
Kapa'a Elementary School Library
Final Environmental Assessment

Island of Kaua'i

December 2007

Prepared for
The State of Hawai'i Department of Education

Prepared by



kya design group

**KAPA'A ELEMENTARY SCHOOL LIBRARY
FINAL ENVIRONMENTAL ASSESSMENT**

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LIST OF ACRONYMS

CMU – concrete masonry unit

CZO – Comprehensive Zoning Ordinance

DAGS – State of Hawai‘i Department of Accounting & General Services

DBEDT – State of Hawai‘i Department of Business, Economic Development & Tourism

DLNR – State of Hawai‘i Department of Land & Natural Resources

DOE – State of Hawai‘i Department of Education

DOT – State of Hawai‘i Department of Transportation

DPW – Department of Public Works

EA – Environmental Assessment

FEMA – Federal Emergency Management Agency

FIRM – Flood Insurance Rate Map

FONSI – Finding of No Significant Impact

HAR – Hawai‘i Administrative Rules

HRS – Hawai‘i Revised Statutes

KES – Kapa‘a Elementary School

KIUC – Kaua‘i Island Utility Cooperative

LEED – Leadership in Energy and Environmental Design

LUC – Land Use Commission

NPDES – National Pollutant Discharge Elimination System permit

NRCS – Natural Resources Conservation Service

OHA – State of Hawai‘i Office of Hawaiian Affairs

R-1 – residential density district (Kaua‘i County Zoning)

ROW – Right of Way

SHPD – State Historic Preservation Division of DLNR

TMK – Tax Map Key

WWTF – wastewater treatment facility

1.0
Introduction



**KAPA‘A ELEMENTARY SCHOOL LIBRARY
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1.0 INTRODUCTION

1.1 PROJECT SUMMARY

The following summary describes the project locations, existing entitlements, and proposed action:

- Project Name:** Kapa‘a Elementary School Library
- Landowner:** Department of Education, State of Hawai‘i
- Location:** Kapa‘a, Kawaihau, Island of Kaua‘i (Figure 1)
- Tax Map Key and Land Area:**
(4) 4-6-14: por. 31; approximately 10,200 square feet or 0.23 acre (Figure 2)
- Proposing and approving agency:**
Department of Education, State of Hawai‘i
- Existing Uses:** Kapa‘a Elementary School campus
- Proposed Use:** Design and construction of a new elementary school library building (Figure 3)
- State Land Use District:** Urban (Figure 4)
- County Zoning:** R-1; Special Treatment District (Figure 5)
- Special designations:** It is not in the Special Management Area (SMA) (Figure 6), a special design district or historic district
- Anticipated Determination:**
Finding of No Significant Impact (FONSI)
- Agencies Consulted:** Various City and State agencies, Kaua‘i County Councilmember and Mayor, public utilities

1.2 PROPOSING AGENCY

In accordance with Section 343-5(a), *Hawai‘i Revised Statutes* (HRS), whenever an agency proposes the use of State or County lands and funds, that agency shall prepare an environmental assessment for such action at the earliest practicable time to determine whether an environmental impact statement shall be required. The proposed project will not only involve the use of

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Department of Education lands and State funds in the construction of the library, but also include the use of County infrastructure (such as roads, water, sewer, etc.) and County rights-of-way.

To identify the appropriate uses for the study area, KYA Design Group, the design consultant to the Department of Education (DOE), has contracted with PBR Hawai'i to prepare an environmental assessment in compliance with Chapter 343, *Hawai'i Revised Statutes* (HRS). The DOE is the proposing agency for this project. The mailing address and primary contact person for the DOE are listed below:

Mike Shigetani
State of Hawai'i
Department of Education
P.O. Box 1879
Honolulu, Hawai'i 96805

1.3 OWNERSHIP AND MAJOR APPROVALS REQUIRED

See Figures 2 and 3. The DOE is the landowner of the subject parcel. Kapa'a High School is adjacent, but it is on a separate campus. DOE is the applicant for the applicable entitlements. Primary approval is a FONSI declaration on the final environmental assessment in accordance with Chapter 343, *Hawai'i Revised Statutes* (HRS).

1.4 PROPOSED PROJECT

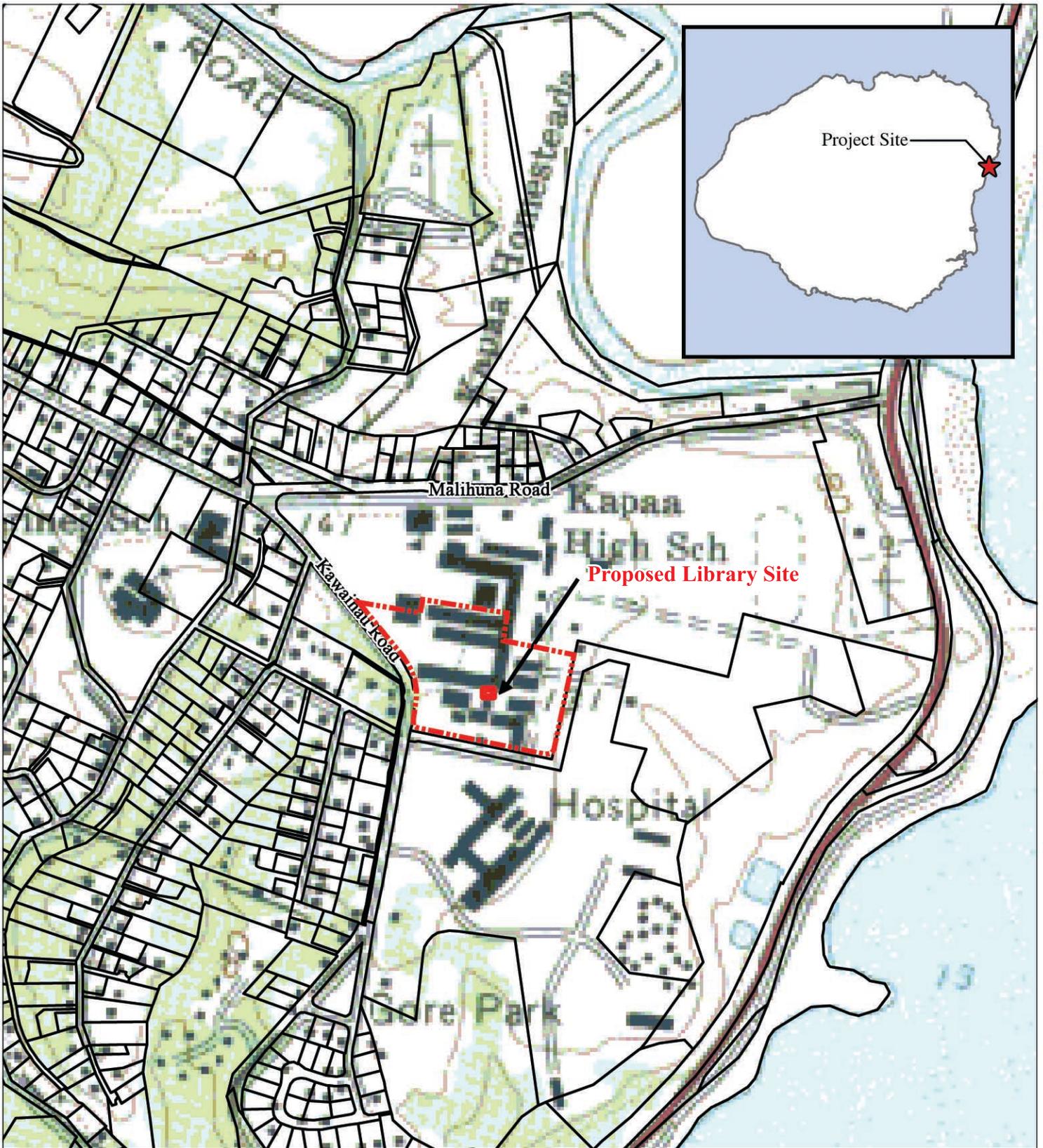
The DOE proposes to construct a new library of approximately 7,390 gross square feet on the Kapa'a Elementary School (KES) campus. Several alternate locations on campus were evaluated. Section 7.0 contains a full discussion of alternatives. The selected alternative locates the new building between classrooms and the cafeteria on a 10,200 square foot area in the approximate center of the campus. See Figure 3.

1.5 DESCRIPTION OF THE PROPERTY

There are 3 portables located on the south side of the Kapa'a Elementary School site, which will need to be relocated elsewhere on the school campus. An existing structure (approximately 400 square feet), currently being used for the groundskeeper storage, located to the east of the site, will remain. A Sealand container located west of center on the site will need to be removed. There is also a 750 square foot sand pit with playground equipment that will likely be relocated to near the existing swingsets. Please refer to the photos in Appendix B.

1.6 CURRENT LAND USES

The entire TMK parcel (Figure 2) is currently used by Kapa'a Elementary School and Kapa'a High School, although they are located on two separate campuses. On the southern portion of



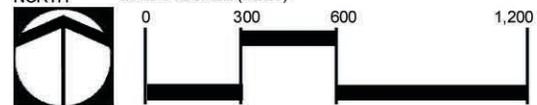
Legend

-  Campus Boundary
-  Proposed Library Site

FIGURE 1
Regional Location Map

Kapaa Elementary School Library

DEPARTMENT OF EDUCATION ISLAND OF KAUAI
NORTH LINEAR SCALE (FEET)



Source: U.S. Geological Survey

Disclaimer: This graphic has been prepared for general planning purposes only.

AUGUST 2007



Legend

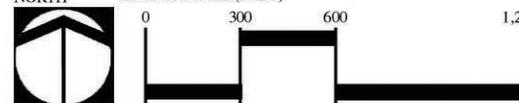
- Campus Boundary
- Proposed Library Site

FIGURE 2

Tax Map Key (4) 4-6-14:031 Portion

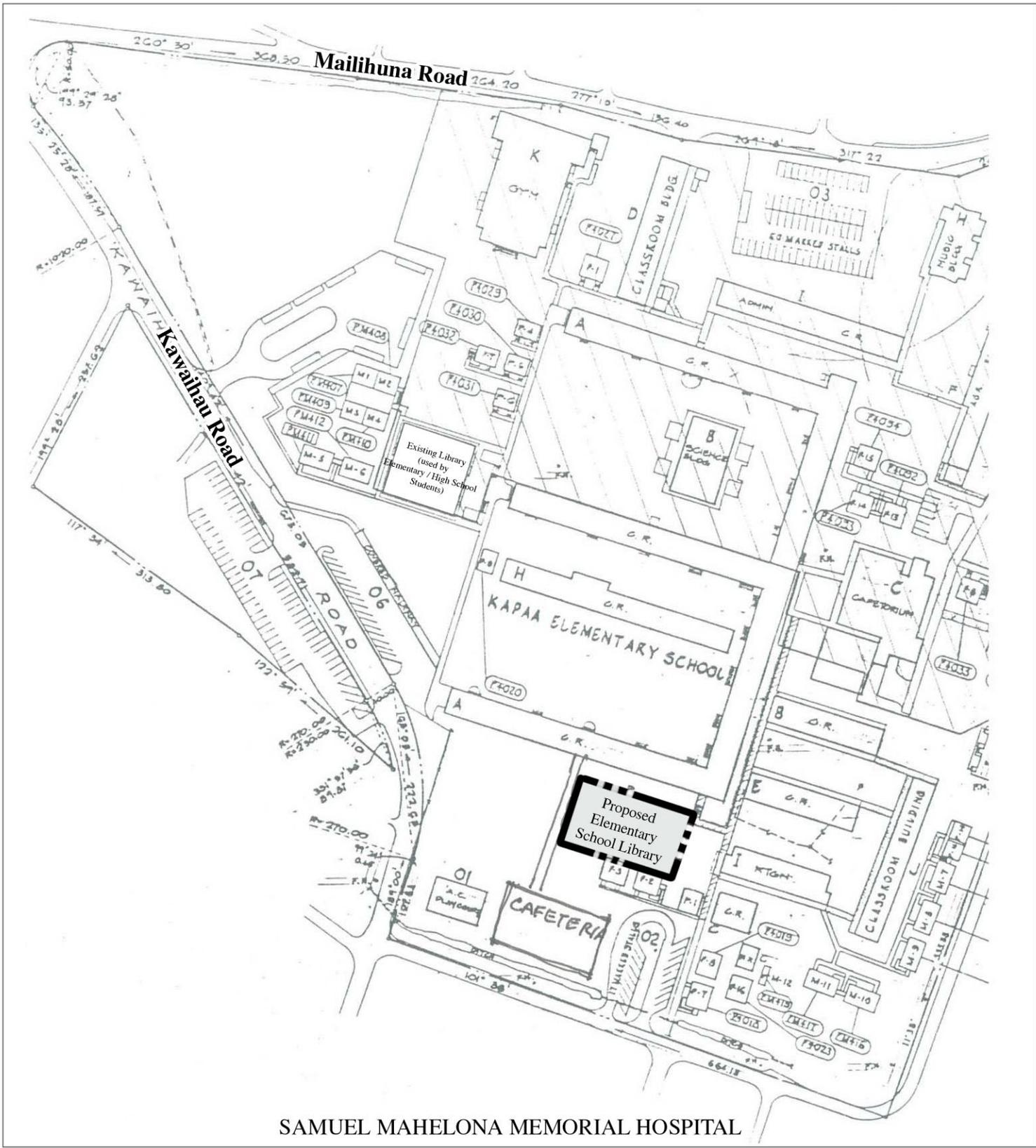
Kapa'a Elementary School Library

DEPARTMENT OF EDUCATION
NORTH LINEAR SCALE (FEET)



ISLAND OF KAUAI





SAMUEL MAHELONA MEMORIAL HOSPITAL

Legend

 Proposed Library Site

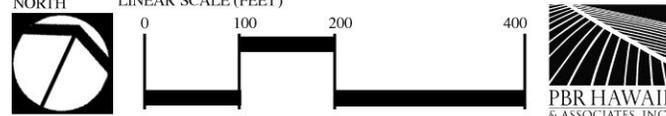
FIGURE 3
Campus Plan with New Library Location
Kapa'a Elementary School Library

DEPARTMENT OF EDUCATION
NORTH

ISLAND OF KAUAI

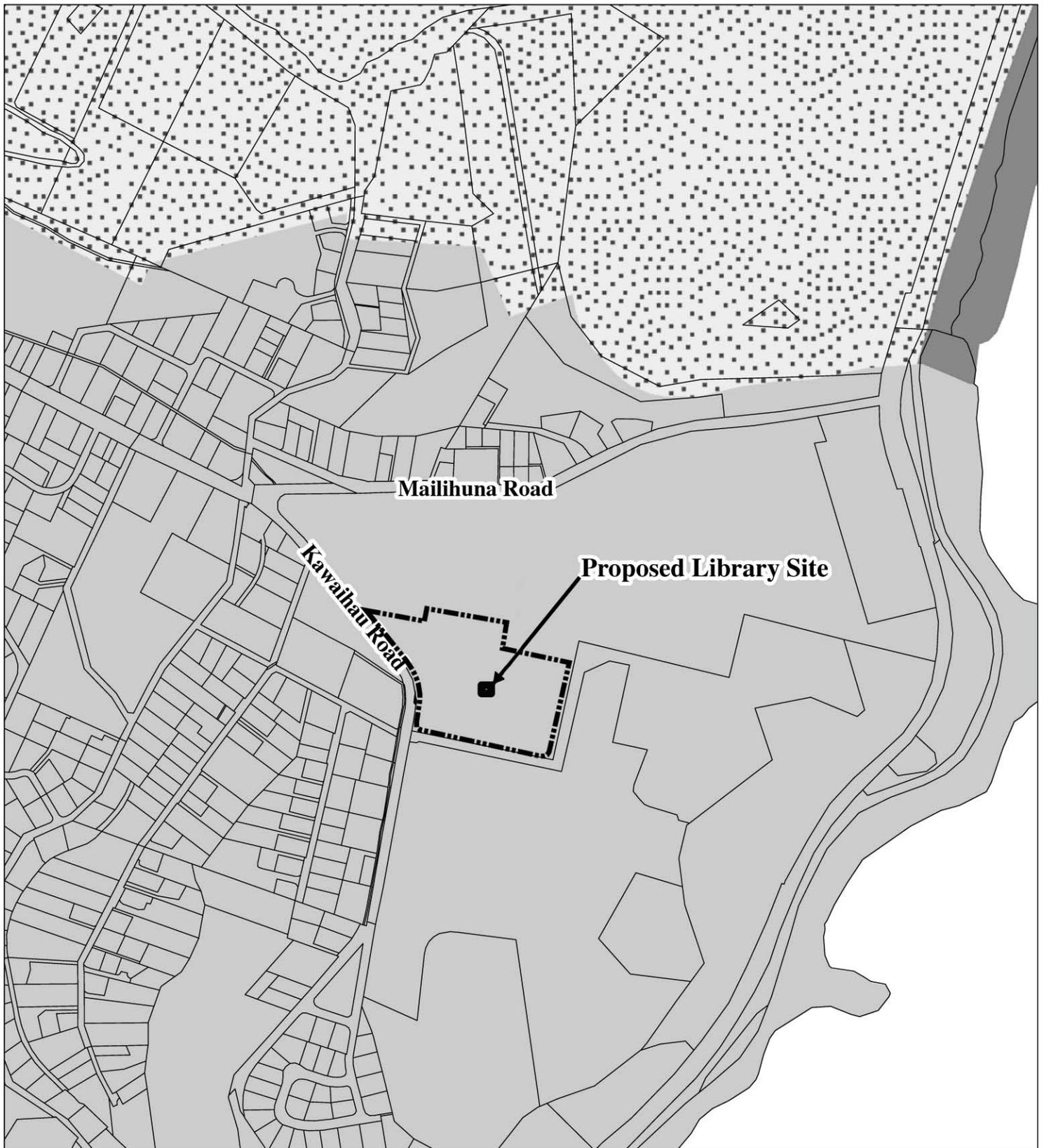
LINEAR SCALE (FEET)

0 100 200 400



PBR HAWAII & ASSOCIATES, INC.
SEPTEMBER 2007

Source: KYA Design Group
Disclaimer: This graphic has been prepared for general planning purposes only.



