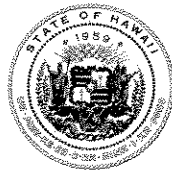


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EXECUTIVE CHAMBERS  
HONOLULU

July 20, 1992

JOHN WAIHEE  
GOVERNOR

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OFFICE OF ENVIRONMENTAL  
QUALITY CONTROL

**MEMORANDUM**

TO: The Honorable Russel S. Nagata, Comptroller  
Department of Accounting and General Services

SUBJECT: Environmental Impact Statement - Kauai Judiciary Complex

I am pleased to accept the Final Environmental Impact Statement and Site Selection Report for the Kauai Judiciary Complex as satisfactory fulfillment of the requirement of Chapter 343, Hawaii Revised Statutes. This environmental impact statement will be a useful tool in the process of deciding if the action described therein should be allowed to proceed. My acceptance of the statement is an affirmation of the adequacy of that statement under the applicable laws and does not constitute an endorsement of the proposed action.

When the decision is made regarding the proposed action itself, I expect the proposing agency to consider if the societal benefits justify the environmental impacts which will likely occur. These impacts are adequately described in the statement and, together with the comments made by reviewers, provide useful analysis of the proposed action.

JOHN WAIHEE

cc: Mr. Brian J.J. Choy

**FINAL  
SITE SELECTION REPORT AND  
ENVIRONMENTAL IMPACT STATEMENT  
FOR THE**

**KAUAI JUDICIARY COMPLEX**

**LIHUE, KAUAI, HAWAII**

This environmental document is prepared pursuant  
to Chapter 343, Hawaii Revised Statutes

Proposing Agency:

**Department of Accounting and General Services  
Russell S. Nagata  
Comptroller  
State of Hawaii**

Accepting Authority:

**Governor, State of Hawaii**

October 1, 1991

Prepared by:

**Stanley Yim & Associates, Inc.  
Consulting Engineers  
2850 Paa Street, Suite 200  
Honolulu, Hawaii 96819**

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Director

**STATE OF HAWAII**  
OFFICE OF ENVIRONMENTAL QUALITY CONTROL  
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FOURTH FLOOR  
HONOLULU, HAWAII 96813

Dear Participant:

Attached for your information is a Final Environmental Impact Statement which was prepared pursuant to the EIS law (Hawaii Revised Statutes, Chapter 343) and the EIS rules (Administrative Rules, Title 11, Chapter 200).

TITLE OF PROJECT: Kauai Judiciary Complex

LOCATION: ISLAND Kauai DISTRICT Lihue

TAX MAP KEY NUMBERS: 3-07-01:01; 3-06-02:02; 3-06-02:01; 3-03-03:01

AGENCY ACTION: X APPLICANT ACTION \_\_\_\_\_

ACCEPTING AUTHORITY: Governor, State of Hawaii (c/o Office of Environmental  
ADDRESS: Quality Control  
220 South King Street, 4th Floor  
Honolulu, Hawaii 96813

CONTACT: \_\_\_\_\_ PHONE: 586-4185

PROPOSING AGENCY OR APPLICANT: Department of Accounting & General Services  
ADDRESS: 1151 Punchbowl Street, Room 430  
Honolulu, Hawaii 96813

CONTACT: Ralph Yukumoto PHONE: 548-7192

CONSULTANT: Stanley Yin & Associates, Inc.  
ADDRESS: 2850 Paa Street, Suite 200  
Honolulu, Hawaii 96819

CONTACT: Stanley G.H. Yin, PE PHONE: 833-7313

If you no longer need this EIS, please return it to OEQC (please do not recycle document). Thank you for your participation in the Environmental Impact Statement process!

**FINAL  
SITE SELECTION REPORT AND  
ENVIRONMENTAL IMPACT STATEMENT  
FOR THE**

**KAUAI JUDICIARY COMPLEX**

**LIHUE, KAUAI, HAWAII**

**This environmental document is prepared pursuant  
to Chapter 343, Hawaii Revised Statutes**

**Proposing Agency:**

**Department of Accounting and General Services  
Russell S. Nagata  
Comptroller  
State of Hawaii**

**Accepting Authority:**

**Governor, State of Hawaii**

**June 1, 1991**

**Prepared by:**

**Stanley Yim & Associates, Inc.  
Consulting Engineers  
2850 Paa Street, Suite 200  
Honolulu, Hawaii 96819**

## PREFACE

The environmental process for the Site Selection Report and Environmental Impact Statement for the new Kauai Judiciary Complex is pursuant to Chapter 343 of the Hawaii Revised Statutes.

Material for the Prep Notice was submitted to the Office of Environmental Quality Control and published by OEQC on May 23, 1991.

The Draft Site Selection Report and Draft Environmental Impact document was submitted to the Office of Environmental Quality Control and notice of availability was published by OEQC on November 8, 1991.

Subsequent to the filing of the draft document, and after the 45 day review period for the Draft Site Selection Report and Draft Environmental Impact Statement, Grove Farm Land Corporation offered an alternate site to Site C as contained in the document. In their response to the draft, Grove Farm noted that they have plans for expanding the existing Kukui Grove Shopping Center and that Site C is a part of their expansion plans. Rather than "bury" the alternate site in a relatively thick document that had already been read and reviewed by many reviewers, and thus force the reviewers to re-review much of the material that had already been read, an addendum to the draft was prepared. The title of the addendum document filed was inadvertently labeled for the "final environmental impact statement". The correct label should read for the "draft environmental impact statement" instead. The addendum contents focused on information specific to the alternate site (Site C2) in order to expedite the reader's review time and minimize the State's costs. The Office of Environmental Quality Control was consulted prior to preparing the addendum document and they, at that time, concurred with the addendum approach for the same reasons. The addendum document was submitted to the Office of Environmental Quality Control and notice of availability was published on May 23, 1992.

