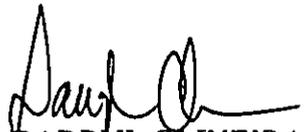
December 1, 2006

Brian T. Nishimura  
101 Aupuni Street, Suite 217  
Hilo, Hawaii 96720

**SUBJECT: PRE-ENVIRONMENTAL ASSESSMENT CONSULTATION**  
Applicant: County of Hawaii, Department of Public Works  
Public Safety Complex – Parking and Impound Lot  
**TAX MAP KEY: (3)2-2-25:44, 46 & Portion of 28**

---

We have no comments to offer at this time in reference to the above-mentioned Pre-Environmental Assessment Consultation.

  
DARRYL OLIVEIRA  
Fire Chief

PBE:lpc



Harry Kim  
Mayor



Lawrence K. Mahuna  
Police Chief

Harry S. Kubojiri  
Deputy Police Chief

County of Hawaii

POLICE DEPARTMENT

349 Kapiolani Street • Hilo, Hawaii 96720-3998  
(808) 935-3311 • Fax (808) 961-8869

November 28, 2006

Mr. Brian T. Nishimura  
Planning Consultant  
101 Aupuni Street, Suite 217  
Hilo, Hawaii 96720

Dear Mr. Nishimura:

RE: PRE-ENVIRONMENTAL ASSESSMENT CONSULTATION  
APPLICANT: COUNTY OF HAWAII, DEPARTMENT OF PUBLIC WORKS  
PUBLIC SAFETY COMPLEX—PARKING AND IMPOUND LOT  
TAX MAP KEY (3)2-4-25:44, 46 & PORTION OF 28

Staff has reviewed the above subject matter, and in response to your correspondence dated November 22, 2006, the department has no other comments and objections to this pre-environmental assessment at this time.

Thank you for soliciting our input into this matter, and we look forward to the proposed expansion and improvements to the Public Safety Building area.

Sincerely,

ELROY OSORIO, JR.  
ASSISTANT CHIEF  
ADMINISTRATIVE SERVICES BUREAU

EO:jh

Harry Kim  
Mayor



Christopher J. Yuen  
Director

Brad Kurokawa, ASLA  
LEED® AP  
Deputy Director

County of Hawaii  
PLANNING DEPARTMENT  
101 Pauahi Street, Suite 3 • Hilo, Hawaii 96720-3043  
(808) 961-8288 • FAX (808) 961-8742

December 27, 2006

Mr. Brian T. Nishimura  
Planning Consultant  
101 Aupuni Street, Suite 217  
Hilo, HI 96720-4221

Dear Mr. Nishimura:

Pre-Environmental Assessment Consultation  
Applicant: County of Hawaii, Department of Public Works  
Public Safety Complex – Parking and Impound Lot  
Tax Map Key: 2-4-25: 44, 46 & Portion of 28

This is in response to your letter of November 22, 2006, requesting comments for the proposed County Public Safety Complex – Parking and Impound Lot project. We provide you with the following comments:

1. The project area will consist of approximately 34,000 square feet. This area will include Parcel 44 consisting of 12,277 square feet, Parcel 46 consisting of 13,133 square feet, and a portion of Parcel 28 consisting of 8,590 square feet.
2. The project area is designated by the County's General Plan Land Use Pattern Allocation Guide (LUPAG) Map as High Density Urban, State Land Use Urban District, and County zoned Multiple Family Residential (RM-1).
3. The City of Hilo Zone Map shows Kapiolani Street is planned for widening to 60 feet right-of-way. As such, a 10-foot wide future road widening is delineated on both sides along Kapiolani Street and affects the subject parcels.

Mr. Brian T. Nishimura  
Page 2  
December 27, 2006

4. Plan Approval, which also includes landscaping requirements, will be required for the proposed project prior to construction.
5. The Environmental Assessment should include discussion on the surrounding uses and whether or not the proposed project will have any impacts on those uses, and include, if any, measures to mitigate those impacts.

Thank you for the opportunity to provide comments during the pre-environmental assessment consultation period.

Should you have any questions, please feel free to contact Alice Kawaha of this department at 961-8288, Ext. 203.