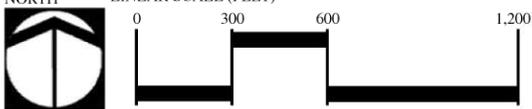
Legend

-  Campus Boundary
-  Proposed Library Site
-  Agriculture
-  Conservation
-  Urban

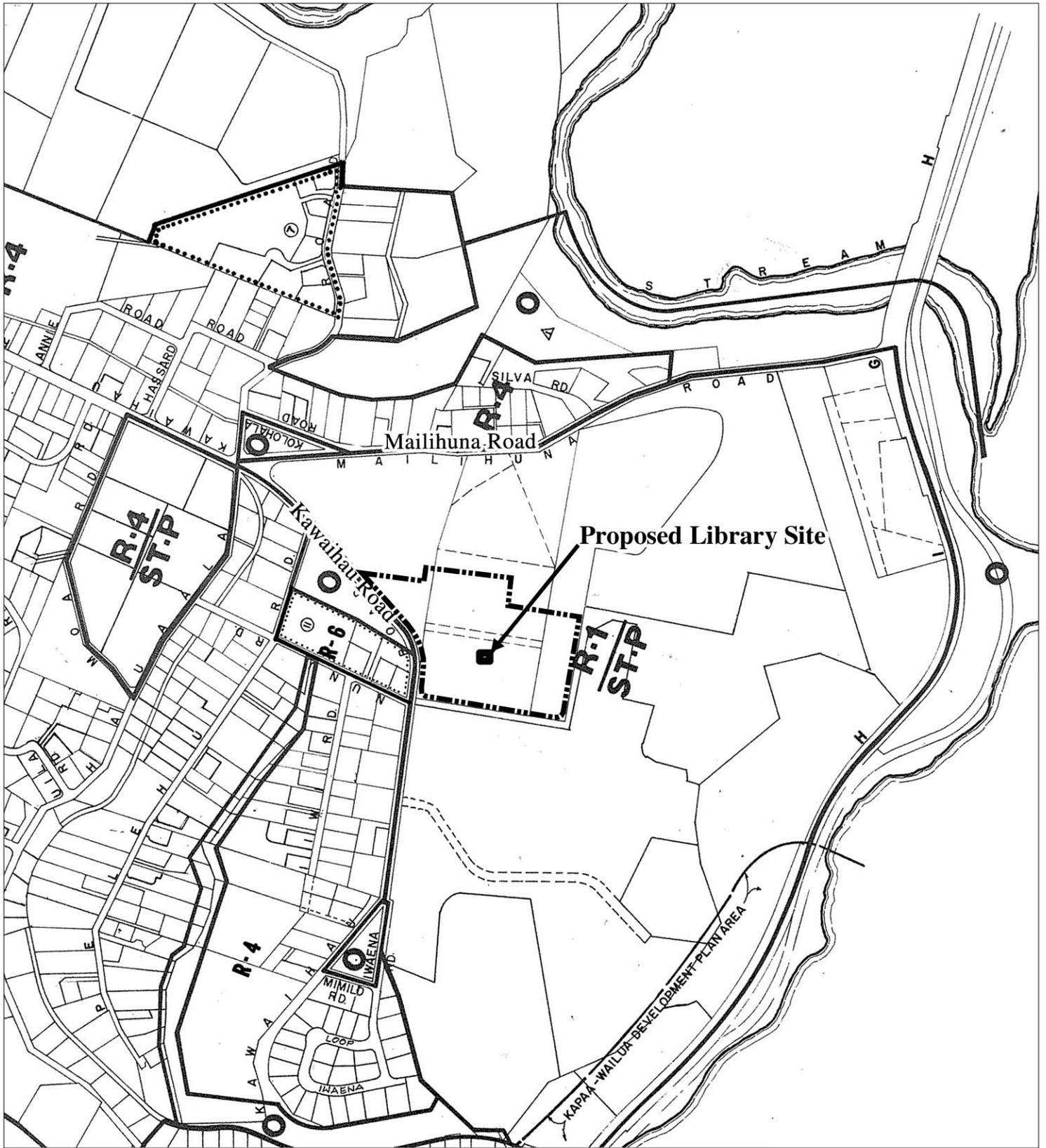
Source: State Land Use Commission (2004)
 Disclaimer: This graphic has been prepared for general planning purposes only.

FIGURE 4
 State Land Use District
Kapa'a Elementary School Library

DEPARTMENT OF EDUCATION
 NORTH ISLAND OF KAUAI
 LINEAR SCALE (FEET)
 0 300 600 1,200



PBR HAWAII & ASSOCIATES, INC.
 SEPTEMBER 2007



Legend

 Campus Boundary  Proposed Library Site

R-1 Residential District (1 dwelling / acre)

STP Special Treatment District (Public)

Source: County of Kauai Zoning Map (1972)
 Disclaimer: This graphic has been prepared for general planning purposes only.

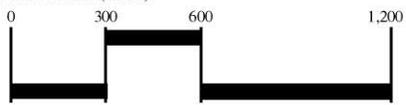
FIGURE 5

County of Kauai Zoning

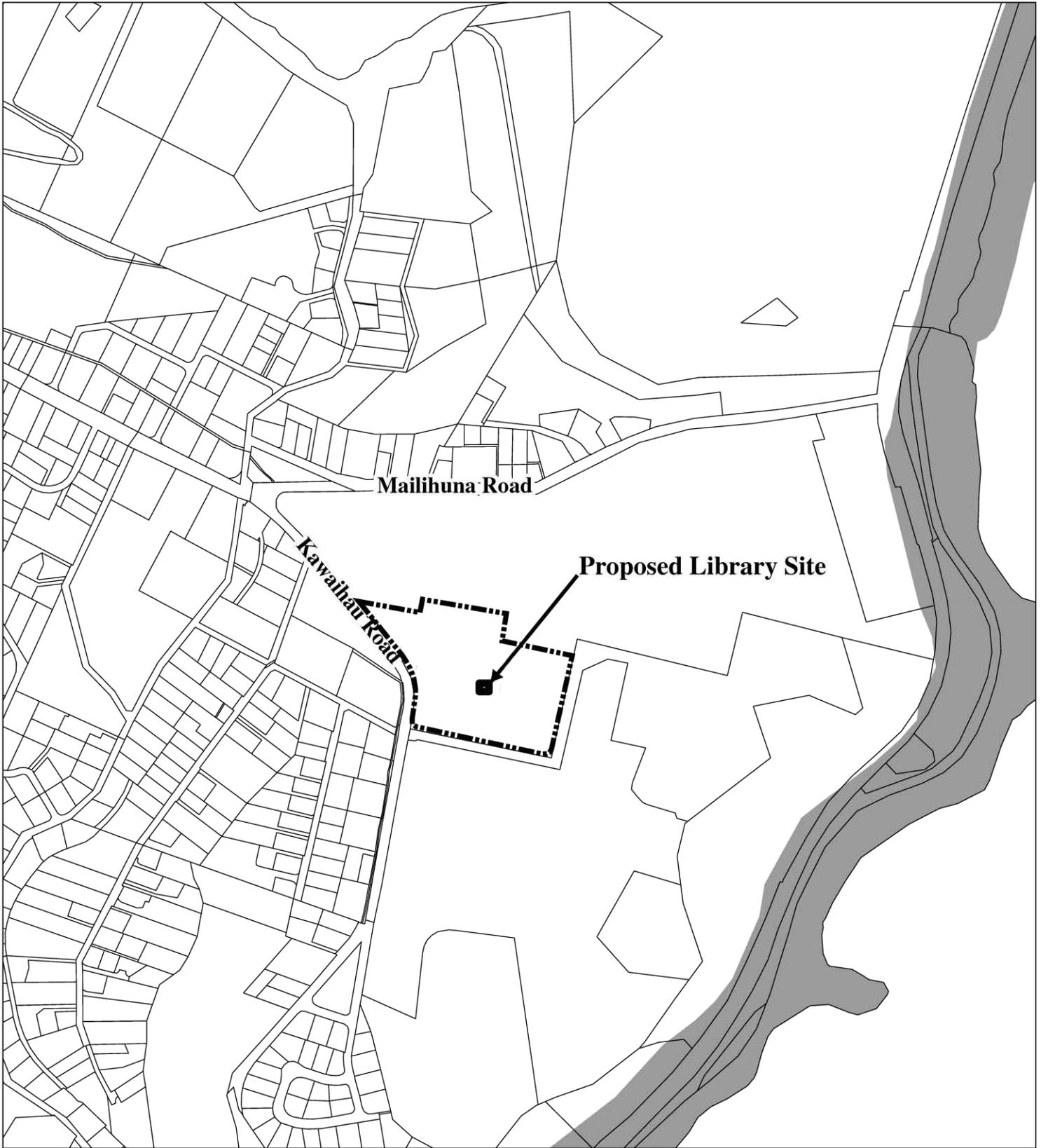
Kapa'a Elementary School Library

DEPARTMENT OF EDUCATION
 NORTH LINEAR SCALE (FEET)

ISLAND OF KAUAI



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Legend

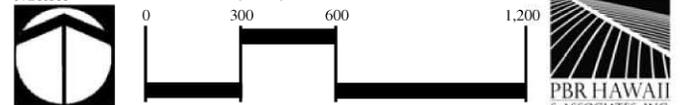
-  Campus Boundary
-  Proposed Library Site
-  Special Management Area
-  Not within Special Management Area

FIGURE 6

Special Management Area

Kapa'a Elementary School Library

DEPARTMENT OF EDUCATION NORTH ISLAND OF KAUAI



Source: State of Hawai'i GIS, Special Management Area 1998
 Disclaimer: This graphic has been prepared for general planning purposes only.



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the parcel is the Elementary School, which serves 909 students in kindergarten through fifth grade. The Elementary School campus is located within the State Land Use Urban District boundaries. The Kaua'i County zoning is R-1 and the Special Treatment District. See Figure 4.

1.7 SURROUNDING LAND USES

The school campus is located in Kawaihau, Kaua'i, a region that extends from the ocean to the mountains, and from the Wailua River north to Moloa'a (Figure 1). The town of Kapa'a (population 9,500; 2000 Census), the beach resorts of Wailua and Waipouli, residential homes, agricultural farms, grazing lands, and large open spaces comprise the region. Most of the uplands in the district are homestead lands that are in rural and agricultural uses.

A mix of long-term residents, newcomers and visitors populate the region. Kūhiō Highway, a State right-of-way, serves as the main access through Kapa'a, and extends approximately 30 miles from Līhu'e to Hanalei with numerous local side roads that provide access to the inland and coastal areas. The project site lies on Kawaihau Road, inland of Kūhiō Highway, about 1 mile north of Kapa'a Town Center. It is not in the SMA, which is mostly makai of Kūhiō Highway in this area. See Figure 6.

The Elementary School campus is surrounded by Samuel Mahelona Memorial Hospital to the south, Kapa'a High School and Mailihuna Road to the north, a park and Kawaihau Road to the west and several small light industrial/commercial businesses to the east.

1.8 LAND USE BACKGROUND

The population of the Kawaihau district is currently 16,000 (2000 Census). Wailua-Kapa'a is the largest populated area on Kaua'i. Areas inland of the coast were subdivided during Territorial Government days for agricultural homesteads, but the area is now transitioning from agricultural to residential use. Home building continues to increase as small land holdings are being subdivided. The coastal area of Wailua-Waipouli to Kapa'a has become a resort and town center with hotels and shopping complexes for visitors and a business/shopping district for island residents.

Kapa'a Elementary and High Schools are permitted ancillary uses in a residential region. The construction of the new library is an expansion of these permitted ancillary uses.

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2.0 *Description of the Project*



**KAPA'A ELEMENTARY SCHOOL LIBRARY
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2.0 DESCRIPTION OF THE PROJECT

2.1 PROPOSED USE

The Department of Education wishes to construct a new library building on the campus of Kapa'a Elementary School. Three locations on campus were evaluated, and a location between one of the main classroom buildings, near the northeast corner of the cafeteria, was selected as the preferred alternative. The building will be approximately 7,390 square feet in size, single story and of concrete masonry unit (CMU) construction. New sidewalks and covered walkways will also be installed. See Figure 7.

Currently, the elementary school students are sharing the high school library. When the new building is completed, the elementary school students will have their own library and the high school students will again have full use of their library. During non-school hours, the new library will be available for community functions, and the public will also be able to avail itself of the computer lab in the new facility.

The new building will be designed to LEED Silver standard. The Leadership in Energy and Environmental Design (LEED) Green Building Rating System™ is the nationally accepted benchmark for the design, construction, and operation of high performance green buildings (sustainably designed). LEED promotes a whole-building approach to sustainability by recognizing performance in five key areas of human and environmental health: sustainable site development, water savings, energy efficiency, materials selection, and indoor environmental quality.

2.2 PHASING AND TIMING OF THE ACTION

Construction will occur in one phase and is estimated to begin in early April 2008. The library is expected to be ready for occupancy by mid-2009.

2.3 COSTS

The total project cost is estimated to be \$3,325,700.00 in 2007 dollars.

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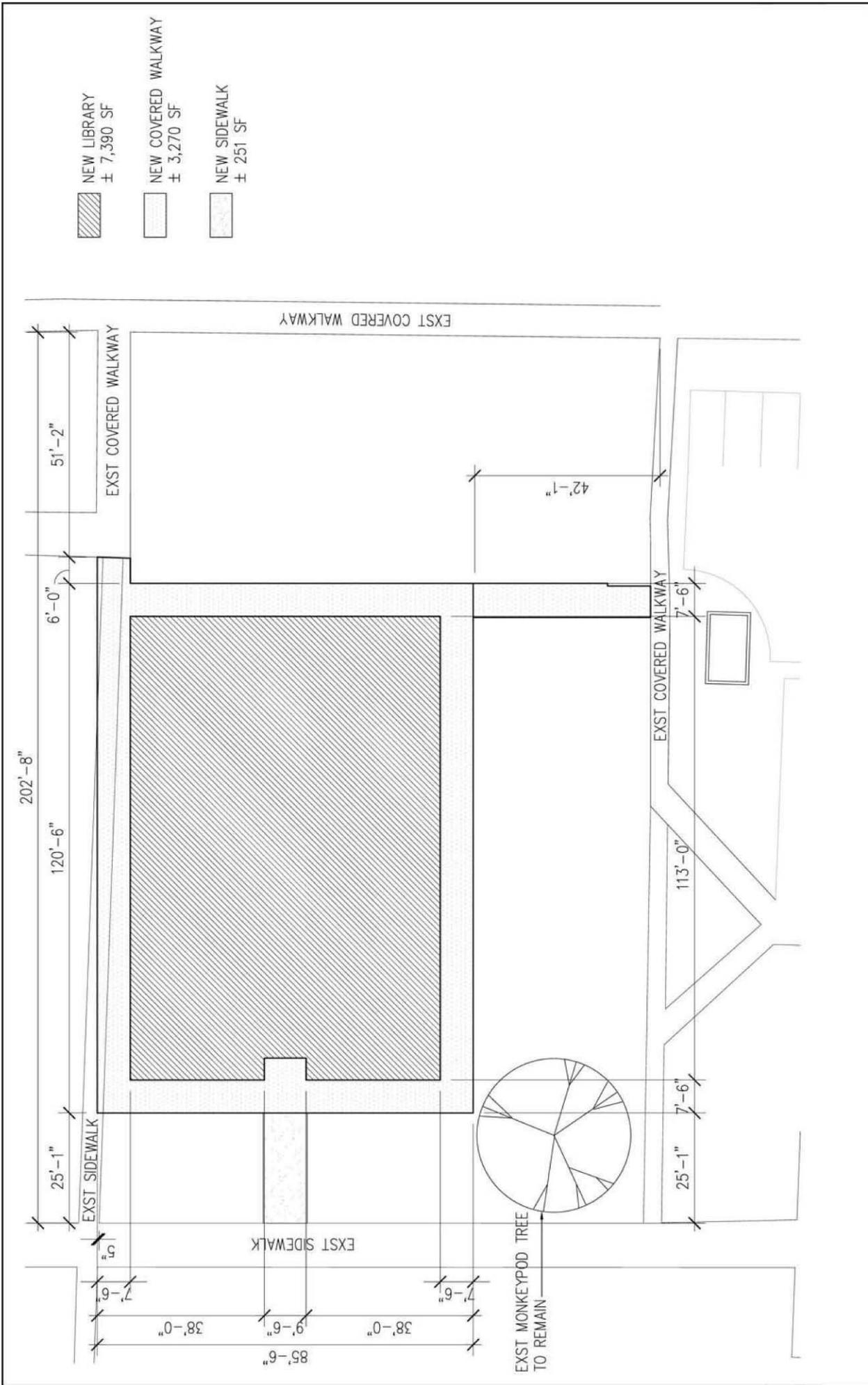


FIGURE 7
Site Plan

Kapa'a Elementary School Library

DEPARTMENT OF EDUCATION
NORTH



ISLAND OF KAUAI



3.0

Relationship to Plans & Policies



**KAPA'A ELEMENTARY SCHOOL LIBRARY
FINAL ENVIRONMENTAL ASSESSMENT**

3.0 RELATIONSHIP TO PLANS AND POLICIES

3.1 CHAPTER 343, HAWAI'I REVISED STATUTES

This Environmental Assessment is prepared pursuant to Chapter 343, *Hawai'i Revised Statutes* (HRS).

Various agencies and individuals were consulted in preparation of this EA and/or have received a copy of the DEA. Pre-consultation and DEA comments and applicable responses have been reproduced in Appendix A.

3.2 STATE OF HAWAI'I – HAWAI'I STATE PLAN

The *Hawai'i State Plan* (Chapter 226, HRS) serves as a guide for the future long-range development of the State; identifies goals, objectives, policies, and priorities for the State; provides a basis for determining priorities and allocating limited resources, such as public funds, services, human resources, land, energy, water, and other resources; improves coordination of Federal, State, and County plans, policies, programs, projects, and regulatory activities; and establishes a system for plan formulation and program coordination to integrate all major State and County activities. Sections of the *Hawai'i State Plan* applicable to the proposed developments are discussed in the following pages.

Section 226-4 State goals:

In order to guarantee, for present and future generations, those elements of choice and mobility that insure that individuals and groups may approach their desired levels of self-reliance and self-determination, it shall be the goal of the State to achieve:

- (3) *Physical, social, and economic well-being, for individuals and families in Hawai'i , that nourishes a sense of community responsibility, of caring, and of participation in community life.*

Discussion: The new library will support the educational achievements of Kaua'i's youngest citizens, thus contributing to their social and economic well-being in later life. The new library will also provide an additional venue for community gatherings and meetings for Kapa'a's citizens, enabling them to participate more fully in community life.

Section 226-21 Objectives and policies for socio-cultural advancement – education:

- (a) *Planning for the State's socio-cultural advancement with regard to education shall be directed towards achievement of the objective of the provision of a variety of educational opportunities to enable individuals to fulfill their needs, responsibilities, and aspirations.*
- (b) *To achieve the education objectives, it shall be the policy of this State to:*
 - (2) *Ensure the provision of adequate and accessible educational services and facilities that are designed to meet individual and community needs.*

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- (7) *Promote programs and activities that facilitate the acquisition of basic skills, such as reading, writing, computing, listening, speaking, and reasoning.*

Discussion: The new library will address facility standards of the DOE and support the educational achievements of Kaua'i's students, thus contributing to their role as fully contributing citizens in adult life. The new library will provide a needed facility to support the development of the students' immediate educational skills of reading, writing, computing and reasoning. It will serve as an additional venue for community gatherings and meetings for Kapa'a's citizens, enabling them to participate more fully in community life.

3.3 STATE OF HAWAI'I – STATE FUNCTIONAL PLANS

The Hawai'i State Plan is primarily guided by the State Functional Plans (Chapter 226, HRS) and implemented by the State Department of Budget and Finance and the LUC. State Functional Plans, prepared by various State agencies with citizen input, provide specific recommendations for action. The areas addressed by the plans are: agriculture, conservation lands, education, employment, energy, health, higher education, historic preservation, housing, human services, recreation, tourism, and transportation. The following describes how the proposed project complies with applicable State Functional Plans.