The addendum document 45 day review period has since expired and in a recent discussion with the Office of Environmental Quality Control, a request was made by OEQC to have the two draft documents consolidated into a single Environmental Impact Statement for the final filing. The purpose for the consolidation is to eliminate potential confusion and misunderstandings that might arise as a result of having two separate documents filed for the final environmental process phase. It is with their concerns in mind that the two documents have been consolidated into a single final Site Selection Report and Environmental Impact Statement that follows.

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**I. SUMMARY**

I. SUMMARY

A. Responsible Office:

Russell S. Nagata  
Comptroller  
Department of Accounting and General Services  
State of Hawaii  
P.O. Box 119  
Honolulu, Hawaii 96810  
Contact: Ralph Yukumoto (808) 548-7192

B. Accepting Authority: Governor, State of Hawaii

C. Name of Action: Kauai Judiciary Complex

D. Description of Proposed Action:

A New Judiciary Complex is proposed for the island of Kauai in the Lihue area to replace the current obsolete facility presently serving the Fifth Circuit. This new facility would relieve existing congestion and deficiencies particularly with respect to spatial and operational inadequacies and also accommodate the growth in the volume of cases to the year 2010.

The new facility will be a combined Circuit, District, and Family Court Courthouse consisting of Six Courtrooms with one Large Trial Courtroom and five Standard Trial Courtrooms.

The present Judiciary building will then be renovated and converted to office spaces for use by other State agencies. In turn, private office spaces currently being leased by the State may be terminated as the new Judiciary Complex becomes operational. The present Judiciary building is a part of the Lihue Civic Center Historic District and is listed in both the State and National Registers of Historic Places. Renovation work will need to comply with the requirements of the State Historic Preservation Office.

E. Candidate Sites:

Seven candidate sites have been identified in Section IV of this report. They are,

<u>CANDIDATE SITE</u>	<u>TMK:</u>	<u>ACREAGE</u>
(SITE A1) Fronting North side of Ahukini Rd btwn Kapule Highway and Palai Street	Por 3-07-01:por 1	6.500 ac
(SITE A2) Fronting South side of Ahukini Road btwn the former radio station KTOH parcel and the existing reservoir	Por 3-06-02: por 1	6.500 ac

(SITE A3) Fronting North side of Ahukini Rd across from Palai Street and the existing Molokoa Subdivision	Por 3-07-01:por 1	6.500 ac
(SITE B) Fronting West side of Kapule Highway & North of the existing Lihue Sports Stadium	Por 3-06-02:por 1	6.500 ac
(SITE B1) Behind the future Veteran of Foreign Wars facility & next to the Lihue Sports Stadium expansion parcel	Por 3-06-02:por 1	6.500 ac
(SITE C) Fronting South-west side of Nawiliwili Road & next to the Kukui Grove Shopping Center	Por 3-03-03:por 1	6.500 ac
(SITE C2) Located on unimproved cane land about 300 feet south of Kaumualii Hwy & west of the new Kukui Grove Village West Subdivision	Por 3-03-03:por 1	6.500 ac

**F. Project Setting:**

Kauai, commonly referred to as the Garden Island, is the oldest, fourth largest, and northernmost populated island that is not privately owned in the State of Hawaii. It has a resident population of nearly 50,000 people and a total land area of approximately 560 square miles.

The entire island is served by the Fifth Judicial Circuit which is divided into four districts. The Lihue Circuit Courthouse is the major Court facility presently serving the island. The three other courthouses are the Waimea District Courthouse located in the Waimea Civic Center complex, the Hanalei District Courthouse located in the northern part of the island, and the Koloa District Courthouse located next to a neighborhood center. With the exception of the Lihue Circuit Courthouse, which is used daily, all the other courthouses are used only once a week. The locations of the four courthouses of the Fifth Judicial Circuit are shown in Figure 1.

It is believed that the Lihue area will continue to be the appropriate location for the major Court facility to serve the island of Kauai.