Sincerely,



CHRISTOPHER J. YUEN  
Planning Director

AK:cd

p:\wpwin60\alicewin\L.Nishimura PublicSafetyComplexParking 2-4-25:44,46&28



DEPARTMENT OF WATER SUPPLY • COUNTY OF HAWAII

345 KĒKŪANAO'A STREET, SUITE 20 • HILO, HAWAII 96720

TELEPHONE (808) 961-8050 • FAX (808) 961-8657

December 15, 2006

Mr. Brian T. Nishimura  
Planning Consultant  
101 Aupuni Street, Suite 217  
Hilo, HI 96720-4221

**PRE-ENVIRONMENTAL ASSESSMENT CONSULTATION  
PARKING AND IMPOUND LOT  
TAX MAP KEY 2-4-025:028 (PORTION), 044, AND 046**

This is in response to your Pre-Environmental Assessment Consultation letter of November 22, 2006.

Please be informed that the nearest waterlines are an existing 8-inch waterline within Kapiolani Street fronting Parcel 28, which ends approximately 80 feet from the southern boundary of Parcel 46, and an existing 6-inch waterline within Kukuau Street approximately 120 feet from the northern boundary of Parcel 44. Parcel 28 currently has three meters installed to it that include two 3-inch meters and one 1-inch meter as well as one 6-inch detector check meter. Parcels 44 and 46 do not have existing services.

Based on the proposed land use, the Department would request that the applicant submit estimated maximum daily water usage calculations, prepared by a professional engineer licensed in the State of Hawai'i, for review and approval, to determine the water needs of the project. The water usage calculations should include the estimated peak flow in gallons per minute and the total estimated maximum daily water usage in gallons per day, including all irrigation/landscaping use.

As Parcels 44 and 46 do not front the existing 8-inch waterline within Kapiolani Street, the existing 8-inch waterline would need to be extended to front those parcels in order to provide water service to them. For each meter installed to provide irrigation water, a reduced pressure type backflow prevention assembly must be installed within five feet of the meter on private property. The installation of the backflow prevention assembly(s) must be inspected and approved by the Department before water commencement of water service. The applicant would also need to execute an irrigation agreement with the Department.

Should there be any questions, please contact Mr. Finn McCall of our Water Resources and Planning Branch at 961-8070, extension 255.

Sincerely yours,

Milton D. Pavao, P.E.  
Manager

FM:sco

*... Water brings progress...*

**APPENDIX B - REPRODUCTION OF COMMENTS RECEIVED DURING THE 30-DAY  
PUBLIC COMMENT PERIOD**

1. State of Hawaii, Office of Environmental Quality Control, from Genevieve Salmonson, Director, dated March 7, 2007.  
Response: County of Hawaii, Department of Public Works, from Bruce C. McClure, P.E., Director, dated April, 2007.

LINDA LINGLE  
GOVERNOR OF HAWAII



GENEVIEVE SALMONSON  
DIRECTOR

STATE OF HAWAII  
OFFICE OF ENVIRONMENTAL QUALITY CONTROL  
235 SOUTH BERETANIA STREET  
SUITE 702  
HONOLULU, HAWAII 96813  
TELEPHONE: (808) 586-4185  
FACSIMILE: (808) 586-4186  
E-mail: oeqc@health.state.hi.us

March 7, 2007

Bruce McClure  
Dept. of Public Works  
101 Pauahi St., #7  
Hilo, HI 96720

Attn: David Yamamoto

Subject: **Public Safety Complex Parking & Impound Lot**

Dear Mr. McClure:

We have the following comments to offer:

**Figures:** In figure 3 denote the existing parking lot in relation to the new configuration.

**Landscaping:**

Hawaii Revised Statutes 103D-408 requires the use of native Hawaiian flora whenever and wherever possible. In the final EA indicate if you will follow this requirement.

Your landscaping plan may include invasive plant species. Before finalizing your plan consult the Division of Forestry & Wildlife of DLNR at 587-0166 or go to the Hawaii Ecosystems at Risk (HEAR) website at [www.hear.org](http://www.hear.org) to eliminate those species that may pose a threat to the environment.

**Paving:** Hawaii Revised Statutes 103D-407 requires the use of recycled glass in paving materials whenever possible. In the final EA indicate if you will follow this requirement.

**Two-sided pages:** Please print on both sides of the pages in the final document to reduce bulk and save on paper. HRS 342G-44 requires double-sided copying in all state and county agencies, offices and facilities.