Education Functional Plan

The State Education Functional Plan serves as a mechanism for implementing the Hawai'i State Plan as it relates to the directions of the Board of Education and the programs of the Department of Education. The following policies form the basis of the plan: 1) academic excellence; 2) basic skills; 3) education workforce; 4) facilities and services; 5) alternatives for funding and delivery; 6) autonomy and flexibility; 7) increased use of technology; 8) personal development; 9) students with special needs; 10) early childhood education; 11) Hawai'i's cultural heritage; and 12) research programs and communication activities.

Objective A(4): Services and Facilities. Ensure the provision of adequate and accessible educational services and facilities that are designed to meet individual and community needs.

Discussion: The new library will support the educational achievements of Kaua'i's students individually and as a part of the student body, thus contributing to their role as fully contributing citizens in adult life. The new library will provide a needed facility to support the development of the students' immediate skills of reading, writing, computing and other educational basics.

Energy Functional Plan

The Energy Advisory Committee highlights three major concerns for Hawai'i in its Functional Plan: 1) the State's over dependency on oil and fossil fuels; 2) the need for an integrated approach to energy development and management; and 3) energy emergency preparedness.

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Objectives

Objective A: Moderate the growth in energy demand through conservation and energy efficiency.

Objective B: Displace oil and fossil fuels through alternate and renewable energy resources.

Discussion: The new library building will be designed to LEED Silver standard. The Leadership in Energy and Environmental Design (LEED) Green Building Rating System™ is the nationally accepted benchmark for the design, construction, and operation of high performance green buildings. LEED promotes a whole-building approach to sustainability by recognizing performance in five key areas of human and environmental health: sustainable site development, water savings, energy efficiency, materials selection, and indoor environmental quality.

The applicant will also comply with the Kaua'i County Energy Code to the greatest extent possible.

3.4 STATE OF HAWAII – STATE LAND USE LAW

The subject property lies within the State Land Use Urban District boundaries. See Figure 4.

Discussion: The Urban District generally includes lands characterized by “city-like” concentrations of people, structures and services. This district also includes vacant areas for future development. Jurisdiction of this district lies primarily with the respective counties. Generally, lot sizes and uses permitted in the district area are established by the respective county through ordinances or rules.

A school facility is a permitted use within the Urban District. A State Land Use District Boundary Amendment will not be required for construction of the new library building.

3.5 KAUA'I GENERAL PLAN

The Kaua'i General Plan is a direction-setting policy document that is intended to serve as a guide to help plan and improve the physical environment and quality of life for the people of Kaua'i, and to address the overall development of the island. This document also states the County's vision for Kaua'i and establishes the strategies to help achieve that vision.

Section 8: Improving Housing, Parks and Schools

This chapter addresses housing, parks (primarily County parks), and schools, all of which relate to the quality of life experienced by Kaua'i's citizens.

8.3.2 Implementing Actions

(b) The State DOE should design school facilities to facilitate community use during nonschool hours and weekends.

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Discussion: The new library building will serve as an additional venue for community gatherings and meetings for Kapa'a's citizens during non-school hours and weekends. Its computer lab will also be available to the general public during non-school hours.

3.6 KAUA'I COUNTY ZONING

The County zoning for the project site is R-1 and Special Treatment District.

Discussion: Article 3 of the Kaua'i County Code defines residential density districts. The R-1 residential density district allows one dwelling unit per acre of land. Article 9 of the Code defines Special Treatment Districts as those allowing public and quasi-public facilities, other than commercial, including schools, churches, cemeteries, hospitals, libraries, police and fire stations, government buildings, auditoriums, stadiums, and gymnasiums, which are used by the general public or which tend to serve as gathering places for the general public; and those areas which because of their unique locations are specially suited for such public and quasi-public uses.

The proposed new library building, as a permitted use in a residential district and as a recognized use as a public gathering place, is in conformance with the current county zoning of R-1 and Special Treatment District.

3.7 KAUA'I COUNTY COMPREHENSIVE ZONING ORDINANCE

The purpose of the Comprehensive Zoning Ordinance (CZO) is to provide regulations and standards for land development and the construction of buildings and other structures in the County of Kaua'i. The regulations and standards prescribed in the CZO are intended to regulate development to ensure its compatibility with the overall character of the island.

Discussion: The proposed new building is a permitted use within the existing County zoning and thus complies with the CZO.

3.8 REQUIRED PERMITS AND APPROVALS

The following is an approximate list of major approvals and permits required for the implementation of the proposed project. From the earliest stages of the planning process, the DOE has worked with all affected agencies to obtain their comments and necessary approval of plans and specifications. County rezoning is not required, but a Use Permit for construction in the Special Treatment District is.

Special Treatment District Use Permit
Building/Grading Permits

Kaua'i Planning Dept.
Kaua'i Dept. of Public Works

4.0

Assessment of the Existing Natural Environment, Potential Impacts, & Mitigation Measures



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4.0 ASSESSMENT OF THE EXISTING NATURAL ENVIRONMENT, POTENTIAL IMPACTS, AND MITIGATION MEASURES

The following describes the existing natural environment associated with the property and potential impacts that may result from the development. Mitigation measures to address potential impacts are also described as applicable.

4.1 CLIMATE

The project site faces the predominant northeast tradewinds of the Kapa'a coastline. These winds are typically breezy and at times relatively strong with speeds of 13 to 24 mph. The air is generally warm and mild with temperatures averaging 70°F throughout the year. The average annual rainfall is between 40 and 50 inches with the heaviest occurring during the wet winter months and the least during the dry summer months.

Potential Impacts and Mitigation Measures

The proposed development is not expected to have an impact on climatic conditions and no mitigation measures are planned.

4.2 GEOLOGY AND TOPOGRAPHY

Kaua'i, the oldest of the major Hawaiian Islands and the most weathered or eroded geologically, consists of at least one extinct volcano. Lavas from the shield, post shield, and rejuvenated stages formed the island. Kaua'i, which notably lacks rift zones, contains an enormous caldera complex with a graben, or down-dropped block on the caldera's south side. Rejuvenated-stage lavas have covered much of the eastern half of the island. Over time, numerous landslides and long-term erosion have modified Kaua'i's northern, northeastern, eastern, and southern flanks.

The project site is situated on the eastern side of Kaua'i, west (mauka) of Kūhiō Highway.

Potential Impacts and Mitigation Measures

The project site has been previously developed. Significant impacts are not expected from this project. No mitigation measures are proposed.

KAPA'A ELEMENTARY SCHOOL LIBRARY FINAL ENVIRONMENTAL ASSESSMENT

4.3 DRAINAGE & SOILS

The FIRM designation for the site is “Zone X-unshaded.” Zone X-unshaded is described as the areas determined to be outside of the 0.2% annual chance flood plain. See Figure 8. Surface runoff has been observed to sheetflow in a northwesterly to southeasterly direction across the property. No distinct drainage patterns exist in the general area.

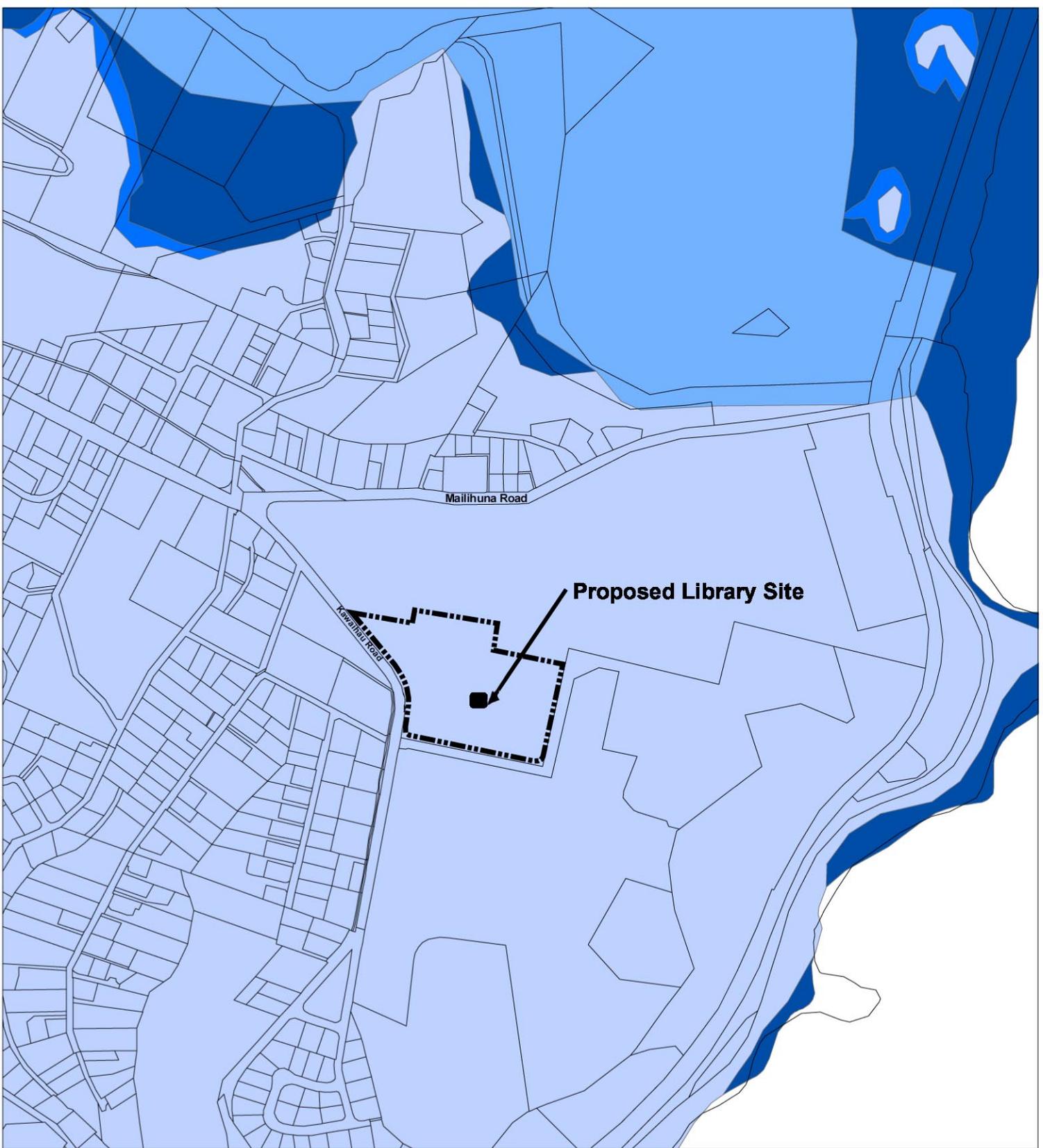
The soil at the project site is classified by the U.S. Department of Agriculture Natural Resource Conservation Service (NRCS) as Līhu‘e Silty Clay (LhB), 0 to 8 percent slopes. The Līhu‘e series consists of well-drained soils on uplands on the island of Kaua‘i. These soils developed in material weathered from basic igneous rock, are gently sloping to steep. In a representative profile, the surface layer is dusky red silty clay about 12 inches thick. The subsoil, more than 48 inches thick, is dark-red and dark reddish-brown, compact silty clay that has subangular blocky structure. The substratum is soft, weathered rock. The surface layer is strongly acid. The subsoil is slightly acid to neutral. Permeability is moderately rapid. Runoff is slow, and the erosion hazard is no more than slight. The available water capacity is about 1.5 inches per foot of soil. In places, roots penetrate to a depth of 5 feet or more. This type of soil is used for irrigated sugarcane, pineapple, pasture, truck crops, orchards, wildlife habitat, woodland, and homesites. The natural vegetation consists of lantana, guava, koa haole, joe, kikuyu grass, molasses grass, guinea grass, Bermuda grass, and Java plum. See Figure 9.

Potential Impacts and Mitigation Measures

Although the erosion hazard potential of the on-site soils is described as “no more than slight,” all grading operations will be conducted in compliance with dust and erosion control requirements of the County Sediment and Erosion Control Ordinance No. 808 and applicable provisions of Chapter 11-60.1, HAR, Section 11-60.1-33 regarding Fugitive Dust. The County Department of Public Works (DPW) indicated in its comment letter on the DEA that borrow and disposal sites must also comply with Ordinance No. 808. A watering program will be implemented during construction to minimize soil loss through fugitive dust emission. Other erosion control measures include cleaning job-site construction equipment and establishing of groundcover as quickly as possible after grading. Permanent landscaping will also help to retain soil throughout the project area and significantly reduce the potential for soil erosion. In addition to landscaping and watering programs, other mitigation measures generally associated with best management practices include:

- Early construction of drainage control features;
- Construction of temporary sediment basins to trap silt, where needed;
- Use of temporary berms and cut-off ditches where needed; and
- Use of temporary silt fences or straw bale barriers to trap silt.

To further mitigate potential soil impacts, a National Pollutant Discharge Elimination System (NPDES) permit will be obtained prior to construction to address non-point source discharges, if required. The need for one is not expected since the developable area is small. Nonetheless, the Clean Water Branch of the Department of Health has been consulted regarding requirement for an NPDES permit. The requirements of that Branch will be complied with regarding water



Legend

-  Campus Boundary
-  Proposed Library Site
-  Zones AE & VE: 1% Annual Chance Flood Plain
-  Zone X: 0.2% Annual Chance Flood Plain
-  Floodway in Zone AE
-  Zone X (unshaded): Outside of 0.2% Annual Chance Flood Plain
-  Undetermined Flood Hazards

Source: Federal Emergency Management Agency

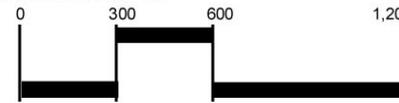
Disclaimer: This graphic has been prepared for general planning purposes only.

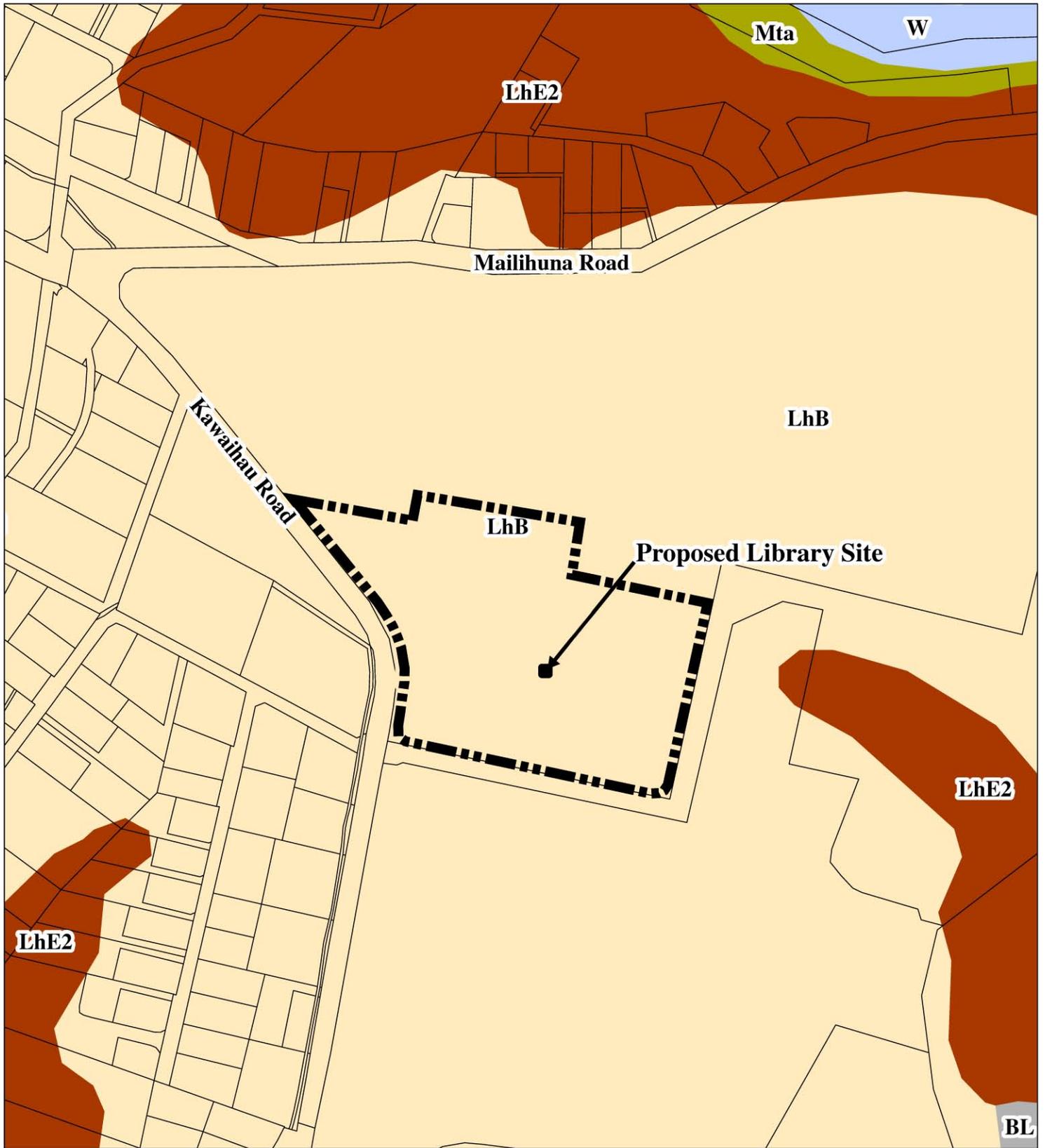
FIGURE 8
Flood Insurance Rate Map

Kapa'a Elementary School Library

DEPARTMENT OF EDUCATION
NORTH LINEAR SCALE (FEET)

ISLAND OF KAUAI





Legend

-  Campus Boundary
-  Proposed Library Site
-  BL : Bad Land
-  LhB : Lihue Silty Clay, 0-8% Slopes
-  LhE2 : Lihue Silty Clay, 25-40% Slopes, Eroded
-  Mta : Mokuleia Clay Loam, Poorly Drained Variant
-  W : Water

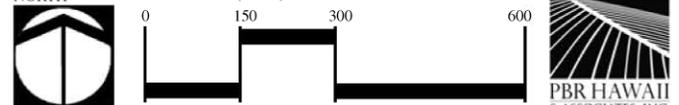
Source: U.S. Natural Resources Conservation Service 1997
 Disclaimer: This graphic has been prepared for general planning purposes only.

FIGURE 9

Natural Resources Conservation Service
 Soil Survey Map

Kapa'a Elementary School Library

DEPARTMENT OF EDUCATION NORTH ISLAND OF KAUAI



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FINAL ENVIRONMENTAL ASSESSMENT**

quality criteria, storm water discharge, hydrotesting and construction dewatering effluent, if required through an NPDES permit.

4.4 SURFACE WATER RESOURCES/HYDROLOGY

There are no natural streams or bodies of water on the project site.

Potential Impacts and Mitigation Measures

No water resources are expected to be affected by the project if the previously described erosion control measures (Section 4.3) are implemented. No mitigation measures are proposed.

4.5 NATURAL HAZARDS

All developments in the State are subject to the risk of natural hazards such as earthquakes, volcanic eruptions, flooding, and hurricanes. Since 1982, the State of Hawai'i, and especially Kaaui as the northernmost in the main island chain, has been affected twice by devastating hurricanes, Iwa in 1982 and Iniki in 1992. While it is difficult to predict these natural occurrences, it is reasonable to assume that these events could recur. The project area is no more or less vulnerable than the rest of the island to the destructive winds and torrential rains associated with hurricanes and cyclones.