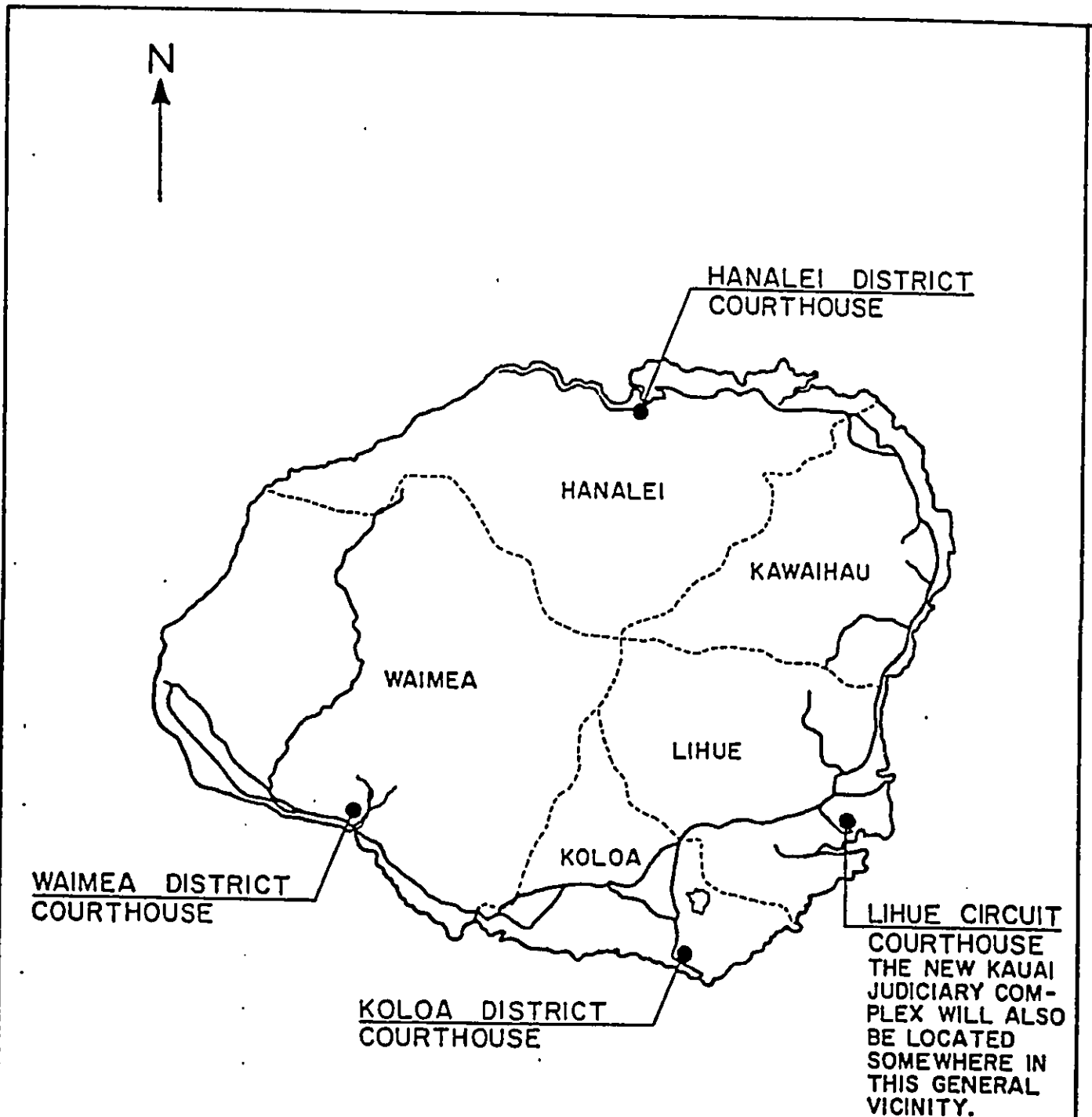


Figure 1

THE FIFTH JUDICIAL CIRCUIT FACILITIES  
AND SERVICE AREAS

Not to Scale

Prepared For:  
 Department of Accounting  
 and General Services  
 State of Hawaii

Prepared By:  
 Stanley Yim & Associates, Inc.  
 Consulting Engineers  
 Honolulu, Oahu, Hawaii



**G. Relationship to Plans, Policies, and Controls:**

Land use considerations pertinent to the candidate judicial complex sites are as follows:

State Land Use Classification  
Kauai County General Plan  
Kauai County Zoning Ordinance

Plans, policies, and controls are considered in the evaluation process for each of the sites.

**H. Probable Impacts:**

1. Regional impacts include those associated with the economic, social, and cultural environments.
2. Short term construction related site impacts include those associated with noise, air quality, traffic, public health, and safety. The current laws and ordinances associated with construction activities should be adequate to mitigate and/or minimize adverse effects resulting from the project's construction activity.
3. Long term impacts include those associated with flora, fauna, and the necessary infrastructure.

Long term impacts associated with the project will have both beneficial and some negative impacts which cannot be avoided. Because all the sites involve former or soon to be former sugar cane fields, there will be a certain amount of infrastructure work necessary to prepare the site for the new complex. However, it is not expected that this proposed sitework for the anticipated land use conversion will result in a negative impact to the area. The change in land use should not cause any major disruption within the community since the displacement of existing businesses and residences were essentially avoided. The potential sites being former or soon to be former sugar cane fields, were either unused or under-utilized. They were selected on the basis of costs for land acquisition, proximity to existing facilities, and spatial potential for future expansion of the new judicial facility.

A possible negative impact would be the burden of additional traffic generated by the new facility on nearby streets. However, this impact would be reasonably limited as most of the sites would have accesses either directly or indirectly by way of a connector street to a highway or major roadway such as Ahukini Road or Kapule Highway, or Nawiliwili Road or Kaunualii Highway. Traffic flow along these roads can be maintained and properly addressed with roadway improvements as needed for either storage or deceleration lanes for turns to handle peak hour traffic. Another potential impact linked to the land use change is the loss of certain open space that is presently offered by the sites.

However, the long term benefits derived from this project will be the creation of a new facility that should be designed aesthetically and specifically for the clients and users of the judiciary and which can be upgraded later to meet the ever increasing operational, spatial, and service requirements for the future years.

**I. Alternatives Considered:**

1. The "no action" alternative is considered unacceptable as the existing judicial facility in Lihue is presently operating beyond its capacity with continued increases being experienced in its caseload activity.
2. The alternative for leasing privately owned space has short term advantages but would not provide a viable long term solution because of uncertainties relating to the cost of lease rents and tenure, and the lack of flexibility and control over such private facilities for both security purposes and in making adjustments to accommodate future needs.
3. Renovation of existing facilities through the construction of an onsite annex comes closest to an ideal solution where additional space can be provided. However, this alternative is not practical nor viable because the existing judicial facility does not have the needed space to construct such an annex.

**J. Relationship Between Local Short Term Uses of Man's Environment and the Maintenance and Enhancement of Long Term Productivity:**

Implementation of the proposed project will include local short term use of man's environment during the construction phase of the project. Over the long term however, the new facility will assure the continued maintenance and enhancement of State Judiciary operations and services in Lihue by providing safe, adequately sized, and proper accommodations. The consolidation of all judicial services in one complex will provide a direct benefit to the clients and the public in general as it will enable the courts to function in the most efficient and up to date manner to meet the increasing needs for judicial services on Kauai.