**Construction impacts:** How will impacts to local traffic be mitigated during the construction period? Will there be a staging area onsite? If so, how will materials and equipment be protected against theft and vandalism? Where will current lot users park during construction?

**Cultural impacts assessment:**

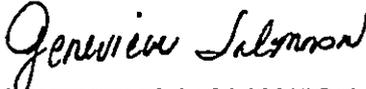
Act 50 was passed by the legislature in April 2000. This mandates an assessment of impacts to current cultural practices by the proposed project. In the final EA include such an assessment.

Bruce McClure  
March 7, 2007  
Page 2

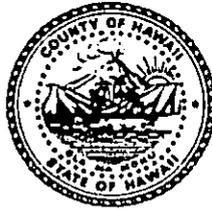
If the subject area is in a developed urban setting, cultural impacts must still be assessed. Many incorrectly assume that the presence of urban infrastructure effectively precludes consideration of current cultural factors. For example, persons are known to gather kauna'oa, 'ilima, 'uhaloa, noni or ki on the grassy slopes and ramps of the H-1 freeway and some state highways on the neighbor islands. Certain landmarks and physical features are used by Hawaiian navigators for sailing, and the lines of sight from landmarks to the coast by fisherman to locate certain fishing spots. Blocking these features by the construction of buildings or tanks may constitute an adverse cultural impact.

For assistance in the preparation refer to our *Guidelines for Assessing Cultural Impacts*, which you may find at <http://www.state.hi.us/health/oeqc/guidance/cultural.htm>. You will also find the text of Act 50 linked to this section of our homepage.

Sincerely,

  
GENEVIEVE SALMONSON  
Director

Harry Kim  
Mayor



Bruce C. McClure  
Director

Jiro A. Sumada  
Deputy Director

**County of Hawai'i**  
**DEPARTMENT OF PUBLIC WORKS**  
Aupuni Center  
101 Pauahi Street, Suite 7 · Hilo, Hawai'i 96720-4224  
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www.co.hawaii.hi.us

April, 2007

Ms. Genevieve Salmonson, Director  
Office of Environmental Quality Control  
235 S. Beretania St., Suite 702  
Honolulu, Hawaii 96813

Subject: Comment Letter Dated March 7, 2007  
Draft Environmental Assessment  
Public Safety Complex – Parking and Impound Lot  
TMK: (3) 2-4-25: 44, 46 and portion of 28 South Hilo, Island of Hawaii

Dear Ms. Salmonson:

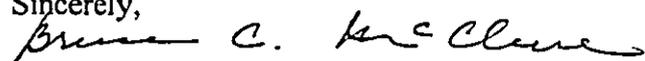
This is to acknowledge receipt of your comment letter dated March 7, 2007 regarding the Draft Environmental Assessment prepared for the subject project. We offer the following response to your comments:

1. Figures: Figure 3 has been revised to show the new parking area in relation to the existing Public Safety Complex.
2. Landscaping: We believe that the landscaping plan will be in compliance with Hawaii Revised Statutes 103 D-408. The landscaping will include Akia, Ohia Lehua and Green T-Leaf plants.
3. Paving:
  - a. The County of Hawaii has found that recycled glass is very costly for our general contractors to obtain and to produce this special base course material. Regular crush-rock base course is less expensive and more readily available.
  - b. There are no commercial suppliers which regularly produce this material in Hawaii County.
4. Construction Impacts:
  - a. The proposed project will only have a minimal impact on local traffic because traffic flow along Kapiolani Street will not be disrupted. Minimal impacts may result from the additional traffic generated by delivery vehicles for equipment and materials.

- b. All constructed related activity will be conducted on site. Current lot users will be accommodated within other parking areas serving the complex.
5. Cultural impact assessment: The Draft EA has been revised to include an assessment of cultural impacts.
6. Two-sided pages: The final EA will be printed with two-sided pages.

Thank you for taking the time to provide your comments on the subject Draft Environmental Assessment. Should there be any questions, please call David Yamamoto at (808) 961-8466 or email [dyamamoto@co.hawaii.hi.us](mailto:dyamamoto@co.hawaii.hi.us).

Sincerely,



Bruce C. McClure, P.E.

Director