Flood hazards are primarily identified by the Flood Insurance Rate Map (FIRM) prepared by the Federal Emergency Management Agency (FEMA). The project site is outside all FEMA flood designations and is listed on the FIRM map as "Zone X-unshaded." Neither is it in a tsunami inundation zone.

Potential Impacts and Mitigation Measures

Although hurricanes and earthquakes cannot be prevented, their impacts will be mitigated as the project will comply with the Uniform Building Code adopted by the County.

County and State civil defense requirements will be adhered to regarding evacuation procedures, and the building specifications will conform to the Uniform Building Code.

The site does not contain a soil type that indicates slippage, nor does it have a high flood risk potential. Increased runoff from additional impervious surfaces (i.e., parking areas, sidewalks, roofs and buildings) will be mitigated by including on-site retention/detention basins or other drainage features, if deemed necessary. DPW commented during the DEA comment period that storm water flows potentially impacting the proposed Kapa'a Fire Station site, to be sited on Kūhiō Highway about a half mile directly makai of KES, will need to be mitigated to pre-existing development conditions. In general however, increased runoff is expected to be negligible considering the previous development of the site and the lack of erosion potential of the underlying soil.

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4.6 FLORA AND FAUNA

An April 1996 final environmental assessment for a new cafeteria on campus reported no known existing habitats of endangered species, flora or fauna on the site. A 2006 final EA for a new fire station on an adjacent parcel confirmed the lack of such species or habitats. As would be expected with school use, areas of the campus not utilized for buildings are used for recreation, and as such, open lawns occupy most of the school grounds, along with pines, palm trees, shower trees, ti and shrubbery. Please refer to Appendix B for site photographs. Only urban-type species of flora and fauna are expected to be present, with vegetation likely consisting of almost entirely of non-native ornamental species.

Anticipated Impacts and Mitigation Measures

The subject area has been subjected to disturbance for many years. No known rare, threatened or endangered floral or faunal species or their habitats are known to exist on the site. Other than landscaping with native or indigenous drought tolerant species, no significant impacts to flora or fauna species are anticipated, and no mitigation measures are proposed

5.0
*Assessment of the Existing Human
Environment, Potential Impacts,
& Mitigation Measures*



**KAPA'A ELEMENTARY SCHOOL LIBRARY
FINAL ENVIRONMENTAL ASSESSMENT**

5.0 ASSESSMENT OF THE EXISTING HUMAN ENVIRONMENT, POTENTIAL IMPACTS AND MITIGATION MEASURES

This section presents summary background information applicable to the existing human environment. Subject areas addressed include archaeology, air quality, noise, the socio-economic environment, and visual conditions.

5.1 ARCHAEOLOGICAL AND HISTORIC RESOURCES

No known archeological or historic resources occur on the site. An August 10th, 2007 letter from the State Historic Preservation Division (SHPD) of DLNR stated that “no historic properties will be affected” because 1) intensive cultivation has altered the land; and 2) previous grubbing/grading has altered the land. See Appendix A for a reproduction of this letter.

Potential Impacts and Mitigation Measures

Given the prior uses of the site for intensive cultivation and the previous grubbing and grading required to prepare the property for the initial elementary school construction, any remains, artifacts or resources would have been destroyed long ago. SHPD has concurred with this conclusion.

In the event that historic resources, including skeletal remains, are identified during the construction activities, all work will cease in the immediate vicinity of the find, the find will be protected from additional disturbance and the State Historic Preservation Division, Kaua'i Section, will be notified immediately.

5.2 CULTURAL RESOURCES

Cultural impacts assessments carried out for nearby projects have been reviewed. These include the Final Environmental Assessments (FEAs) for the following: *Kapa'a – Keālia Pedestrian Bicycle Path* (August 2003); *Proposed 0.5 MG Storage Tank, Kawaihau, Kaua'i, Hawai'i* (May 2006); *Kapa'a Fire Station* (April 2006); *Kapa'a Soccer Park* (December 2006). None of the assessments reviewed reported any significant cultural resources in the area.

In addition, the Office of Hawaiian Affairs (OHA) was contacted during the public review period and had no comments regarding cultural impacts from this project. OHA did recommend preservation of unexpected archeological finds during the construction period, which is discussed in Section 5.1 of this EA, along with appropriate mitigation measures.

KAPA'A ELEMENTARY SCHOOL LIBRARY FINAL ENVIRONMENTAL ASSESSMENT

Potential Impacts and Mitigation Measures

Since there are no site-specific resources to be affected, no impacts to traditional cultural practices are expected from the project. No mitigation measures are required.

5.3 NOISE

Construction Phase: Noise is expected to be typical of any construction activity, with the highest levels generated by backhoes and bulldozers. This type of noise will be limited to the construction phase only. If it is determined that jackhammers or blasting are required for initial site preparation, additional mitigation measures for both noise and vibration, as specified by DOH, will be complied with.

Operational Phase: Noise levels will be typical of a public school library use, with the only possible constant noise source being air conditioning equipment. No significant increases to existing ambient noise levels are expected from the installation of the new library building while school is in session.

Potential Impacts and Mitigation Measures

Short-term mitigation: All construction activities will comply with the HAR, Chapter 46. To minimize construction noise and keep it within regulatory limits, all equipment will be equipped with muffling devices and other noise attenuating equipment, and will be maintained in good condition. Contractors will also adhere to the guidelines for the hours of operation of heavy equipment and noise curfew times set forth in the DOH noise control regulations.

Long-term mitigation: The project will not lead to an increase in the campus population, nor will the new library building have any significant noise-generating components (other than possibly air conditioning), so no significant increases to existing ambient noise conditions are expected to result. No mitigation measures are proposed.

5.4 AIR QUALITY

Air quality is generally good. There are no air pollutant generators, including incinerators, quarries, manufacturing plants, or mass drying beds in the project area. Upwind of the project area are the predominant tradewinds, the Pacific Ocean and coastal lands of East Kaua'i. The KES cafeteria abuts the proposed library site on the downwind (south) side, but it is not a generator of air pollutants.

Potential Impacts and Mitigation Measures

Impacts associated with the project would be limited to construction activities, specifically fugitive dust emissions and construction equipment exhaust emissions. During the construction phase, the contractor will adhere to best management practices as required by Department of

KAPA'A ELEMENTARY SCHOOL LIBRARY FINAL ENVIRONMENTAL ASSESSMENT

Health. Therefore, the proposed project is not expected to have significant negative impacts. During construction the following mitigation measures will be employed, as applicable:

- Frequent watering during construction activities to maintain dust control in active work areas at least twice daily on days without rainfall.
- Grassing as soon as practicable, once grading has been completed.
- Wind screening as appropriate to limit fugitive dust.
- Application of mulch and soil stabilizers on graded areas.
- Covering trucks traveling on roadways and on-site washing to keep dirt from traveled roadways.
- Monitoring dust at the project boundary during the construction period.

All construction activities will comply with State of Hawai'i Air Pollution Control regulations and the provisions of HAR §11-60.1-33 on Fugitive Dust. A combination of mitigation measures will be implemented to minimize air quality impacts. During construction, these measures can be adjusted to reflect current site conditions. The construction plan will also identify mitigation measures to minimize fugitive dust.

After construction, no serious long-term impacts on air quality are expected. Therefore, no mitigation measures are proposed.

5.5 VISUAL RESOURCES AND OPEN SPACE

The project site is a developed school campus with various buildings, open spaces and recreational equipment. Refer to the photographs in Appendix B.

Potential Impacts and Mitigation Measures

There are no significant views to or from the campus to be affected. The addition of a 7,390-square foot, one-story building will have little effect on the visual aspect of the campus, as it is already a developed area in the midst of other school buildings and facilities. No significant impacts are expected and therefore no mitigation measures are proposed.

5.6 POPULATION & SOCIAL BENEFITS

The resident population of the Kawaihau district is approximately 16,000 (2000 Census). The *de facto* population (resident plus visitor) for 2000-2001 was 23,170. Wailua-Kapa'a is the largest populated area on Kaua'i. Areas inland of the coast were subdivided during Territorial Government days for agricultural homesteads, but the primary activity is now transitioning from agricultural to residential use. Home building continues to increase as small land holdings are subdivided. The coastal area of Wailua-Waipouli to Kapa'a has become a resort and town center with hotels and shopping complexes for visitors and a business/shopping district for island residents.

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Potential Impacts and Mitigation Measures

The project will not affect the County's or the district's population growth rate or its characteristic makeup, nor will it lead to any population shifts. The construction of the new library will serve the needs of the existing school population of the Kawaihau District. Additionally, during after school hours the library may be available for community meetings. There are no expected adverse impacts on population characteristics from the project, and therefore no mitigation measures are proposed.

5.7 ECONOMIC CHARACTERISTICS

The economic character of East Kaua'i is changing from agriculture to residential, commercial and tourism. Through the 1990s, after transitioning from the closing of the sugar plantations and recovery from the aftermath of Hurricane Iniki, the economy appears buoyant. The Kaua'i General Plan (2000) reported that 30% of the island's visitor units were located in the Kawaihau District. Per capita income is below that of the state as a whole, and the unemployment rate is above the state average (2.8% vs. 2.6%), but lower than the national average of 4.6%.

The proposed project is estimated to cost approximately \$3,325,700 (in 2007 dollars) to construct.

Potential Impacts and Mitigation Measures

The construction of the new library will not change the economic character of the district as it will serve the existing student population and will not induce in-migration or any population shifts.

During the construction phase of the project, short-term economic benefits would be generated through the employment of construction labor, equipment mobilization and the purchase of construction materials. The impact will have a multiplier effect on the island economy, as well as generate excise tax revenues from the purchase of construction equipment and purchases made by construction workers. These workers will also pay income taxes, generating additional revenues to the State's economy. Once the library is in operation it will require operating revenue to pay for any additional library staff, electricity, etc. However, the project will be designed to reduce energy consumption through measures such as use of natural lighting and solar water heating panels, thus rendering the project not only more environmentally but economically sustainable.

The overall economic impact from the construction and operation of the new library is not expected to be significant. Therefore, no mitigation measures are required.

6.0

Assessment of the Existing Infrastructure & Public Services, & Potential Impact & Mitigation Measures



KAPA'A ELEMENTARY SCHOOL LIBRARY
FINAL ENVIRONMENTAL ASSESSMENT

6.0 ASSESSMENT OF THE EXISTING INFRASTRUCTURE AND PUBLIC SERVICES, AND POTENTIAL IMPACTS AND MITIGATION MEASURES

This section briefly discusses the existing infrastructure of the project area and the proposed infrastructure improvements and mitigation measures to address potential impacts. Various agencies provided comments during the DEA comment period (Appendix A).

6.1 TRANSPORTATION FACILITIES AND TRAFFIC

Existing Roadways:

Kūhiō Highway (State Highway No. 56) is part of the National Highway System going from Kapule Highway in Līhu'e to Anahola. From Kapule Highway to Waipouli it is a 3-lane road, then becomes a 2-lane road from Waika'ea Canal north to Anahola. It is the main thoroughfare in the region, paralleling the coastline. Roads running inland from Kūhiō Highway are under the jurisdiction of the County, providing access to mauka properties. These include Kawaihau Road, Mailihuna Road and Nunu Road, all of which abut the campus.

Potential Impacts and Mitigation Measures

Construction Phase: During construction, local traffic patterns may be impacted by the arrival and departure of construction trucks and construction workers. The transport of large construction equipment and delivery of construction materials are likely to have the most disruptive impact on the flow of traffic. However, this impact will be temporary and not constant. To obviate impacts to neighborhood motor and foot traffic, there will be a staging area on campus for construction vehicles, machinery and large equipment. The area will be fenced to prevent vandalism, theft and accidental personal injury.

Operational Phase: Construction of the new library building will serve the existing student population and school staff. The proposed library is not expected to have any impact on the existing roadway network, traffic to or from the campus or in the area. Therefore, no mitigation measures are proposed.

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6.2 WATER SUPPLY FACILITIES

The County Department of Water provides water service throughout the island. Water lines are generally located in the streets and distribute potable water for domestic and commercial consumption as well as fire protection. The existing transmission lines in the project area connect to the municipal systems. An 8-inch water line is located along Kūhiō Highway in Kapa‘a town center and a 12-inch water line is located along Kawaihau Road. Preliminarily, an additional service line or extension will need to be installed to connect to the new building.

Potential Impacts and Mitigation Measures

Since the proposed library will not lead to an increase in the student population on campus, no significant increase in water usage is expected. However, the Kauai County Department of Water has indicated during the pre-consultation and the DEA review periods that the system is at capacity. All new service lines will be designed in accordance with the applicable standards and conditions of the County Department of Water (see Appendix A for consultation correspondence). Since the Department of Water Supply has recommended that a larger water line be installed, installation of the line will involve removal of the surface layer, retrenching, installation of a larger diameter water line and removal or capping (sealing) of the existing waterline. During the waterline installation period there may be impacts to traffic during daylight hours, and noise and dust generation. The standard mitigation measures for the installation of waterlines are planned, such as soil erosion control and traffic control, on an as needed basis.

6.3 WASTEWATER FACILITIES

The existing transmission lines at the project site connect to the municipal system located in Kapa‘a town. Wastewater collected is transmitted to the Wailua wastewater treatment facility (WWTF) for treatment and disposal. The addition of a new service line for connection to the new building will be determined by the project engineer and approved by the County Division of Wastewater.

Potential Impacts and Mitigation Measures

Since the proposed building will not lead to an increase in the student population on campus, no significant increase in wastewater generation is expected.

New lines or connections will be designed in accordance with the applicable standards of the County. A County Wastewater official indicated in 2006 that the Wailua WWTF was at 60 percent capacity, with several projects expected to be online shortly thereafter. It is nonetheless anticipated that the Wailua WWTF should have adequate capacity to accommodate this project. No mitigation measures are planned.

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6.4 DRAINAGE FACILITIES

The DAGS Kaua'i District Officer noted in an August 16th, 2007 letter that during heavy rains runoff from Building A drains directly to the selected location of the new library building and that a drainage system will need to be designed that is adequate for the entire affected area. DPW commented during the DEA review period that storm water flows potentially impacting the proposed Kapa'a Fire Station site, to be sited on Kūhiō Highway about a half mile directly makai of KES, will need to be mitigated to pre-existing development conditions.

Potential Impacts and Mitigation Measures

Storm water runoff will be directed to the existing drainage swale to the east of the project site. This runoff will eventually flow to an existing underground drainage system. Improvements will be designed in accordance with the County of Kauai drainage standards. Increased runoff is expected to be negligible considering the previous development of the site and the lack of erosion potential of the underlying soil and should be accommodated by the existing system.

6.5 SOLID WASTE DISPOSAL FACILITIES

The county maintains an islandwide system of solid waste collection and disposal. Solid waste generated by the project will be taken to the Kapa'a Transfer Station then taken to the County landfill in Kekaha. There is a recycling station and a greenwaste diversion site in Kapa'a. The recycling station is one of six around the island operated by private contractors which receives newspaper, glass, aluminum, and paper products. The recycling stations help relieve the increasing volume of solid waste taken to the County landfill.

Potential Impacts and Mitigation Measures

Construction Phase: If feasible, the contractor will be required to prepare a construction debris recycling plan. If this is not feasible, construction debris generated during site preparation and project construction will be hauled by the contractor directly to the landfill. All disposal will follow state and county regulations.

To the greatest extent practicable, the applicant will also instruct the contractor to specify and use products with recycled content such as: steel, concrete aggregate fill, drywall, carpet and glass tile.

Operational Phase: Since the project will not increase the student population, the volume of additional solid waste generated should be insignificant. However, the applicant will be encouraged to incorporate provisions for recycling into the project design, utilizing a collection system and space for bins for recyclables. No other impacts are expected and no further mitigation measures are proposed.

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6.6 UTILITIES

Electricity: Kaua'i Island Utility Cooperative (KIUC) provides power to the entire island. The Kawaihau region is served by a tap off the mauka transmission line that connects the Wainiha Hydroelectric Plan on the north shore with Port Allen on the west. The tap provides power to Kapa'a Town, other developed coastal areas, and residential communities in Kapa'a and Wailua homestead areas. There is a 57 kV overhead line along Kūhiō Highway.

Telephone: Hawaiian Telcom has telephone lines along Kūhiō Highway. A request will be made for connection from overhead lines to the new building.

Potential Impacts and Mitigation Measures

Electricity: Additional electrical lines will need to be installed in accordance with the requirements of the KIUC. Impacts from the installation of additional lines to the project site will be negligible. No mitigation measures are proposed.

Energy-reduction features will be incorporated into the building design wherever possible and energy-reduction practices will be instituted, including the following:

- Minimization of east- and west-facing glass;
- Use of natural ventilation to increase comfort of occupants;
- Maximum use of natural lighting without heat gain;
- Use of high efficiency compact fluorescent lighting;
- Use of insulation/radiant barrier for an equivalent R-19 value in ceiling;
- Use of ceiling fans;
- Use of solar water heating; and
- Use of landscaping for dust control and to minimize heat gain to area.

Telephone: A request will be made for connection to an existing line. No impacts are expected. No mitigation measures are planned.

6.7 EMERGENCY SERVICES

Police: The main police station, the closest of the three on the island, is located in Līhu'e on Kā'ana Street, approximately 9.1 miles from the campus.

Fire: The nearest fire station is located on Kūhiō Highway in Kapa'a town, approximately 2.1 miles from the school campus.

Medical: Mahelona Hospital is located adjacent to the KES campus, providing inpatient, outpatient, and long-term care services with 70 beds and a small 9-bed psychiatric ward, in addition to emergency room services.

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Potential Impacts and Mitigation Measures

The Kaua'i Police and Fire Departments were pre-consulted on this draft EA. The Fire Department noted required compliance with the 1997 Uniform Fire Code in its DEA comment letter (see Appendix A). Neither department reported any concerns about the construction; they will continue to be consulted throughout the EA review process. Since emergency services will serve the existing student population and school staff, no significant impacts are anticipated as a result of the proposed project. No mitigation measures are proposed.

6.8 RECREATIONAL FACILITIES

Lydgate Park, a regional park in Wailua, and Kapa'a New Park, a district park, are the closest recreational facilities to the campus, in addition to the covered playcourt, swing set and play apparatus on campus near the proposed library site.

Potential Impacts and Mitigation Measures

Since the project will serve the existing student population, no significant impacts to recreational facilities are anticipated. No mitigation measures are proposed.

**KAPA'A ELEMENTARY SCHOOL LIBRARY
FINAL ENVIRONMENTAL ASSESSMENT**

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7.0 *Alternatives to the Proposed Action*



**KAPA'A ELEMENTARY SCHOOL LIBRARY
FINAL ENVIRONMENTAL ASSESSMENT**

7.0 ALTERNATIVES TO THE PROPOSED ACTION

Under *Hawai'i Administrative Rules*, Title 11, Chapter 200, Environmental Impact Statement Rules, Section 11-200-10(6), the alternatives to the proposed action considered are limited to those that would allow the objectives of the project to be met, while minimizing potential adverse environmental impacts. The feasible alternatives must also address the project's economic characteristics while responding to the surrounding land uses that will be impacted by the project. In conformance with applicable regulations, the following alternatives, including alternative sites and uses of the property, have been identified and investigated.