**K. Irreversible and Irretrievable Commitments of Resources:**

Irretrievable resources committed to the project will include fuel, labor, funding, and materials to implement the construction of the new judiciary complex. Development of the proposed project on the selected site will also involve the commitment of land for a government facility which will preclude other possible land use options.

**L. Summary of Findings:**

Overall results obtained from the criteria evaluations and the cost estimates are summarized in Table I-1 (page I-6) and Table I-2 (pages I-7 and I-8). A detailed discussion of these summaries occurs in Chapter V of this report.

**TABLE I-1  
SUMMARY EVALUATION: SITE RATINGS**

G = good(+1) F = fair(+0.5) P = poor(-1)		Site A1	Site A2	Site A3	Site B	Site B1	Site C	Site C2
<b>Building Site Criteria Total</b>								
Environmental	G	5	5	5	6	4	5	4
Roadway & Utilities	F	6	6	6	5	3	7	10
Accessibility	P	5	5	5	5	9	4	2
<b>Community Site Criteria Total</b>								
Governmental	G	5	6	4	5	5	7	6
Community Effects	F	7	6	5	5	5	1	3
	P	0	0	3	2	2	4	3
<b>GRAND TOTALS</b>								
Bld & Community Site Criteria	G	10	11	9	12	10	12	10
	F	13	12	11	9	7	8	13
	P	5	5	8	7	11	8	5
<b>NUMERICAL RATING</b>		<b>11.5</b>	<b>12.0</b>	<b>6.5</b>	<b>9.0</b>	<b>2.0</b>	<b>8.0</b>	<b>11.5</b>

Table I-2

NOTE: For information and costs pertaining to Site C2, see continuation of Table I-2, next page (Page I-8).

SUMMARY EVALUATION: COST ESTIMATES		Site A1	Site A2	Site A3	Site B	Site B1	Site C
Development Costs		Cost (\$)					
		per unit					
Off-Site Development	lf	600	1550	275	150	575	\$0.00
8" Sewermain		\$72,000.00	\$186,000.00	\$33,000.00	\$18,000.00	\$69,000.00	\$0.00
Sewer Manholes	ea	3	4	1	1	3	\$0.00
		\$9,000.00	\$12,000.00	\$3,000.00	\$3,000.00	\$9,000.00	\$0.00
8" Watermain	lf	60	60	60	100	550	\$13,000.00
		\$15,600.00	\$15,600.00	\$15,600.00	\$26,000.00	\$143,000.00	\$198,500.00
Accel/Decel Lanes	ls	\$198,500.00	\$198,500.00	\$198,500.00	\$198,500.00	\$0.00	\$120,000.00
Signalization	ls	\$120,000.00	\$120,000.00	\$120,000.00	\$120,000.00	\$0.00	\$120,000.00
Road Extension Improvements	lf				1600	1000	\$70,000.00
					\$280,000.00	\$175,000.00	
<b>Total for Offsite</b>		<b>\$415,100.00</b>	<b>\$532,100.00</b>	<b>\$370,100.00</b>	<b>\$365,500.00</b>	<b>\$221,000.00</b>	<b>\$331,500.00</b>
On-Site Development							
General improvements	ac	6.5	6.5	6.5	6.5	6.5	\$676,000.00
		\$676,000.00	\$676,000.00	\$676,000.00	\$676,000.00	\$676,000.00	\$676,000.00
Parking stalls	ea	294	294	294	294	294	\$617,400.00
		\$617,400.00	\$617,400.00	\$617,400.00	\$617,400.00	\$617,400.00	\$617,400.00
Loading Stalls	ea	2	2	2	2	2	\$8,976.00
		\$8,976.00	\$8,976.00	\$8,976.00	\$8,976.00	\$8,976.00	\$8,976.00
<b>Total for Onsite &amp; Bid</b>		<b>\$20,238,470.00</b>	<b>\$20,355,470.00</b>	<b>\$20,193,470.00</b>	<b>\$20,188,870.00</b>	<b>\$20,044,370.00</b>	<b>\$20,154,870.00</b>
Building							
Administrative areas	sf	98022	98022	98022	98022	98022	\$12,056,706.00
		\$12,056,706.00	\$12,056,706.00	\$12,056,706.00	\$12,056,706.00	\$12,056,706.00	\$12,056,706.00
Courts, Chambers, etc	sf	35132	35132	35132	35132	35132	\$6,464,288.00
		\$6,464,288.00	\$6,464,288.00	\$6,464,288.00	\$6,464,288.00	\$6,464,288.00	\$6,464,288.00
<b>Total for Onsite &amp; Bid</b>		<b>\$19,823,370.00</b>	<b>\$19,823,370.00</b>	<b>\$19,823,370.00</b>	<b>\$19,823,370.00</b>	<b>\$19,823,370.00</b>	<b>\$19,823,370.00</b>
<b>Subtotal</b>		<b>\$20,238,470.00</b>	<b>\$20,355,470.00</b>	<b>\$20,193,470.00</b>	<b>\$20,188,870.00</b>	<b>\$20,044,370.00</b>	<b>\$20,154,870.00</b>
Contingencies (20%)		\$4,047,694.00	\$4,071,094.00	\$4,038,694.00	\$4,037,774.00	\$4,008,874.00	\$4,030,974.00
Regional Cost Factor (15%)		\$3,642,924.60	\$3,663,984.60	\$3,634,824.60	\$3,633,996.60	\$3,607,986.60	\$3,627,876.60
Construction Costs (as of 01/88)		\$27,929,088.60	\$28,090,548.60	\$27,866,988.60	\$27,860,640.60	\$27,661,230.60	\$27,813,720.60
Escalation @ 5% to bid date		\$7,913,288.32	\$7,959,035.59	\$7,895,693.21	\$7,893,894.60	\$7,837,394.77	\$7,880,600.53
(estimated bid date: August 1993)		\$568,750.00	\$568,750.00	\$938,100.00	\$568,750.00	\$568,750.00	\$1,137,100.00
Site Acquisition Cost (as of 07/90)	ac	\$36,411,126.92	\$36,618,334.19	\$36,700,781.81	\$36,323,285.20	\$36,067,375.37	\$36,831,421.13
<b>TOTAL ESTIMATED COSTS</b>		<b>\$106,103,346.52</b>	<b>\$106,960,978.48</b>	<b>\$106,430,747.22</b>	<b>\$106,410,935.40</b>	<b>\$106,140,820.27</b>	<b>\$106,500,000.00</b>

TABLE I-2 (Continued)

**SUMMARY EVALUATIONS: COST ESTIMATES**

Development Costs	Cost (\$) per unit	Site C2
<b>Offsite Development (based on 150ft extension)</b>		
8" sewermain	\$120/lf	\$18,000.00
Sewer manholes	\$3000ea	\$3,000.00
8" watermain	\$260/lf	\$39,000.00
Accel/decel Lanes		
Signalization	none	\$0.00
Road Extension		
Improvements	\$175/lf	\$26,250.00
Utility Easement	none	\$0.00
<b>Total for Offsite Development</b>		<b>86,250.00</b>
<b>Onsite Development</b>		
General Improvements		6.5acs
	\$104,000.00/ac	\$676,000.00
Parking Stalls		294
	\$2,100.00/stall	\$617,400.00
Loading Stalls		2
	\$4,488.00/stall	\$8,976.00
Sewage Treatment Facility	none	\$0.00
<b>Building</b>		
Administrative Areas		98,022sf
	\$123.00/sf	\$12,056,706.00
Courts, Chambers, etc		35,132sf
	\$184.00/sf	\$6,464,288.00
<b>Total for Onsite &amp; Building</b>		<b>\$19,823,370.00</b>
Subtotal (Offsite & Onsite)		\$19,909,620.00
Contingencies (20%)		\$3,981,924.00
Regional Cost Factor (15%)		\$3,583,731.60
<b>Construction Cost (as of 01/88)</b>		<b>\$27,475,275.60</b>
Escalation @ 5% to bid date (estimated bid date: August 1993)		\$7,785,119.60
Site Acquisition Cost (as of Feb 92) \$4.00/sf x 6.5 acs		\$1,132,560.00
<b>TOTAL ESTIMATED COST</b>		<b>\$36,392,954.60</b>

## II. PROJECT NEED AND DESCRIPTION

## II. PROJECT NEED AND DESCRIPTION

### A. Study Purpose:

A new combined Circuit, District, Family Court Courthouse is proposed to replace the current obsolete facility in Lihue for the Fifth Judicial Circuit which serves the entire island of Kauai. In implementing this proposal, this report is intended to accomplish the following:

Identify several potential sites for the new judicial facility and, through an evaluation process, narrow the alternatives to a list of candidate sites for final consideration

Assess each candidate site with respect to the requirements set forth in Chapter 343 of the Hawaii Revised Statutes, and the Department of Health's Title 11, Chapter 200 pertaining to "Environmental Impact Statement Rules"

### B. Background:

#### 1. The State Judicial System

The State of Hawaii Judiciary consists of four major court system components: The Supreme Court; the Intermediate Court of Appeals; the Circuit Courts; and the District Courts. The Circuit Court component includes the Family Court and Probation Services. For this study, the Fifth Judicial Circuit for the Island of Kauai will be addressed in detail.

The overall organization of the State's court system as it relates to the Fifth Circuit is shown on Figures 2, 3, and 4.

#### a. The Circuit Court System

The Circuit Court system is the court of general jurisdiction. It has authority over criminal felony cases, civil suits, probate proceedings, juvenile offenses, marital actions, and other family matters.

There are four judicial circuits in the State of Hawaii. The first covers the island of Oahu (First Judicial Circuit), next the islands of Maui, Molokai and Lanai (Second Judicial Circuit), then the island of Hawaii (Third Judicial Circuit), and finally the island of Kauai (Fifth Judicial Circuit).

5th CIRCUIT COURT  
JUDGE

CHIEF JUSTICE

JUDGE

Administrative Assistant I (SR19)  
Circuit Court Clerk II (SR19)  
Court Reporter (SR24)  
Court Bailiff I (SR13)  
Legal Researcher (SR21)

Figure 2  
5th CIRCUIT COURT  
COURT ADMINISTRATOR'S OFFICE

ADMINISTRATIVE JUDGE

COURT ADMINISTRATOR'S OFFICE  
Circuit Court Administrator I (EM05)\*

Secretary II (SR12)

Library Technician V (SR11)

Estate & Guardianship Specialist (SR19)

FISCAL OFFICE  
Court Fiscal Officer IV (SR21)

Account Clerk V (SR15)  
Account Clerk III (SR11)