7.1 "NO-ACTION" ALTERNATIVE

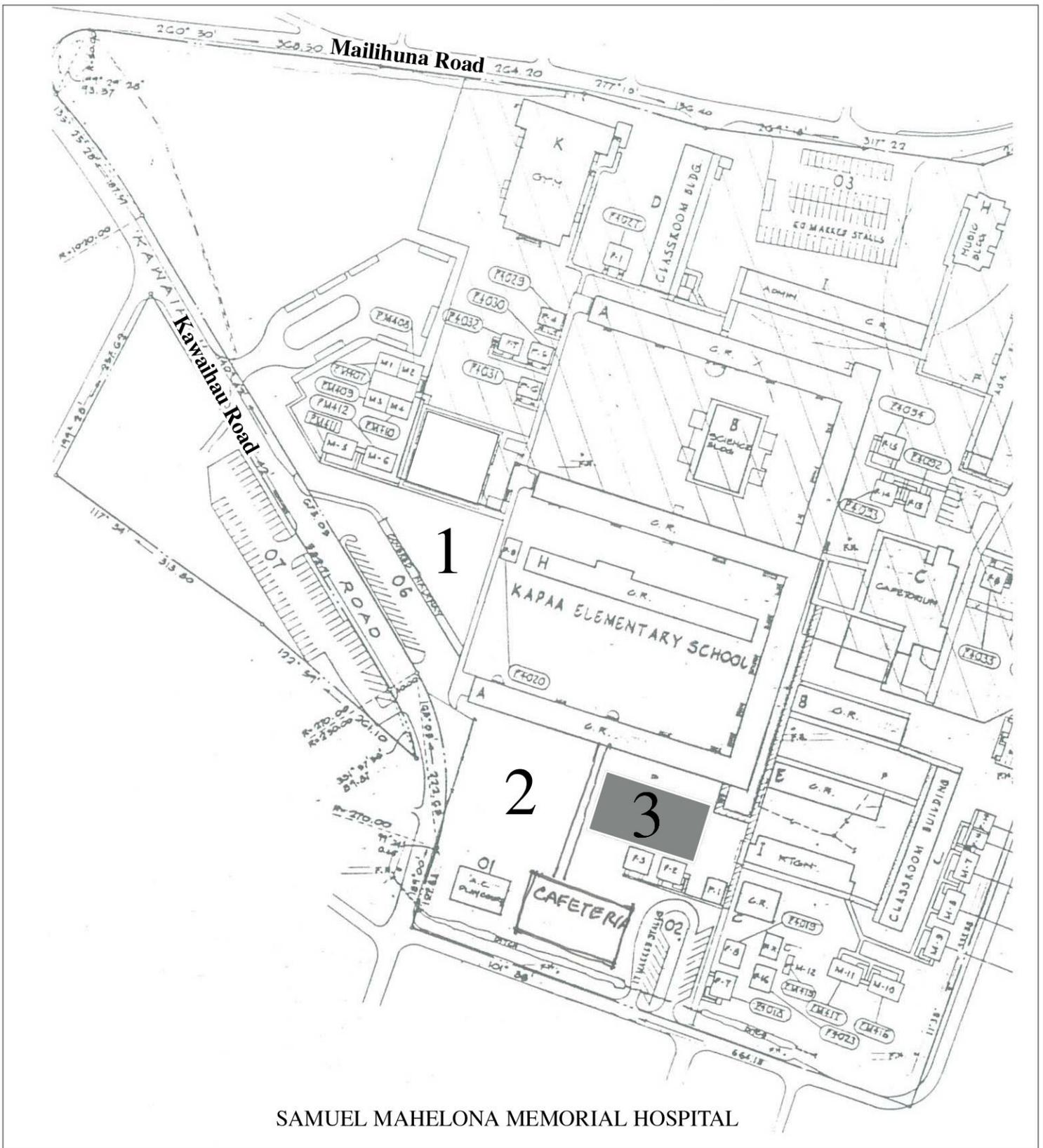
The "no-action" alternative would not resolve the current library space shortage problem. The current library is seriously overcrowded. About half of the elementary school students use the library on the adjacent Kapa'a High School campus. This alternative is unacceptable in terms of maintaining standards for scholarship and education and is therefore rejected.

7.2 ALTERNATIVE LOCATIONS ON CAMPUS

Three alternative sites on campus were selected for evaluation. All were clustered toward the south end of the campus. Fifteen factors were used in the analysis and site 3, the one closest to the northeast corner of the cafeteria, was selected as the preferred site. See Figure 10. An alternatives comparison chart can be found in Appendix C.

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SAMUEL MAHELONA MEMORIAL HOSPITAL

Legend

- 1, 2, 3 Alternative Sites
- Selected Alternative

FIGURE 10

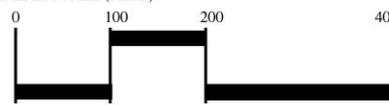
Alternative Sites Evaluated

Kapa'a Elementary School Library

DEPARTMENT OF EDUCATION

NORTH LINEAR SCALE (FEET)

ISLAND OF KAUAI



PBR HAWAII
& ASSOCIATES, INC.
SEPTEMBER 2007

8.0

*Determination, Findings,
& Reasons for Supporting Determination*



KAPA'A ELEMENTARY SCHOOL LIBRARY
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8.0 DETERMINATION, FINDINGS, AND REASONS FOR SUPPORTING DETERMINATION

This EA has evaluated the potential primary, secondary, and cumulative environmental impacts, both short-term and long-term, that could result from the proposed Kapa'a Elementary School Library project. Mitigation measures have also been proposed to address potential impacts resulting from the project.

8.1 SIGNIFICANCE CRITERIA

According to the DOH, *Hawai'i Administrative Rules* (HAR) §11-200-12, 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. The HAR establish a "significance criteria" to determine whether significant environmental impact will occur as a result of a proposed action. An action shall be determined to have a significant impact on the environment if it meets any one of the following criteria:

- (1) **Involves an irrevocable commitment to loss or destruction of any natural or cultural resources;**

The proposed project is not anticipated to involve any construction activity that may lead to a loss or destruction of any natural or cultural resource. There is little potential for encountering such resources, as most of the area within the site had been previously graded and developed. There are no expected impacts from the operational phase of the new library.

- (2) **Curtails the range of beneficial uses of the environment;**

The proposed project will not curtail the beneficial uses of the environment. The site has undergone previous development for decades. The selected location is currently open space. The proposed use is consistent with the current zoning and surrounding uses in the area.

- (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 project is not in conflict with the long-term environmental policies, goals, and guidelines of the State of Hawai'i. As presented earlier in this EA, the project's potential adverse impacts are associated only with the short-term construction-related activities, and such impacts can be mitigated through adherence to standard construction mitigation practices.

- (4) **Substantially affects the economic or social welfare of the community or state;**

The proposed project will have no adverse effects on the economy or social welfare of Kapa'a, the district of Kawaihau or the County of Kaua'i. The new library building will serve the existing student population. As such it will not induce in-migration to the area, cause any population shifts, nor will it have any substantial negative effect on area businesses.

**KAPA'A ELEMENTARY SCHOOL LIBRARY
FINAL ENVIRONMENTAL ASSESSMENT**

(5) Substantially affects public health;

There is a potential for temporary impacts to noise, air and water quality during the construction phase of the project. However, these potential impacts can be mitigated so that some will be negligible. Those impacts that cannot be completely avoided will be short-term and are not expected to substantially affect public health. All construction activities will comply with applicable regulations and will implement appropriate mitigation measures. After construction, the development should have minimal or no impact on ambient noise levels, or air and water quality.

(6) Involves substantial secondary impacts, such as population changes or effects on public facilities;

The new library building will serve the existing student population, will not induce in-migration to the area, cause any population shifts or affect any public facilities.

(7) Involves a substantial degradation of environmental quality;

Construction activities associated with the proposed project are anticipated to result in negligible short-term impacts to noise, air-quality, and traffic in the immediate vicinity. With the incorporation of the recommended mitigation measures during the construction period, the project will not result in degradation of environmental quality.

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

Because this is a stand-alone project no cumulative effects are anticipated. The proposed project involves installation of a new building, whose use is consistent with the current zoning, previous use and surrounding uses.

(9) Substantially affects a rare, threatened or endangered species or its habitat;

The project site has been highly disturbed for many years. No known, threatened, or endangered species of flora or fauna or their associated habitats are believed to remain on the project site that could be adversely affected by the construction or operation of the proposed project.

(10) Detrimentially affects air or water quality or ambient noise levels;

Construction activities for development of the property could potentially impact air and water quality and ambient noise levels. However, these impacts will be short-term and are not expected to be detrimental. All construction activities will comply with applicable regulations and will implement appropriate mitigation measures as necessary. After construction, the development is not expected to adversely impact ambient noise levels or water and air quality. Although impervious surfaces may be created on currently open land, any increase in runoff would be accommodated by new drainage facilities and should not detrimentally affect water quality.

**KAPA'A ELEMENTARY SCHOOL LIBRARY
FINAL ENVIRONMENTAL ASSESSMENT**

- (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 development will not affect any environmentally sensitive area. The project is located outside a FIRM-designated flood plain and well inland from the coast. As the new development is small in scope and the erosion hazard is slight for the underlying soil type, there will be no effect on existing drainage patterns, or on surface or coastal waters. The proposed facilities will be constructed in compliance with the County of Kaua'i building codes to mitigate the potential hazards from earthquakes.

- (12) Substantially affects scenic vistas and view planes identified in county or state plans or studies;**

The new library building will be constructed on a developed school campus tucked in among existing facilities. It will not affect any scenic vistas nor will it be a significant addition to the landscape when viewed from public vantage points.

- (13) Requires substantial energy consumption.**

Construction and operation of the project will not require substantial increases in energy consumption. As it is one of the project's objectives to design to LEED Silver standard, it will require less energy than a conventional project.

8.2 DETERMINATION

The DOE does not foresee that the proposed project will have any significant adverse impact on the existing natural, physical, or human environment, and, as the approving agency, has issued a finding of no significant impact (FONSI).

**KAPA'A ELEMENTARY SCHOOL LIBRARY
FINAL ENVIRONMENTAL ASSESSMENT**

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9.0

Consulted Parties



**KAPA'A ELEMENTARY SCHOOL LIBRARY
FINAL ENVIRONMENTAL ASSESSMENT**

9.0 CONSULTED PARTIES

9.1 DRAFT EA PRE-CONSULTATION

On August 1, 2007, letters requesting pre-consultation comments on the proposed project were sent to the parties listed below. Any comments received and response letters have been reproduced and are included in Appendix A.

Legislative and community contacts

Kaua'i County Council

County of Kaua'i

Office of the Mayor

* Department of Water

Department of Public Works

Department of Planning

Fire Department

* Police Department

State of Hawai'i

DOE Facilities Planning Branch

* DAGS - Kaua'i Branch

DBEDT Land Use Commission

* DBEDT Strategic Industries Division

DBEDT Office of Planning

Department of Health - Environmental Planning Office

Office of Environmental Quality Control

* Department of Land and Natural Resources

* State Historic Preservation Div., DLNR

* Office of Hawaiian Affairs

UH Environmental Center, University of Hawai'i

Private

Kaua'i Island Utility Cooperative

*Agencies that provided written comments during the pre-consultation period. Comments received and response letters have been reproduced and are included in Appendix A.

**KAPA'A ELEMENTARY SCHOOL LIBRARY
FINAL ENVIRONMENTAL ASSESSMENT**

9.2 THOSE RECEIVING A COPY OF THE DRAFT EA

On October 19th, 2007 the draft EA was distributed to the following:

Community

Kaua'i Public Library

County of Kaua'i

Department of Planning

* Department of Water

* Fire Department

* Dept. of Public Works

Police Department

State of Hawai'i

* Department of Health - Environmental Planning Office

* Department of Land and Natural Resources

Office of Environmental Quality Control

UH Environmental Center

DLNR State Historic Preservation Division

* DBEDT Strategic Industries Division

* Office of Hawaiian Affairs

DAGS - Kauai Branch

*Agencies that provided written comments during the Public Review period. Comments received and response letters have been reproduced and are included in Appendix A.

10.0

References



**KAPA'A ELEMENTARY SCHOOL LIBRARY
FINAL ENVIRONMENTAL ASSESSMENT**

10.0 REFERENCES

Belt Collins. (May 2006). *Final Environmental Assessment, Proposed 0.5 MG Storage Tank, Kawaihau, Kaua'i, Hawai'i*. Prepared for the Kaua'i Department of Public Works.

Belt Collins. (April 2006). *Final Environmental Assessment, Proposed Fire Station, Kawaihau, Kaua'i, Hawai'i*. Prepared for the Kaua'i Public Works Department.

County of Kaua'i Planning Department. (November 2000). *Kaua'i General Plan*

Hawai'i, State of. Department of Accounting & General Services. (April 1996). *Final Environmental Assessment, Kapa'a Elementary School Building "D" Demolition/Replacement Cafetorium*. Prepared for the Hawai'i State Department of Education.

Hawai'i, State of. Department of Agriculture. (1977). *Agricultural Lands of Importance to the State of Hawai'i*. Honolulu, Hawai'i.

Hawai'i, State of. Department of Business and Economic Development and Tourism. (1993). *Hawai'i Model Energy Code*. Honolulu, Hawai'i.

Hawai'i, State of. Department of Labor and Industrial Relations. (August 2007). *DLIR News Release MR 2007 10: "Hawai'i's Seasonally Adjusted Unemployment Rate at 2.6 Percent in July."*

Hawai'i, State of. Land Use Commission <http://luc.state.hi.us/>

Hawai'i, State of. Office of State Planning. (1989). *The Hawai'i State Plan*. Honolulu, Hawai'i.

Juvik, S.P. (1998). *Atlas of Hawai'i*. 3rd edition. Honolulu: University of Hawai'i Press. Honolulu, Hawai'i.

Kaua'i Board of Realtors. Kaua'i County Code

Kimura International. (April 2007). *Lydgate Park – Kapa'a Bike/Pedestrian Path*. Prepared for Kaua'i Department of Public Works.

SSFM International. (August 2003). *Final Environmental Assessment, Kapa'a – Keālia Bike & Pedestrian Path, Basis of Design Project*. Prepared for the Kaua'i Department of Public Works.

SSFM International. (December 2006). *Final Environmental Assessment, Kapa'a Soccer Park*. Prepared for the Kaua'i Department of Public Works.

US Department of Agriculture Natural Resources Conservation Service. (August, 1972). *Islands of Kaua'i, Oahu, Maui, Molokai, and Lanai, State of Hawai'i*. Honolulu, Hawai'i

US Green Building Council website <http://www.usgbc.org>

**KAPA'A ELEMENTARY SCHOOL LIBRARY
FINAL ENVIRONMENTAL ASSESSMENT**

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Appendix A
Pre-Consultation Comments
& Response Letters



LETTER NO. KDO 08 0056

STATE OF HAWAII
DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES
KAUAI DISTRICT OFFICE
1680 Halekukana Street
Lihue, Hawaii 96766-9063

TO: Mr. Vincent Shigekuni, VP
PBR Hawaii & Associates, Inc.

FROM: District Engineer, Kauai

SUBJECT: Pre-Consultation for the Kapaa Elementary School New Library Draft Environmental Assessment, Kawaihou Road, Kapaa, Kauai; T.M.K.: 4-16-14:31

Date: August 16, 2007

We have reviewed the subject project and:

Have no comments.

Request the following:

The proposed project doesn't have an impact on any of our existing or proposed projects, plans, policies, or programs. However, drainage of Building A should be addressed when designing the proposed project. Currently during heavy rains, the runoff from Building A drains directly to where the new library will be located. A drainage system will need to be designed that will be adequate for the entire affected area.

cc:

STANLEY S. DOI



October 11, 2007

W. FRANK BRANDT, FASLA
Chairman

THOMAS S. WITTEN, ASLA
President

R. STAN DUNCAN, ASLA
Executive Vice-President

RUSSELL Y. J. CHUNG, FASLA
Executive Vice-President

VINCENT SHIGEKUNI
Vice-President

GRANT T. MURAKAMI, AICP
Principal

TOM SCHNELL, AICP
Senior Associate

RAYMOND T. HIGA, ASLA
Senior Associate

KEVIN K. NISHIKAWA, ASLA
Associate

KIMI MIKAMI YUEN, LEED AP
Associate

SCOTT ALIKA ALBRIGO
Associate

SCOTT MURAKAMI, ASLA
Associate

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Fax: (808) 521-1402
E-mail: tyadaming@pbrhawaii.com

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Tel: (808) 935-4282
Fax: (808) 961-4989

WAILUKU OFFICE
1787 Wai'Pa Loop, Suite 4
Wailuku, Hawaii 96793-1271
Tel: (808) 242-2878

Mr. Stanley S. Doi, Kauai District Engineer
State of Hawaii
Department of Accounting & General Services
1680 Halekukana Street
Lihue, Hawaii 96766

SUBJECT: **PRE-CONSULTATION FOR THE KAPAA ELEMENTARY SCHOOL LIBRARY DRAFT ENVIRONMENTAL ASSESSMENT (DEA); KAWAIHOU ROAD, KAPAA, KAUAI; T.M.K.: 4-6-14; por. 31**

Dear Mr. Doi:

Thank you for your letter dated August 16, 2007 (your Letter No. KDO 08.0056) on the above-captioned project.

You recommended addressing Building A drainage issues during the project's design phase, since heavy rains from this building flow directly to the site selected for the new library building. You also noted that a new drainage system will need to be designed that will be adequate for the affected area. The information you provided has been forwarded to the project's civil engineers and will also appear in the DEA.

We will forward a copy of the DEA for your review. Please do not hesitate to contact me if you need any additional information or have any questions.

Sincerely,

PBR HAWAII

Vincent Shigekuni

Vincent Shigekuni
Vice President

C: Angela Phillips, KYA Design Group

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**DEPARTMENT OF BUSINESS,
ECONOMIC DEVELOPMENT & TOURISM**

LINDA LINGLE
GOVERNOR
THEODORE E. LIU
COMMISSIONER
MARK K. ANDERSON
DEPUTY DIRECTOR

STRATEGIC INDUSTRIES DIVISION
235 South Beretania Street, Loloopiga A Kamelameha Bldg., 5th Floor, Honolulu, Hawaii 96813
Mailing Address: P.O. Box 2359, Honolulu, Hawaii 96804

Telephone: (808) 587-3827
Fax: (808) 585-2556
Web site: www.hawaii.gov/dbedt



**PBR HAWAII
& ASSOCIATES, INC.**

October 11, 2007

W. FRANK BRANDT, FASIA
Chairman

THOMAS WITTEN, ASIA
President

B. STAN DUNCAN, ASIA
Executive Vice-President

RUSSELL Y. CHUNG, FASIA
Executive Vice-President

VINCENT SHIGEKUNI
Vice-President

GRANT T. MURAKAMI, AICP
Principal

TOM SCHINELL, AICP
Senior Associate

RAYMOND T. HIGA, ASIA
Senior Associate

REVINK NISHIKAWA, ASIA
Associate

KIMIYUKI YUEN, LEED AP
Associate

SCOTT ALIKA ARRIGO
Associate

SCOTT MURAKAMI, ASIA
Associate

Mr. Maurice H. Kaya, Chief Technology Officer
State of Hawaii
Department of Business, Economic Development & Tourism
Strategic Industries Division
PO Box 2359
Honolulu, Hawaii 96804

**SUBJECT: PRE-CONSULTATION FOR THE KAPAA ELEMENTARY
SCHOOL LIBRARY DRAFT ENVIRONMENTAL
ASSESSMENT (DEA); KAWAIHAU ROAD, KAPAA,
KAUAI; T.M.K.: 4-6-14; por. 31**

Dear Mr. Kaya:

Thank you for your letter dated August 13, 2007 on the above-captioned project. We note that you have no comments to offer at this time.

We will forward a copy of the DEA for your review. Please do not hesitate to contact me if you need any additional information or have any questions.

Sincerely,

PBR HAWAII

Vincent R. Shigekuni

Vincent Shigekuni
Vice President

HONOLULU OFFICE
101 Bishop Street, Suite 650
ASB Tower
Honolulu, Hawaii 96813-2484
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Fax: (808) 961-4989

WAILUKU OFFICE
1787 Wili Pi Loop, Suite 4
Wailuku, Hawaii 96793-1371
Tel: (808) 242-2878

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August 13, 2007

Mr. Vincent Shigekuni
Vice President
PBR Hawaii & Associates
1001 Bishop St., Ste 650
Honolulu, Hawaii 96813-

Dear Mr. Shigekuni:

Re: Pre-consultation for the Kapaa Elementary School New Library, Kauai
Draft Environmental Assessment
Tax Map Key: 4-16-14-31

Thank you for the opportunity to provide comments on the proposed construction of a new 7,000 square foot library on the Kapaa Elementary School campus. We would like to defer our comments until receipt of the Draft Environmental Assessment.

Sincerely,

Maurice H. Kaya

Maurice H. Kaya
Chief Technology Officer





LAND AND NATURAL RESOURCES
 DIVISION
 DEPARTMENT OF LAND AND NATURAL RESOURCES
 HONOLULU, HAWAII 96809



STATE OF HAWAII
 DEPARTMENT OF LAND AND NATURAL RESOURCES
 LAND DIVISION
 POST OFFICE BOX 621
 HONOLULU, HAWAII 96809

RECEIVED
 AUG 14 2007
 PBR HAWAII

August 10, 2007

PBR Hawaii & Associates, Inc.
 1001 Bishop Street
 ASB Tower Suite 650
 Honolulu, Hawaii 96813

Attention: Mr. Vincent Shigekuni
 Gentlemen:

Subject: Pre-Consultation for the Draft Environmental Assessment for the Kapaa
 Elementary School New Library, Kapaa, Kawai, Tax Map Key: (4) 4-6-
 14;portion of 31

Thank you for the opportunity to review and comment on the subject matter. The
 Department of Land and Natural Resources has no comment to offer on the subject matter.
 Should you have any questions, please feel free to call our office at 587-0433. Thank you.

Sincerely,

 Russell Y. Tsuji
 Administrator



October 11, 2007

W. FRANK BRANDT ASLA
 Chairman

THOMAS S. WITTEN ASLA
 President

R. STAN DUNCAN ASLA
 Executive Vice-President

RUSSELL Y. J. CHUNG ASLA
 Executive Vice-President

VINCENT SHIGEKUNI
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 1787 Wili Pi Loop, Suite 4
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 Tel: (808) 242-2878

Mr. Russell Y. Tsuji, Administrator
 State of Hawaii
 Department of Land & Natural Resources
 Land Division
 PO Box 621
 Honolulu, Hawaii 96809

SUBJECT: PRE-CONSULTATION FOR THE KAPAA ELEMENTARY
 SCHOOL LIBRARY DRAFT ENVIRONMENTAL
 ASSESSMENT (DEA); KAWAIIHOU ROAD, KAPAA,
 KAUAI; T.M.K.: 4-6-14; por. 31

Dear Mr. Tsuji:

Thank you for your letter dated August 10, 2007 on the above-captioned project.
 We note that you have no comments to offer at this time.

Please do not hesitate to contact me if you need any additional information or
 have any questions.

Sincerely,

PBR HAWAII

 Vincent Shigekuni
 Vice President

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PHONE (808) 594-1888

FAX (808) 594-1885



STATE OF HAWAII
OFFICE OF HAWAIIAN AFFAIRS
711 KAPIOLANI BOULEVARD, SUITE 500
HONOLULU, HAWAII 96813

Vincent Shigekuni
Vice President
August 14, 2007
Page 2

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AUG 16 2007
PBR HAWAII

C. Kanani Kagawa
Community Resources Coordinator, Kapa'a Office
Office of Hawaiian Affairs,
3-3100 Kuhio Hwy. Suite C4
Lihue, Hawaii 96766-1153

HRD07/3156

August 14, 2007

Vincent Shigekuni
Vice President
PBR Hawaii & Associates, Inc.
1001 Bishop Street,
ABS Tower, Suite 650
Honolulu, Hawaii 96813-3484

RE: Pre-Consultation for the Kapa'a Elementary School New Library, Kawaihau
Road, Kapa'a, Kapa'a, TMK: 4-6-14-031.

Dear Mr. Shigekuni,

The Office of Hawaiian Affairs (OHA) is in receipt of your request for written comments
for a draft Environmental Assessment addressing activities and impacts for the Kapa'a
Elementary School New Library, Kawaihau Road, Kapa'a, Kapa'a.

OHA appreciates having been consulted with at this early stage in the project. We did
notice a minor discrepancy regarding the TMK number. However, this was easily
cleared after a brief conversation with Mr. Shigekuni and, as a result, OHA is using the
updated TMK number in this letter. At this time, OHA does not have any further
comments and we look forward to receiving the Draft Environmental Assessment.

Thank you for the opportunity to comment. If you have any further questions or concerns
please contact Grant Arnold at (808) 594-0239 or grant@oha.org.

Sincerely,

Clyde W. Namu'o
Administrator



PBR HAWAII & ASSOCIATES, INC.

October 11, 2007

W. FRANK BRANDT, FASLA
Chairman

THOMAS S. WITTE, ASLA
President

R. STAN DUNCAN, ASLA
Executive Vice-President

RUSSELL Y. I. CHUNG, FASLA
Executive Vice-President

VINCENT SHIGEKUNI
Vice-President

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Principal

TOM SCHINELL, AICP
Senior Associate

RAYMOND T. HIGA, ASLA
Senior Associate

KEVIN K. NISHIKAWA, ASLA
Associate

KIMI MIKAMI YUEN, LEED AP
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SCOTT ALIKA, ABRIGO
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SCOTT MURAKAMI, ASLA
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Tel: (808) 742-3878

LINDA LINGLE
GOVERNOR OF HAWAII



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PBR HAWAII

STATE OF HAWAII

DEPARTMENT OF LAND AND NATURAL RESOURCES

STATE HISTORIC PRESERVATION DIVISION
601 KAMOKILA BOULEVARD, ROOM 555
KAPOLEI, HAWAII 96707

LAILA R. THURLEY
DIRECTOR OF HISTORIC PRESERVATION
OFFICE OF HISTORIC PRESERVATION
DIVISION OF NATURAL RESOURCES MANAGEMENT

ALLAN A. SHIHI
INTERIM DIRECTOR - LAND

SER. C. KAWAIIANA
IDENTIFICATION - WHP

ROYALTY GARDNER
PLANNING - WHP

COLLEEN M. GARDNER
CONSERVATION AND QUALITY LAND
CONSTRUCTION - WHP

ANDREW J. HARRIS
ARCHITECTURE - WHP

ESTHER P. WAZARZI
HISTORIC PRESERVATION
LAND

SCOTT WALKER
PLANNING

August 10, 2007

Vincent Shigekuni, Vice President

PBR Hawaii

1001 Bishop Street, ASB Tower Suite 310

Honolulu, Hawaii 96813

Dear Mr. Shigekuni:

**SUBJECT: Chapter 6E-42- Historic Preservation Review -
Pre-Consultation for the Kapaa Elementary School New Library DEA
Kapaa, Kawaihau, Kauai
TMK: (4) 4-16-14: 31**

The aforementioned project is for a new library for Kapaa Elementary School.

We believe that "no historic properties will be affected" by this undertaking because:

- Intensive cultivation has altered the land
- Residential development/urbanization has altered the land
- Previous grubbing/grading has altered the land
- An accepted archaeological inventory survey (AIS) found no historic properties
- SHPD previously reviewed this project and mitigation has not been completed
- Other:

In the event that historic resources, including human skeletal remains are identified during the construction activities, all work needs to cease in the immediate vicinity of the find. The find needs to be protected from additional disturbance and the State Historic Preservation Division, Kauai Section, needs to be contacted immediately at (808) 742-7033.

Aloha,

O:\VOB2\02605.02\Kapaa Elem Library\Preconsultation\responses

Melanie A. Chinen, Administrator
State Historic Preservation Division

NM:

Thank you for your letter dated August 14, 2007 (your reference number HRD07/3156) on the above-captioned project. We note that you have no comments to offer at this time.

We will forward a copy of the DEA for your review. Please do not hesitate to contact me if you need any additional information or have any questions.

Sincerely,

PBR HAWAII

Vincent Shigekuni

Vincent Shigekuni
Vice President

**SUBJECT: PRE-CONSULTATION FOR THE KAPAA ELEMENTARY
SCHOOL LIBRARY DRAFT ENVIRONMENTAL
ASSESSMENT (DEA); KAWAIIHAU ROAD, KAPAA,
KAUAI; T.M.K.: 4-6-14; por. 31**

Attn: Grant Arnold

Mr. Clyde W. Namu'o, Administrator
State of Hawaii'i

Office of Hawaiian Affairs

711 Kapi'olani Boulevard, Suite 500

Honolulu, Hawaii'i 96813



October 11, 2007

W. FRANK BRANDT, FASLA
Chairman

THOMAS WITTEN, ASLA
President

R. STAN DUNCAN, ASLA
Executive Vice-President

RUSSELL Y. L. CHUNG, FASLA
Executive Vice-President

VINCENT SHIGEKUNI
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Principal

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Senior Associate

RAYMOND T. HIGA, ASLA
Senior Associate

KEVIN K. NISHIKAWA, ASLA
Associate

KIMI MIKAMI YUEN, LEED AP
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SCOTT MURAKAMI, ASLA
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1787 Wili Pi Loop, Suite 4
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Tel: (808) 245-2878

Ms. Melanie A. Chinen, Administrator
State of Hawaii
Department of Land & Natural Resources
State Historic Preservation Division
601 Kamokila Boulevard, Room 555
Kapolei, Hawaii 96707

SUBJECT: PRE-CONSULTATION FOR THE KAPAA ELEMENTARY SCHOOL LIBRARY DRAFT ENVIRONMENTAL ASSESSMENT (DEA); KAWAIHAU ROAD, KAPAA, KAUAI; T.M.K.: 4-6-14; por. 31

Dear Ms. Chinen:

Thank you for your letter dated August 10, 2007 (your log number 2007.2650; doc number 0708NM07) on the above-captioned project.

We acknowledge that your determination that "no historic properties will be affected" by the proposed project because both intense cultivation and previous grubbing/grading have altered the land.

As a mitigation measure, the following will be added to the DEA: "in the event that historic resources, including skeletal remains, are identified during the construction activities, all work will cease in the immediate vicinity of the find, the find will be protected from additional disturbance and the State Historic Preservation Division, Kauai Section, will be notified immediately."

We will forward a copy of the DEA for your review. Please do not hesitate to contact me if you need any additional information or have any questions.

Sincerely,

PBR HAWAII

Vincent Shigekuni
Vice President

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RYAN J. BAPTISTE
Mayor
GARY HEU
Administrative Assistant

**POLICE DEPARTMENT
COUNTY OF KAUAI**

3990 KAAANA STREET, SUITE 200
LIHUE, HAWAII 96766-1268
TELEPHONE (808) 241-1600
FAX (808) 241-1604

August 13, 2007

Vincent Shigekuni
Vice President
PBR HAWAII & ASSOCIATES, INC.
1001 Bishop Street
ASB Tower, Suite 650
Honolulu, HI 96813-3484

Dear Mr. Shigekuni:

Thank you for your letter regarding the Environmental Assessment for the proposed Kapaa Elementary School New Library.

We do not anticipate any negative impact on our policies or programs by the proposed project. However if our situation changes, we would like to conduct an on-site assessment with a representative of the project.

Sincerely,

Clayton K. Arinaga
Acting Chief of Police

sy



ADMITTED TO
COMMUNICATIONS TO
CLAYTON K. ARINAGA
Acting Chief of Police

GORDON S. ISODA
Acting Deputy Chief
RECEIVED

AUG 17 2007
PBR HAWAII



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Senior Associate

KEVIN K. NISHIKAWA, ASLA
Associate

KIMI MIKAMI YUEN, LEED AP
Associate

SCOTT ALIKA ABRIGO
Associate

SCOTT MURAKAMI, ASLA
Associate

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Hilo Lagoon Center, Suite 310
Hilo, Hawaii 96720-4952
Tel: (808) 964-3658
Fax: (808) 961-1949

WAILUKU OFFICE
1787 Wili Pa Loop, Suite 4
Wailuku, Hawaii 96793-1271
Tel: (808) 242-2878



September 5, 2007

Mr. Vincent Shigekuni
PBR Hawaii & Associates, Inc.
1001 Bishop Street
ASB Tower, Suite 650
Honolulu, HI 96813-3484

Dear Mr. Shigekuni:

Subject: Pre-Consultation for the Kapaa Elementary School New Library Draft
Environmental Assessment, Kawaihau Road, TMK: 4-6-14:031, Kapaa, Kauai,
Hawaii

This letter is in response to your August 1, 2007 water service inquiry letter.

The following Department of Water (DOW) response is for informational purposes only and describes the present water system status. It is subject to change without further notice. It does not represent a commitment or approval by the Department of the proposed or future water meter requests and/or subdivision and building permit applications. The inquirer is responsible to request information on water system status in the future.

Any actual subdivision or development of this area will be dependent on the adequacy of the source, storage, and transmission facilities existing at that time. The existing storage facilities are operating at capacity. Water service will be limited to the existing meters serving the lot. The existing transmission facilities are inadequate to provide the required fire flows required for school use.

Prior to building permit approval for the new library, the applicant shall:

1. Prepare and receive DOW approval of construction drawings of the necessary water system facilities and construct said facilities. These facilities shall include but not be limited to:
 - a) An extension of a main 16-inches in diameter, approximately 2,700 feet in length, beginning at the 0.2 MG storage tank located near the Kawaihau/Kaapuni Road intersection and running easterly along Kawaihau Road to the Kawaihau Road/Kaehulua Road intersection and reconnecting to the existing 12-inch main serving the 313 foot service (lower Kapahi) area.
 - b) The fire service connections.
 - c) The interior plumbing plans with the appropriate backflow prevention assemblies, if applicable.

October 11, 2007

Acting Chief Clayton K. Arinaga
Police Department
County of Kauai
3990 Kaana Street, Suite 200
Lihue, Hawaii 96766

SUBJECT: PRE-CONSULTATION FOR THE KAPAA ELEMENTARY SCHOOL LIBRARY DRAFT ENVIRONMENTAL ASSESSMENT (DEA); KAWAIHAU ROAD, KAPAA, KAUAI; T.M.K.: 4-6-14; por. 31

Dear Chief Arinaga:

Thank you for your letter dated August 13, 2007 on the above-captioned project. We note that you do not anticipate any negative impact on your policies or programs, and that, should your situation change, you would like the opportunity to conduct an on-site assessment with a project representative. Your comments will be forwarded to the applicant and will also appear in the DEA.

We will forward a copy of the DEA for your review. Please do not hesitate to contact me if you need any additional information or have any questions.

Sincerely,

PBR HAWAII

Vincent R. Shigekuni

Vincent Shigekuni
Vice President

C: Angela Phillips, KYA Design Group

O:\VOB262605.02\Kapaa Elem Library\Preconsultation\responses

October 10, 2007

Mr. Gregg Fujikawa, Chief of Water Resources and Planning
Department of Water
County of Kauai
4398 Pua Loke St.
P.O. Box 1706
Lihue, HI 96766

SUBJECT: PRE-CONSULTATION LETTER FOR THE KAPAA ELEMENTARY SCHOOL
LIBRARY DRAFT ENVIRONMENTAL ASSESSMENT (DEA), KAWAIIHAU
ROAD, TMK 4-6-14:031, KAPAA, KAUAI, HAWAII

Dear Mr. Fujikawa:

Thank you for the letter dated September 5, 2007 regarding the subject project.

We acknowledge your determination that the existing storage facilities, as of the date of the letter, are operating at capacity and are inadequate to provide the required fire flows required for school use.

You stipulated that prior to building permit approval, the applicant shall prepare and receive Department of Water approval of construction drawings of the necessary water system facilities and construct said facilities, including a 2,700 foot long extension of 16-inch main from 0.2MG storage tank located near Kawaihau Kaapuni Road intersection to Kawaihau Road/ Kaehulua Road intersection and reconnect to the existing 12-inch main serving lower Kapahi area, necessary fire service connections, and interior plumbing plans with backflow prevention assemblies, if applicable. The applicant shall also receive a 'Certificate of Completion' from the DOW for the necessary water system facilities.

Per October 3, 2007 email from Mike Shigelani, DOE Facilities Development, the DOE will pursue additional funds to complete this scope.

PBR will forward a copy of the DEA for your review. Please do not hesitate to contact me if you need any additional information or have any questions.

Sincerely,

Angie Phillips
kya design group

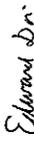
Mr. Vincent Shigekuni
PBR Hawaii & Associates, Inc.
Pre-Consultation for the Kapaa Elementary School New Library Draft
Subject: Environmental Assessment, Kawaihau Road, TMK: 4-6-14:031, Kapaa, Kauai,
Hawaii
September 5, 2007
Page 2

2. Receive a "Certification of Completion" for the completion of the necessary water system facilities from the DOW.

The above comments are valid for a period of one (1) year from the date of this letter. After this one year period, the above comments shall be null and void and the applicant must re-inquire to the Department for water service. Any such water service inquiry will be dependent on the adequacy of the source, storage, and transmission facilities existing at that time.

If you have any questions, please contact Mr. Keith Aoki at (808) 245-5418.

Sincerely,



For Gregg Fujikawa
Chief of Water Resources and Planning

KAA-111
W4-6-14-031 Kapaa new library T-8935

LAWRENCE W. WILKINSON
CHAIRMAN
BOARD OF LAND AND NATURAL RESOURCES
DEPARTMENT OF LAND AND NATURAL RESOURCES
HONOLULU, HAWAII 96809



STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
LAND DIVISION

POST OFFICE BOX 621
HONOLULU, HAWAII 96809

October 25, 2007



PBR Hawaii
ASB Tower Suite 650
1001 Bishop Street
Honolulu, Hawaii 96813

Attention: Mr. Vincent Shigeckuni

Gentlemen:

Subject: Draft Environmental Assessment for Kapaa Elementary School Library,
Kapaa, Kauai, Tax Map Key: (4) 4-6-14-portion 31

Thank you for the opportunity to review and comment on the subject matter. The Department of Land and Natural Resources' (DLNR) has no other comments to offer on the subject matter. Should you have any questions, please feel free to call our office at 587-0433. Thank you.