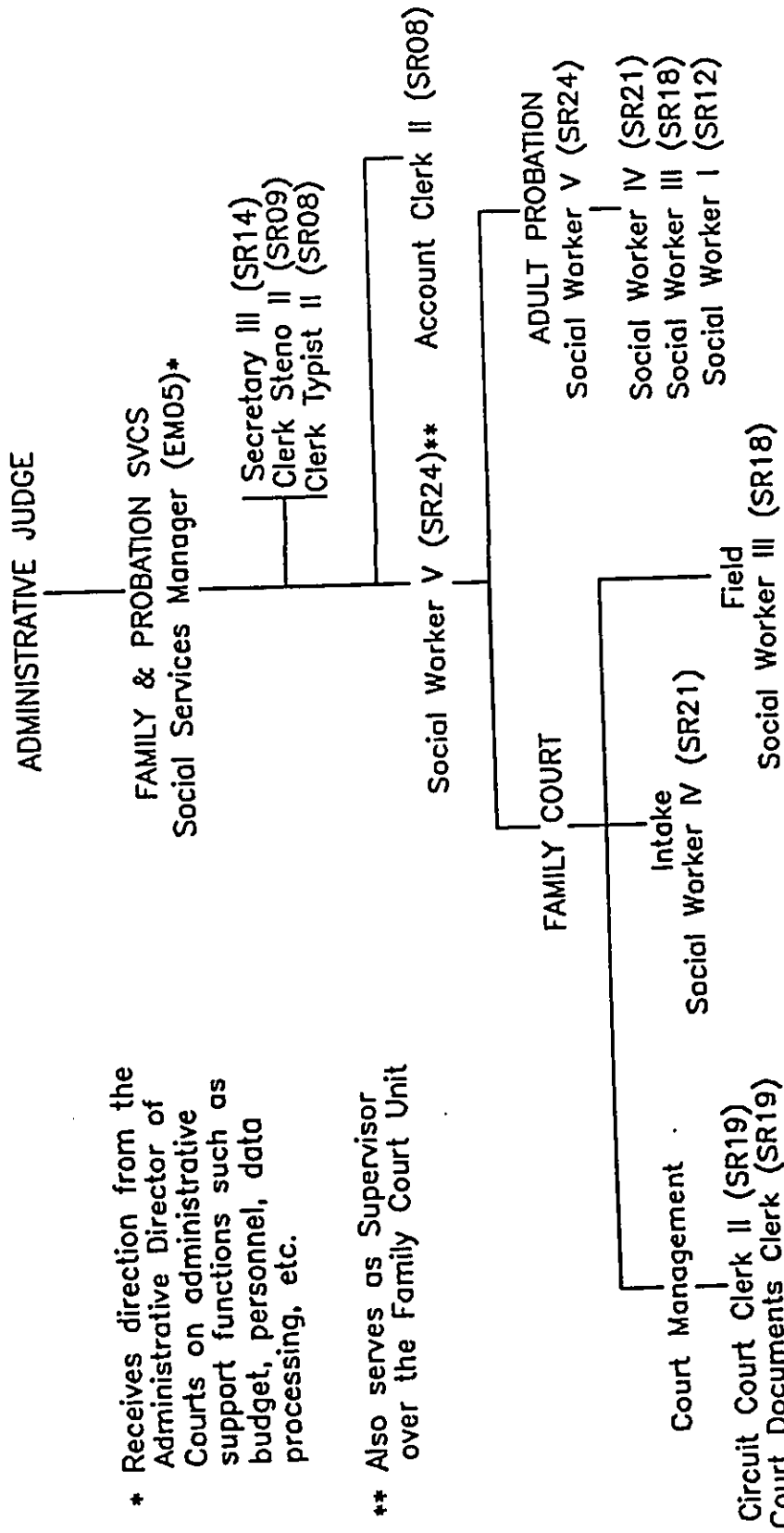
COURT DOCUMENTS  
Court Documents Clerk (SR19)  
Circuit Court Clerk II (SR19)  
Court Clerk (SR10)  
Clerk Typist II (SR08)

\* Receives direction from the Administrative Director of Courts on administrative support functions such as budget, personnel, data processing, etc.

Prepared by:  
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Honolulu, Hawaii 96813



Figure 3  
5th CIRCUIT COURT  
FAMILY & PROBATION SERVICES

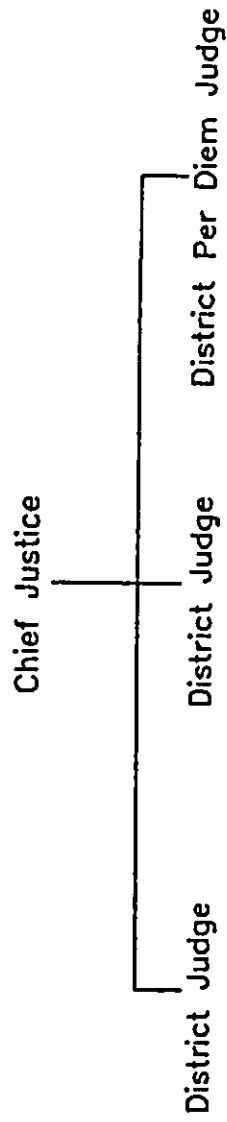


\* Receives direction from the Administrative Director of Courts on administrative support functions such as budget, personnel, data processing, etc.