Sincerely,

Russell Y. Tsuji
Russell Y. Tsuji
Administrator



W. FRANK BRANDT, FASLA
Chairman

THOMAS WITTEN, ASLA
President

R. STAN DUNCAN, ASLA
Executive Vice-President

RUSSELL Y. TSUJI, FASLA
Executive Vice-President

VINCENT SHIGECKUNI
Vice-President

GRANT MURAKAMI, AICP
Principal

TONY SCINELL, AICP
Senior Associate

RAYMOND THIGA, ASLA
Senior Associate

KEVIN K. NISHIKAWA, ASLA
Associate

KIM MURAKAMI YUJI, LEED AP
Associate

SCOTT ALIKA, MIREGO
Associate

SCOTT MURAKAMI, ASLA
Associate

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Fax: (808) 961-3333

WAILUKU OFFICE
1782 Wili Wili Loop, Suite 4
Wailuku, Hawaii 96793-1271
Tel: (808) 242-2878

December 4, 2007

Mr. Russell Y. Tsuji, Administrator
Department of Land & Natural Resources
Land Division
State of Hawai'i
PO Box 621
Honolulu, Hawai'i 96809

Dear Mr. Tsuji:

Subject: Kapaa Elementary School Library Draft Environmental Assessment

Thank you for your letter dated October 23, 2007. We note that you have no comments to offer on the project.

We appreciate your participation in the environmental review process. If you have any questions please do not hesitate to contact me.

Sincerely,

Vincent Shigeckuni

Vincent Shigeckuni
Vice President

BRYAN J. BAPTISTE
MAYOR

GARY K. HEU
ADMINISTRATIVE ASSISTANT



AN EQUAL OPPORTUNITY EMPLOYER

COUNTY OF KAUAI
DEPARTMENT OF PUBLIC WORKS
4444 RICE STREET
MO'IKHEA BUILDING, SUITE 275
LIHUE, KAUAI, HAWAII 96766-1340

October 25, 2007

PBR Hawai'i
ASB Tower, Suite 650
1001 Bishop Street
Honolulu, HI 96813
Attention: Mr. Vincent Shigekuni

SUBJECT: DRAFT ENVIRONMENTAL ASSESSMENT FOR KAPA'A ELEMENTARY
SCHOOL LIBRARY TMK: 4-6-14-POR 31 PW 10.07.126

Gentlemen,

We reviewed the subject draft environmental assessment. Our comments are listed below:

4.3 DRAINAGE & SOILS:

- Potential Impacts and Mitigation Measures: The County's Grading Ordinance has been renamed as the "Sediment and Erosion Control Ordinance No. 808". We request that the labeling of the Grading Ordinance be amended to the "Sediment and Erosion Control Ordinance".
- A grading permit for the library site can be exempted from the Sediment and Erosion Control Ordinance, being that the site is within a self contained government control area. Although, a grading permit is not required, we expect the State to monitor the grading activity and provide Best Management Practices (BMP's) at all time for the duration of the construction activity. The borrow and disposal sites must comply with the County's Sediment and Erosion Control Ordinance No. 808.

4.5 NATURAL HAZARDS:

- Based on panel no 204E of the Federal Insurance Rate Maps (FIRM) dated September 16, 2005, the subject proposed library school site is located within a Zone X-unshaded. Zone X-unshaded is described as the areas determined to be outside of the 0.2% annual chance flood plain.

6.4 DRAINAGE FACILITIES:

- Statement is made that "the storm water runoff will be directed to the existing drainage swale to the east of the project site. This runoff will eventually flow to an existing underground drainage system. The increase in runoff is not expected

PBR Hawai'i
October 29, 2007
Page (2)

DONALD M. FUJIMOTO
COUNTY ENGINEER
TELEPHONE 241-6600

EDMOND P.K. RENAUD
DEPUTY COUNTY ENGINEER
TELEPHONE 241-6640

VED
05 0007
05/11

to be large and should be accommodated by the existing system". At TMK: 4-6-14-26, the County of Kauai have applied for Zoning and Use Permit to construct the proposed Kapa'a Fire Station at the captioned property. Any increase in storm flows to the Kapa'a Fire Station needs to be mitigated to pre-existing development condition. As such, we recommend comments be solicited from our Building Division which is in charge of the project and will be reviewing the increase in storm runoffs.

Thank you for this opportunity to provide our comments. Should you have any questions, please contact me at (808) 241-6498.

Very truly yours,

Wallace Kudo

Wallace Kudo, P.E.
Chief, Engineering Division

CONCUR:

Donald M. Fujimoto

DONALD M. FUJIMOTO, P.E.
County Engineer

WK

Attachments

- cc: Design and Permitting w/attachment
- Construction Inspection w/attachment
- Building Division w/attachment
- Office of Environmental Quality Control w/attachment
- State of Hawai'i w/attachment

December 10, 2007

Mr. Wallace Kudo, P.E., Chief, Engineering Division
Department of Public Works
County of Kauai
4444 Rice Street
Molokaha Building, Suite 275
Lihue, HI 96766

SUBJECT: KAPAA ELEMENTARY SCHOOL LIBRARY DRAFT ENVIRONMENTAL
ASSESSMENT (DEA), KAWAIHAU ROAD, TMK 4-6-14-031, KAPAA, KAUAI, HAWAII
PW 10.07.126

Dear Mr. Kudo:

Thank you for the letter dated October 25, 2007 regarding the subject project.

We acknowledge your comments regarding the subject DEA's sections 4.3, 4.5 and 6.4 as follows:

- 4.3 DRAINAGE & SOILS:** The name of the ordinance has been changed to "Sediment and Erosion Control Ordinance No. 808" in the environmental assessment. Thank you for the information regarding the grading permit exemption. One will be applied for. Monitoring of grading permit will occur and BMP's will be adhered to throughout the duration of construction. The borrow and disposal sites will be in compliance with the County's Sediment and Erosion Control Ordinance No. 808.
- 4.5 NATURAL HAZARDS:** Thank you for the updated designation and description regarding the FIRM zone. They will be incorporated in the environmental assessment.

- 6.4 DRAINAGE FACILITIES:** We will design to mitigate increase in stormwater flows to the proposed Kapaa Fire Station at TMK 4-6-14-26. We will contact the County of Kauai Building Division for recommendations on accomplishing this.

Sincerely,

Angie Phillips
Angie Phillips
kya design group



Water has no substitute.....Conserve it

November 8, 2007

Mr. Vincent Shigekuni
PBR Hawaii
1001 Bishop Street, Suite 650
Honolulu, HI 96813

Dear Mr. Shigekuni:

Subject: Draft Environmental Assessment (EA), Kapa'a Elementary School Library,
TMK: 4-6-14: por. 31, Kawaihau Road, Kapa'a, Kaua'i

This is in regard to your letter dated October 19, 2007. We have no objections to the Draft Environmental Assessment for the construction of the Kapa'a Elementary School Library. The following Department of Water (DOW) response is for informational purposes only and describes the present water system status. It is subject to change without further notice. It does not represent a commitment or approval by the Department of the proposed or future water meter requests and building permit applications. The inquirer is responsible to request information on water system status in the future.

Any actual subdivision or development of this area will be dependent on the adequacy of the source, storage, and transmission facilities existing at that time. At the present time, the existing storage facilities are operating at capacity. Water service will be limited to the existing water meters serving the parcel.

Prior to the DOW recommending water meter service or building permit approval, the applicant must:

1. Prepare and receive DOW's approval of construction drawings for the necessary water system facilities and construct said facilities. These facilities shall include but not be limited to:
 - a) An extension of a main 16-inches in diameter, approximately 2,700 feet in length, beginning at the 0.2 MG storage tank located near the Kawaihau/Kaapuni Road intersection and running easterly along Kawaihau Road to the Kawaihau/Kaehuhua Road intersection and reconnecting the existing 12-inch main serving the 313 foot service (lower Kapa'a) area.
 - b) The fire service connection, if applicable.
 - c) The interior plumbing plans with the appropriate backflow prevention device, if applicable.

kya design group

December 10, 2007

Mr. Vincent Shigekuni
PBR Hawaii
Subject: Draft Environmental Assessment (EA), Kapa'a Elementary School Library,
TMK: 4-6-14; ppr. 31, Kawaihau Road, Kapa'a, Kaua'i
November 8, 2007
Page 2

Mr. Gregg Fujikawa, Chief of Water Resources and Planning
Department of Water
County of Kauai
4398 Pua Loke St.
P.O. Box 1706
Lihue, HI 96766

SUBJECT: KAPAA ELEMENTARY SCHOOL LIBRARY DRAFT ENVIRONMENTAL
ASSESSMENT (DEA), KAWAIHAU ROAD, TMK 4-6-14-031, KAPAA, KAUAI, HAWAII

Dear Mr. Fujikawa:

Thank you for the letter dated November 8, 2007 regarding the subject project.

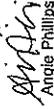
We acknowledge your determination that the existing storage facilities, as of the date of the letter, are operating at capacity and are inadequate to provide the required fire flows required for school use.

You stipulated that prior to building permit approval, the applicant shall prepare and receive Department of Water approval of construction drawings of the necessary water system facilities and construction of the referenced facilities, including, if applicable:

- a. A 2,700 foot long extension of 16-inch main from 0.2MG storage tank located near Kawaihau Kaapuni Road intersection to Kawaihau Road/ Kaeulua Road
- b. A fire service connection; and
- c. Interior plumbing plans with the appropriate backflow prevention assemblies, if applicable.

Prior to building permit approval, we will receive a 'Certificate of Completion' from your department for the necessary water system facilities.

Sincerely,


Angie Phillips
kya design group

2. Receive a "Certificate of Completion" for the construction of the necessary water system facilities from the DOW.

If you have any questions concerning the construction drawings or Certification of Completion, please contact Mr. Dustin Moises at (808) 245-5459. For other questions, please contact Mr. Edward Doi at (808) 245-5417.

Sincerely,



Gregg Fujikawa
Chief of Water Resources and Planning

ED:ml
7-9214 Kapa'a, Shigekuni - Kapa'a Elementary School Library

Bryan J. Baptiste
Mayor



NOV 26 2007

KAUAI

Robert F. Westerman
Fire Chief

John T. Blalock
Deputy Fire Chief



COUNTY OF KAUAI
Fire Department
Maikaha Building
4444 Rice Street, Suite 295
Lihue, Kauai, Hawaii 96766

November 16, 2007

Vincent Shigekuni
PBR Hawaii
ASB Tower, Suite 650
1001 Bishop Street
Honolulu, HI 96813

RE: Kapa'a Elementary School Library
TMK#: (4) 4-6-14; por.31
Comments on review of Draft Environmental
Assessment

Dear Mr. Shigekuni,

This project shall comply with the 1997 Uniform Fire Code and all other Agencies.

Please contact the Kauai Prevention Bureau at (808) 241-6511, if you should have further questions or concerns.

Sincerely,

David Bukoski
Prevention Captain

Approved:

Robert Westerman
Fire Captain

cc: Office of Environmental Quality Control
235 South Beretania Street, Suite 702
Honolulu, Hawaii 96813

State of Hawaii
Department of Education
P.O. Box 2360
Honolulu, HI 96804

AN EQUAL OPPORTUNITY EMPLOYER



WELBANK BRANDT, PASLA
Chairman

THOMAS WITTEN, ASLA
President

R. STAN DUNCAN, ASLA
Executive Vice-President

RUSSELL J. CHUNG, PASLA
Executive Vice-President

VINCENT SHIGEKUNI
Vice-President

GRANT L. MURAKAMI, AICP
Principal

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RAYMOND T. IIGA, ASLA
Senior Associate

KEVIN K. NISHIKAWA, ASLA
Associate

KIMUAKAMIYUBI, LEED AP
Associate

SCOTT ALIKA, AIBSGO
Associate

SCOTT MURAKAMI, ASLA
Associate

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Fax: (808) 961-1989

WAILUKU OFFICE
1755 Wahi to Looe, Suite 4
Wailuku, Hawaii 96795-1271
Tel: (808) 242-3878

December 4, 2007

David Bukoski, Prevention Captain
County of Kauai
Fire Department
4444 Rice Street, Suite 295
Lihue, Hawaii 96766

Dear Captain Bukoski,

Subject: Kapa'a Elementary School Library Draft Environmental Assessment

Thank you for your letter dated November 16th, 2007. The project will comply with the 1997 Uniform Fire Code.

We appreciate your participation in the environmental review process. If you have any questions please do not hesitate to contact me.

Sincerely,

Vincent Shigekuni
Vice President



**DEPARTMENT OF BUSINESS,
ECONOMIC DEVELOPMENT & TOURISM**

STRATEGIC INDUSTRIES DIVISION
State Office Building, A Kamehameha Bldg., 5th Floor, Honolulu, Hawaii 96813
Mailing Address: P.O. Box 2358, Honolulu, Hawaii 96804

LINDA LINGLE
THEODORE ELLIOTT
DIRECTOR
MARK K. ANDERSON
DEPUTY DIRECTOR

Telephone: (808) 587-3507
Facsimile: (808) 587-3508
Web Site: www.tbdc.govt.hi

PBR
November 19, 2007
Page 2

We recommend that you consult the County of Kauai Energy Code early on in the project. Kauai Electric Utility Cooperative may also have programs that can assist.

- 2. Energy and resource efficiency and renewable energy and resource development.** We also note that the development is intended to be environmentally sustainable. For further detail, we refer you to important directives affecting state agencies. Administrative Directive No. 06-01 and Chapter 196, Hawaii Revised Statutes [Act 96 2006 SLH, as amended], encourage State agencies and programs to increase their leadership commitment to implement innovative and resource efficient operations and management and to design and construct buildings to meet and receive certification for U.S. Green Building Council's Leadership in Energy and Environmental Design (LEED), among others. In addition, Act 160, 2006 SLH, relating to the State Budget, requires that each executive department shall plan for or install energy reduction, energy savings, or energy producing efforts and technologies to lessen electrical consumption or to increase efficiencies in using electrical energy.

In response to your October 19, 2007, notice, thank you for the opportunity to provide comments on the Draft Environmental Assessment (EA) for Kapa'a Elementary School Library. The proposed facility would be a new, single-story, approximately 17,390 gross square foot building on the school campus.

We would like to call your attention to: (1) State energy conservation goals; and, (2) energy and resource efficiency and renewable energy and resource development.

- 1. State energy conservation goals.** Project buildings, activities, and site grounds should be designed and/or retrofitted with energy saving considerations. The mandate for such consideration is found in Chapter 344, HRS ("State Environmental Policy") and Chapter 226 ("Hawaii State Planning Act"). In particular, we would like to call to your attention HRS 226 18(c) (4) which includes a State objective of promoting all cost-effective energy conservation through adoption of energy-efficient practices and technologies.

We note that you have considered Chapter 226-18 objectives and policies in the EA and state that the new library building will be designed to achieve "Silver LEED certification." We would recommend, as you go forward with the project, that you consider the inclusion of the latest energy efficient practices and technologies to reduce energy demand. Any measures that you will be incorporating for the use and production of renewable energy on the project should also be detailed.

Our website (<http://www.hawaii.gov/dbedt/info/energy/efficiency/state>) provides detailed information on guidelines, directives and statutes, as well as studies and reports on aspects of energy efficiency. Please also do not hesitate to contact Carilyn Shon, Energy Efficiency Branch Manager, at telephone number 587-3810, for additional information on LEED, energy efficiency, and renewable energy resources.

Sincerely,


Maurice H. Kaya
Chief Technology Officer

c: OEQC
Mike Shigetani, DOE

RECEIVED

NOV 27 2007

PBR HAWAII

November 19, 2007

PBR Hawaii
ASB Tower, Suite 650
1001 Bishop Street
Honolulu, Hawaii 96813

Attn: Vincent Shigekuni

Re: Draft Environmental Assessment (EA)
Kapa'a Elementary School Library
Tax Map Key: (4) 4-6-14; por. 31

kya design group

December 10, 2007

Mr. Maurice H. Kaya, Chief Technology Officer
Department of Business, Economic Development & Tourism
Strategic Industries Division
PO Box 2359
Honolulu, HI 96804

ATTN: Carilyn Shon

SUBJECT: KAPAA ELEMENTARY SCHOOL LIBRARY DRAFT ENVIRONMENTAL
ASSESSMENT (IDEA), KAWAIIHAU ROAD, TMK 4-6-7-031, KAPAA, KAUAI, HAWAII

Dear Mr. Kaya:

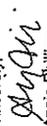
Thank you for the letter dated November 19, 2007 regarding the subject project. Please note that the square footage of the building will be 7390, not 17390 as listed in your letter. We would like to respond to the other points in your letter as follows:

1. State energy conservation goals. The applicant/ we will follow the guidelines set forth in HRS 344, State Environmental Policy, and HRS 226, Hawaii State Planning Act, overall and especially HRS 226 18(c)(4) regarding energy-efficient practices and technologies to the greatest extent possible.
2. The new library will be designed to meet LEED Silver.
Energy and resource efficiency and renewable energy and resource development. We will incorporate energy efficient practices and technologies to the greatest extent possible. We will also review the County of Kauai Energy Code and comply with any recommended measures whenever and wherever possible in the design of the new library.

The Kauai Island Utility Cooperative was pre-consulted on August 1, 2007, but did not provide any comments.

Thank you for directing us to your website, which will provide additional information and guidance. We will review applicable factors and measures recommended on the website and consider their incorporation.

Sincerely,


Angie Phillips
kya design group

PHONE (808) 594-1888



STATE OF HAWAII
OFFICE OF HAWAIIAN AFFAIRS
711 KAPIOLANI BOULEVARD, SUITE 500
HONOLULU, HAWAII 96813

FAX (808) 594-1885

DEC 10 2007

HRD07/3156B

December 3, 2007

Vincent Shigekuni, Vice President
PBR Hawaii & Associates, Inc.
1001 Bishop Street,
ABS Tower, Suite 650
Honolulu, Hawaii 96813-3484

RE: Draft Environmental Assessment (DEA), Proposed Kapa'a
Elementary School Library, Kawaihau, Kaua'i, TMK: 4-4-6-1431.

Dear Mr. Shigekuni,

The Office of Hawaiian Affairs (OHA) is in receipt of your request for written comments for a proposed Kapa'a Elementary School library in Kawaihau on Kaua'i. OHA has the following comments:

OHA notes that this proposed library will be built on the existing campus of the school and will serve some 900 students. We also see that the new building will be made available for community functions. As such, we feel that this proposed project can be a community asset.

OHA is also pleased to see that the applicant is aware of the three major concerns cited by the Energy Advisory Committee in the Hawai'i Functional Plan and that the applicant intends to build to Leadership in Energy and Environmental Design certification standards. OHA would also like to point out that the applicant should consider that by 2020, 20% of Hawai'i's electricity is to be from renewable sources.¹

¹ Sec Act 95 Session Laws of Hawai'i which, in 2004 set that new original renewable portfolio standard goal.