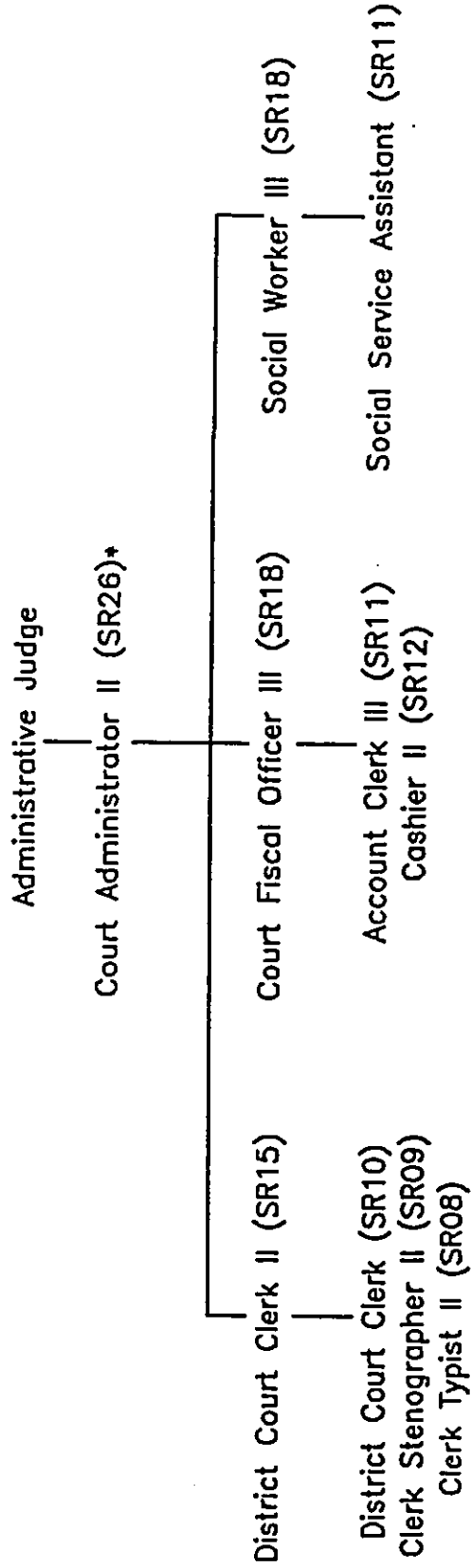
\*\* Also serves as Supervisor over the Family Court Unit

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Figure 4  
5th DISTRICT COURT  
JUDGES



5th DISTRICT COURT



\* Receives direction from the Administrative Director of Courts on administrative support functions such as budget, personnel, data processing, etc.

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b. The Family Court System and Probation Services

The Family Court system is a division within the Circuit Court. Generally, the Family Court has exclusive original jurisdiction over proceedings involving juvenile crimes, child abuse, marriage annulment, divorce and separation, and related youth and family matters.

The Probation Services operate under the jurisdiction of the Circuit Court. It conducts the investigations for the court and supervises persons placed on probation by the court. The Probation Services investigations assist the court by recommending appropriate sentences for adults convicted of felonies while the supervisory services entail counseling, psychiatric help, discipline and guidance.

c. The District Court System

District Courts exercise jurisdiction over civil matters involving amounts less than \$5,000, small claims matters, traffic and other violations, and criminal misdemeanors. The operation is also responsible for court and facility security, prisoner movement, cell block operations, and personnel protection.

2. Existing Operations of the Fifth Judicial Circuit

The Fifth Judicial Circuit exercises judicial authority over the entire Island of Kauai. Its Circuit Court operations are conducted in Lihue in an existing 20,800 gross square feet facility that presently houses the Circuit Court, the District Court, and the Family Court operations. The building contains three courtrooms, one for the Circuit Court (1,334 gross sf), another for the District Court (1,015 gross sf), and the third for the Family Court (432 gross sf). It also has a jury room, the Circuit and District Court Clerks' offices, and the judges' chambers on the first floor. The law library, record storage, Family Court, and Probation offices are in the basement. This State owned building is also occupied by certain other State offices.

Besides the facility in Lihue, there are also three other District Court locations for the Fifth Judicial Circuit on Kauai. They are located in Waimea, Hanalei, and Koloa. These three outlying District Court facilities are used only once weekly due to the low caseload volume and traffic at these locations. The District Courthouse at Hanalei is also used by the Department of Health and by the public for community meetings.

C. Project Need:

The existing Lihue Courthouse has been found to be spatially and operationally inadequate. Each of the other three satellite courthouses at Hanalei, Koloa, and Waimea were found to be generally adequate. The Carter Goble report has recommended that each of the satellite courthouses be retained for continued use since they were found to be in relatively good condition, and have a low volume of usage.

On the other hand, the Lihue Courthouse was last renovated in 1973 and, while the building itself is in good condition, it tends to flood in the basement areas during storms because of the added handicap ramp and undersized drains. Furthermore, the building

was rated spatially inadequate due to inappropriate Family Court spaces in the basement and also due to the ever increasing volume of caseload. Operationally, the facility was also rated inadequate because it does not have a sallyport nor the holding cells for detainees. The size and ceiling height of the existing Family Court is also substandard based on present Judicial Space Standards. Due to the low ceiling in the basement, suspended mechanical equipment and piping become obstacles in the Law Library and the Family Courtroom. The wall partitions in the Probation Office are low. They were built low to allow for air conditioning. However, the low heights negate the privacy that is needed in the meetings. The clerk's office is presently also in a cramped space. Both courtrooms have the judges' bench in the corner on an 18 inch high platform and the witness stand on a 12 inch high platform. The clerk has no fixed station in the courtrooms to use.

The summary of findings for the Fifth Judiciary as contained in the Carter Goble report shows a 70 percent anticipated increase in filings for the year 2005 as compared to three years ago in 1987. A plot of the Carter Goble forecast is shown on Figure 5. The plot further projects the forecast another five years to 2010 so that the information will align with the period for which this report is being prepared. At 2010, the anticipated filings for all courts is around 75,850 filings. This is almost three (2.95) times the volume that was experienced in 1987 and almost two and a half (2.42) times that projected for 1990.

Based on these present conditions, and the ever increasing caseloads, the Carter Goble report has recommended that a new courthouse be built to replace this existing facility and relieve the present congestion, particularly in the Family Court.

**D. Project Area:**

The spatial and operational inadequacies presently being experienced at the existing Lihue Courthouse facility indicate there is a definite need for a new Kauai Judiciary Complex. On the other hand, each of the satellite courthouses have been found to be in good condition, have a low volume of usage, and deemed to be adequate. The Carter Goble report does recommend that each of the satellite courthouses be kept for continued use. The report however, also recommends that a new facility be built in the Lihue area to accommodate the growth in the volume of cases and also to relieve the present congestion and deficiencies at the existing facility, particularly in the Family Court.