Vincent Shigetkumi, Vice President
PBR Hawaii & Associates, Inc.
December 3, 2007
Page 2

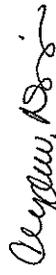
OHA wishes to point out that although the project area has been developed before, there still remains a possibility that cultural deposits may be uncovered. The many recent cases of iwi kūpuna being found in urban Honolulu attest to this very fact.

Therefore, 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.

OHA is disappointed that the DEA on page 14 states that the campus vegetation consists of "almost entirely of non-native ornamental species." OHA strongly suggests that the applicant take this opportunity to landscape with native or indigenous species that are drought tolerant. Any invasive species should also be removed. Doing so would not only serve as practical water-saving landscaping practices, but also serve to further the traditional Hawaiian concept of mālama āina and create a more Hawaiian sense of place.

At this time, OHA does not have any further comments. If you have any further questions or concerns please contact Grant Arnold at (808) 594-0263 or granla@oha.org.

Sincerely,


Clyde W. Nāmu'o
Administrator

C. Kanani Kagawa, Community Resources Coordinator
Office of Hawaiian Affairs, Kana'i Office
3-3100 Kubio Hwy, Suite C4
Lihue, Hawaii 96766-1153

kya design group

December 10, 2007

Mr. Clyde Nāmu'o, Administrator
State of Hawai'i
Office of Hawaiian Affairs
711 Kapi'olani Blvd., Suite 500
Honolulu, HI 96813

ATTN: Grant Arnold

SUBJECT: KAPĀĀ ELEMENTARY SCHOOL LIBRARY DRAFT ENVIRONMENTAL ASSESSMENT (DEA)

Dear Mr. Nāmu'o:

Thank you for the letter dated December 3, 2007 (your reference HRD07/3456B). The following responds to your comments:

We are pleased that you consider the proposed library, which will be available for community functions, to be a community asset.

Please note that the project will be designed to Leadership for Energy and Environmental Design (LEED) standards, but at this time will not pursue LEED certification. Thank you also for apprising us of the standard set forth in Act 95 SLH 2004 regarding the use of electricity from renewable resources by 2020.

We are aware of the possibility of uncovering cultural deposit and human skeletal remains during construction. As stated in section 5.1 of the DEA, if any significant finds are uncovered, all work will cease and State Historic Preservation Division of DLNR will be notified immediately for disposition and follow up.

Although the project site consists mainly of non-native ornamental plants, it will landscaped using native or indigenous drought tolerant species to the greatest extent possible. We appreciate your comment on this.

If you have any questions, please do not hesitate to contact me.

Sincerely,


Angie Phillips
kya design group



STATE OF HAWAII
DEPARTMENT OF HEALTH
P.O. Box 3378
HONOLULU, HAWAII 96801-3378

December 5, 2007

CHRYSTLE L. EWING, M.D.
DIRECTOR OF HEALTH

In reply, please refer to:
EPO-07-203

RECEIVED
DEC 11 2007

Mr. Vincent Shigekuni
PBR Hawaii
ASB Tower, Suite 650
1001 Bishop Street
Honolulu, Hawaii 96813

Dear Mr. Shigekuni:

SUBJECT: Draft Environmental Assessment for Kapa'a Elementary School Library
Kawailau, Kauai, Hawaii
TMK: (4) 4-6-014: 031 (portion)

Thank you for allowing us to review and comment on the subject application. The document was routed to the various branches of the Department of Health (DOH) Environmental Health Administration. We have the following Clean Water Branch and General comments.

Clean Water Branch

The Department of Health, Clean Water Branch (CWB), has reviewed the subject document and offers these comments on your project. Please note that our review is based solely on the information provided in the subject document and its compliance with Hawaii Administrative Rules (HAR), Chapters 11-54 and 11-55. You may be responsible for fulfilling additional requirements related to our program. We recommend that you also read our standard comments on our website at <http://www.hawaii.gov/health/environmental/epv-planning/landuse/cwb-standardcomment.pdf>.

1. Any project and its potential impacts to State waters must meet the following criteria:

- a. Antidegradation policy (HAR, Section 11-54-1.1), which requires that the existing uses and the level of water quality necessary to protect the existing uses of the receiving State water be maintained and protected.
- b. Designated uses (HAR, Section 11-54-3), as determined by the classification of the receiving State waters.
- c. Water quality criteria (HAR, Sections 11-54-4 through 11-54-8).

Mr. Shigekuni
December 5, 2007
Page 2

2. You are required to obtain a National Pollutant Discharge Elimination System (NPDES) permit for discharges of wastewater, including storm water runoff, into State surface waters (HAR, Chapter 11-55). For the following types of discharges into Class A or Class 2 State waters, you may apply for NPDES general permit coverage by submitting a Notice of Intent (NOI) form:

- a. Storm water associated with 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 start of the construction activities.
 - b. Hydrotesting water.
 - c. Construction dewatering effluent.
3. You must submit a separate NOI form for each type of discharge at least 30 calendar days prior to the start of the discharge activity, except when applying for coverage for discharges of storm water associated with construction activity. For this type of discharge, the NOI must be submitted 30 calendar days before the start of construction activities. 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/genl-index.html>.
4. Please note that all discharges related to the project construction or operation activities, whether or not NPDES permit coverage and/or Section 401 WQC are required, must comply with the State's Water Quality Standards. Noncompliance with water quality requirements contained in HAR, Chapter 11-54, and/or permitting requirements, specified in HAR, Chapter 11-55, may be subject to penalties of \$25,000 per day per violation.

If you have any questions, please visit our website at <http://www.hawaii.gov/health/environmental/water/cleanwater/index.html>, or contact the Engineering Section, CWB, at 586-4309

General

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

kya design group

December 12, 2007

Kelvin Sunada, Manager
Environmental Planning Office
State Department of Health
PO Box 3378
Honolulu, HI 96801-3378

ATTN: Jiakai Liu

SUBJECT: KAPAA ELEMENTARY SCHOOL LIBRARY DRAFT ENVIRONMENTAL ASSESSMENT (DEA)

Dear Mr. Sunada:

Thank you for your letter of December 5, 2007. We respond to your numbered comments as follows:

1. Clean Water Branch: We will review and comply with applicable standard comments found at the website you provided. In addition, we will comply with the specified subsections in HAR 11-54 regarding the anti-degradation policy, designated uses and water quality criteria.
- 2., 3. & 4. NPDES: During the planning stage, the total contiguous area of disturbance was determined to be less than one acre. As mentioned in section 4.3 of the draft EA, an NPDES permit is therefore not expected to be required. Should this total change and result in an area greater than one acre, we will comply with all requirements regarding storm water discharge, hydrotesting, construction dewatering effluent, and submission of Notices of Intent (NOI).

If you have any questions, please do not hesitate to contact me.

Sincerely,

Angie Phillips
kya design group

Mr. Shigekuni
December 5, 2007
Page 3

If there are any questions about these comments please contact Jiakai Liu with the Environmental Planning Office at 586-4346.

Sincerely,

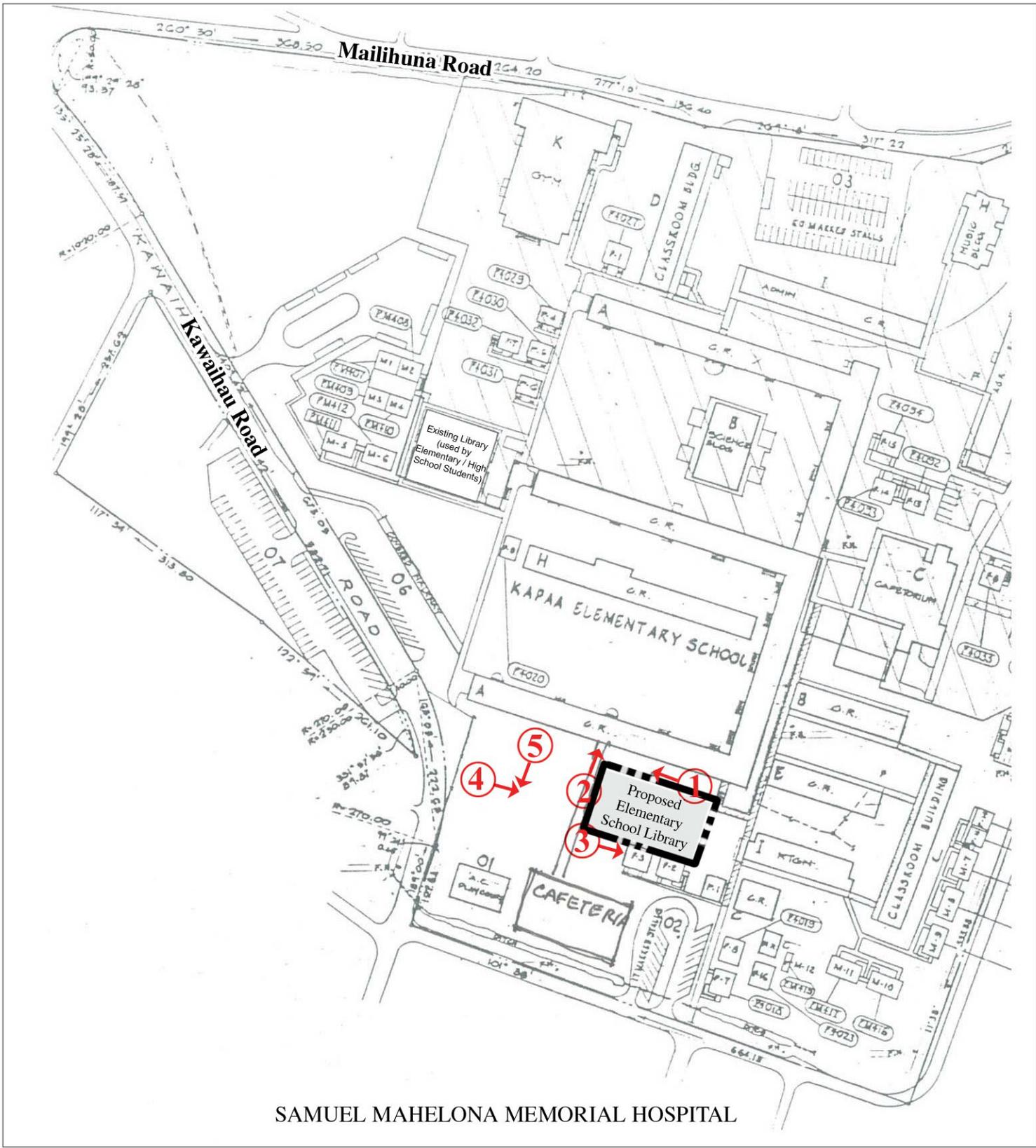


KELVIN H. SUNADA, MANAGER
Environmental Planning Office

c: EPO
CWFB
EH-Kauai

Appendix B
Photographs





SAMUEL MAHELONA MEMORIAL HOSPITAL

Photo Key:

1. Facing west alongside building 'A'; sidewalk on left bounds north side of site.
2. Facing north side of site and building 'A'; sidewalk on left foreground bounds west side of site.
3. Facing east toward SeaLand container and portable buildings; this is the selected site.
4. Facing east toward selected site; photo taken near Kawaihau Road campus boundary.
5. Facing south at west edge of selected site; cafeteria is in background.

Kapa'a Elementary School Library

DEPARTMENT OF EDUCATION NORTH ISLAND OF KAUAI

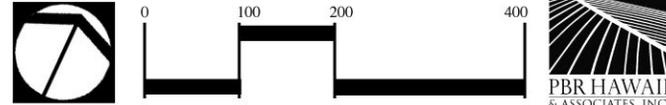




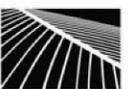
Photo Key:

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2. Facing north side of site and building 'A'; sidewalk on left foreground bounds west side of site.
3. Facing east toward SeaLand container and portable buildings; this is the selected site.
4. Facing east toward selected site; photo taken near Kawaihau Road campus boundary.
5. Facing south at west edge of selected site; cafeteria is in background.

Kapa'a Elementary School Library

DEPARTMENT OF EDUCATION

ISLAND OF KAUAI



PBR HAWAII
& ASSOCIATES, INC.
SEPTEMBER 2007

Appendix C
Alternatives Comparison Chart



SITE EVALUATION, KAPA'A ELEMENTARY SCHOOL LIBRARY

September 1, 2006

Kajioka Yamachi Architects

	CRITERIA	SITE #1	SITE #2	SITE #3 (selected site)
1	Description	<p>This site is approximately 13,500sf and is located NNE of the existing parking lot and pick-up / drop-off area fronting Kawaihau Road. The site itself is triangular in shape. Adjacencies of this site are the existing Kapaa High School Library to the North, the Parent Community Center and quad lawn between Bldgs 'A' and 'H' to the East, and the existing covered walkway bordering the parking lot to the southwest. All three sides have sidewalks between site and adjacencies.</p>	<p>This site is approximately 24,500sf and is located WSW of the parking lot fronting Kawaihau Road. The site itself is rectangular in shape. Adjacencies of this site are Building 'A' to the north, existing sidewalk that extends from mid-point of Building 'A' to the cafeteria to the east (beyond which are three portables), the existing Play Court structure to the south and a 4 ft. high chain-link fence to the west.</p>	<p>This site is approximately 23,000sf and is located NE of the Cafeteria. Directly east of Site 2. The site is rectangular in shape. Adjacencies are Building 'A' to the north, a covered walkway extending from Building 'A' to school parking lot fronting Nunu Road, the Cafeteria to the south, and site 2 to the west, separated by a sidewalk extending from Building 'A' to the Cafeteria.</p>
2	Existing Structures	<p>No existing structures on site. However, 4-6 fence posts are located within site.</p>	<p>A 750sf sand pit with a large swingset is located to the north side of the site.</p>	<p>There are currently 3 portables located on the south side of the site, which will need to be relocated on school campus, as well as an existing structure (approx. 1000sf) located to the east of the site. A Sealand container is located west of center of the site. There is also a 750sf sand pit with a jungle jim.</p>
3	School Campus Context	<p>If located on this site, the building will have a high profile. However, it may be mistaken for the school's administration building. Siting the new library here will also take away the nice vistas of the campus from the main campus entry point.</p>	<p>This site is located between the Cafeteria and Classrooms. The school's P.E. activities are currently located on this site as well as the adjacent site to the east (site 3). Displacing the P.E. activities on this site may concentrate them on the adjacent site to the east.</p>	<p>The site is located between the Cafeteria and Classrooms. The school's P.E. activities are partially located on this site (the W side) as well on the adjacent site. Relocating the portables to west side as well as relocating or removing the Sealand container will free up this site. New locations for these structures to be determined. The possibility of relocating/ leaving the remaining 1000sf is to be considered.</p>

	CRITERIA	SITE #1	SITE #2	SITE #3 (selected site)
4	Neighborhood Context	Large parking lot for school staff and students across Kawaihau Road. The context is primarily residential along Kawaihau Road.	Primarily residential across Kawaihau Road. A hospital is located across Nunu Road on the corner of Kawaihau Road. Several small light-industrial / commercial businesses are located to the east of the hospital.	The site is located in the interior of the school campus. Its neighborhood context is the same as that of site 2.
5	Sensory Conditions Visual	Visual considerations are an asset from this site. Nice views of mountain range to the West.	Visual considerations area an asset from this site with views mountain range to the southwest.	Visual considerations are an asset from this site with views of mountain range to the southwest.
6	Sensory Conditions Auditory	Auditory considerations are given to the circulation paths around the site. Kawaihau Road is a major thoroughfare. The school complex is located within a mixed use area.	Auditory considerations are given to the existing play court to the south as well as the existing play area to the east.	Auditory considerations are given to the play area and possible new uses of the grass area to the west.
7	Sensory Conditions Circulation	The site has pedestrian pathways on all three sides.	The site has two designated pedestrian pathways, one along Building 'A' to the north and one running between the mid-point of Building 'A' to the Cafeteria.	The site has a sidewalk along Building 'A' to the north, a covered walkway to the east, a covered walkway to the south along the Nunu Road parking lot, as well as a sidewalk along the west.
8	Accessibility (ADA)	This site offers the shortest travel distance from parking/loading areas to structure. This site is also centrally located within the elementary school campus.	This site offers accessibility from the Kawaihau Road parking lot and the Nunu Road entrance fronting the Cafeteria. There is also access from the Nunu Road parking area to the east of the Cafeteria.	This site offers accessibility from Nunu Road parking lot, Cafeteria and Classrooms.
9	Existing Landscaping	Approximately 13,500sf of the site is on a landscaped grass lawn. Four 25 ft. high Monkeypod trees run parallel to north site border. Low shrubbery runs parallel to southwest border.	Approximately 23,500sf of the site is on a landscaped grass lawn. Two 80+-ft. high pines and palm tree are located in the NW corner of the site. Two Shower trees and single row of Ti leaf trees are planted parallel to Building 'A'. These are separated from site by existing sidewalk.	The site is mostly grass lawn gradually sloping down to the east. A Monkeypod is located on the southwest corner of the site. Several shower and Ti leaf trees are planted along Building 'A'. These are separated from the site by an existing sidewalk.

	CRITERIA	SITE #1	SITE #2	SITE #3 (selected site)
10	Construction Access	The site can be accessed directly from Kawaihau Road and existing parking lot. However, due to existing covered walkway between site and parking lot, access is limited to the northeast corner of the site.	The site can be accessed by the gate in existing chain link fence along Kawaihau Road.	The site can be accessed from Nunu Road parking lot. It may also be accessed by the gate in chain link fence fronting Kawaihau Road.
11	Site Drainage	The flow of storm water is in the east direction toward the grass quad between Building 'A' and 'H'.	The flow of storm water is in the southeast direction toward an existing concrete drainage ditch running to the east of the Cafeteria.	The flow of storm water is in the southeast direction toward an existing concrete drainage ditch running to the east of the Cafeteria.
12	Functional Relationships	Site is located in a highly visible and an easily accessible location. It is bounded by classrooms and existing library.	Site is located in highly visible area. Good functional relationship with Cafeteria. Location along Kawaihau Road may buffer traffic noise for nearby classrooms. Separation of play area and existing play court may create issues.	Site offers a good location with the Cafeteria and parking area. The play area would be located along Kawaihau Road adjacent to the existing play court.
13	Future Expansion?	No room for expansion.	Possible room for expansion with appropriate siting of building.	Possible room for expansion with appropriate siting of building.
14	Analysis / Findings	<u>Pro</u> : Good location next to existing High School Library. <u>Con</u> : This site is small and due to its triangular shape may pose siting issues that result in cramped, awkward spaces between existing buildings and the new Library. This site is free of buildings in the Master Plan (1998).	<u>Pros</u> : Open space with good access from Classrooms, Cafeteria and Kawaihau Road and drop-off area. <u>Con</u> : Due to the high visibility of this site, it is more appropriate for the future Administration Building. The Administration Building is located on this site in the Master Plan (1998).	<u>Pro</u> : This site has good access between the Classrooms, Cafeteria, outdoor Physical Education area, and parking lot off Nunu Road. <u>Con</u> : Several portables and <i>Sealand</i> container currently on site will need to be relocated on campus. The new Library is located on this site in the Master Plan (1998).

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