**E. Project Requirements:**

**1. Building Area Requirements**

The project will provide space for judicial proceedings and will include courtrooms (for hearings and trials), judges' chambers (for conferences, hearings, legal research, and signing of legal documents), areas for offices, administrative and support services, probation services, driver education and the traffic violations bureau, law library, and other additional functional areas for jury selection, jury deliberation, prisoner holding facilities, interview and conference rooms, and records and exhibits storage.

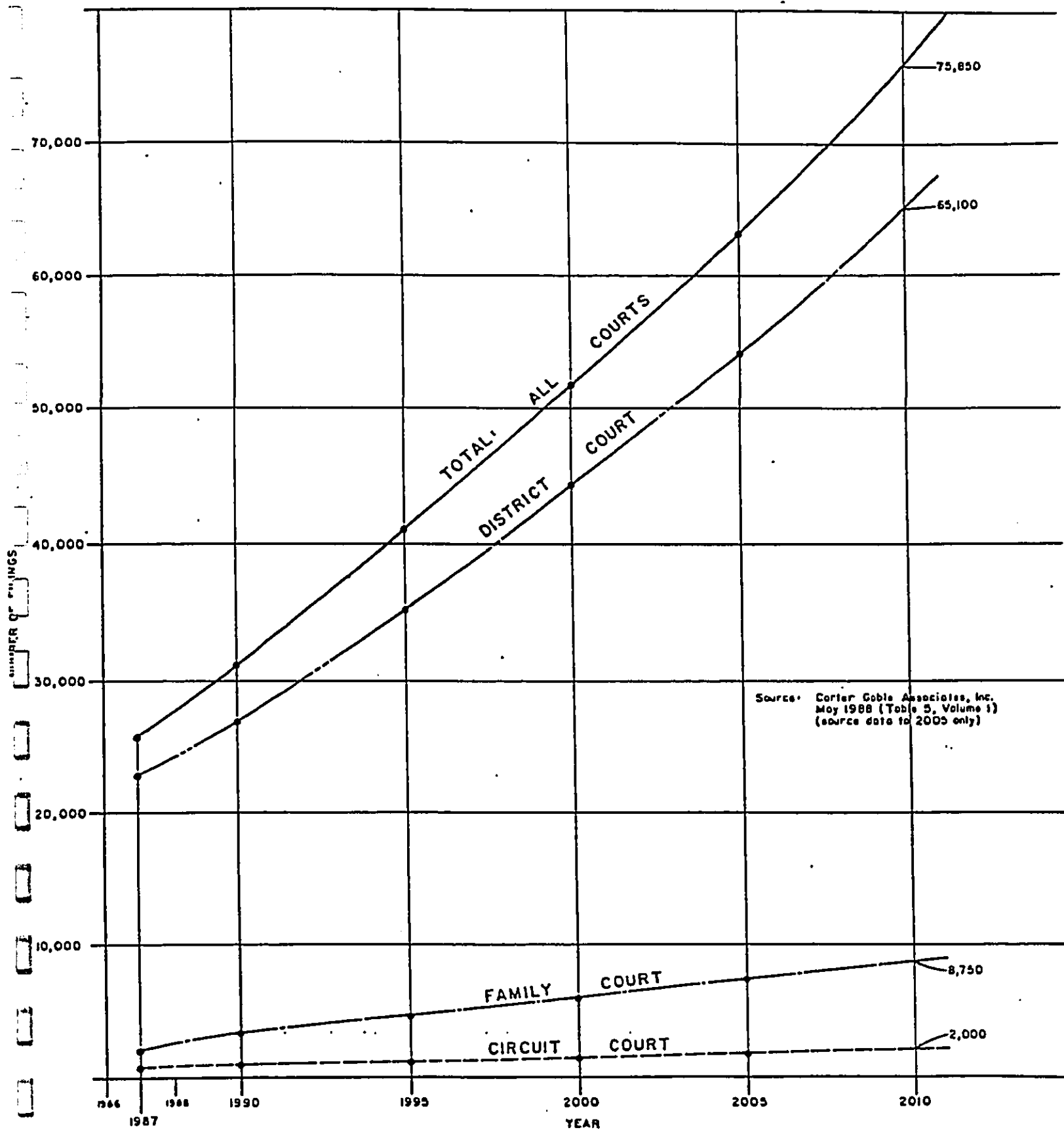


Figure 5.- PROJECTED FILINGS TO THE YEAR 2010

As noted in Appendix A, "Summary of Space Requirements and Building Size for the Fifth Judicial Circuit for the year 2010", the Circuit Court will require 54,252 gross square feet, the Family Court will require 36,885 gross square feet, and the District Court will require 41,246 gross square feet for a total of 132,383 gross square feet. These figures already include the following key assumptions,

- a. a 25% circulation factor added to the total personnel space in each division.
- b. a 50% net area to gross area factor to allow for hallways, stairwells, utilities, etc.

2. **Parking Requirements**

The parking requirements contained in the Kauai County Comprehensive Zoning Code do not specifically address those of a judicial facility. The parking computations based on the Kauai Code resulted in a rather low stall count. Recognizing this to be a potential problem in the future, based on the type of usage the building will be put to, it therefore became necessary to develop this project's parking requirements using a comparison of the parking criteria for the other Counties for a similar type facility. The tabulated comparison appears in Appendix B of this report. The parking needs for this project are categorized into two phases. Initially, 284 parking stalls are to be built with the project and then another 12 parking stalls are to be built when the future space in the new complex is utilized. The 284 parking stalls include 2 full sized loading stalls. In summarizing, the overall required parking stalls for the project is set to be 294 vehicular stalls and two loading stalls.

3. **Land Area Requirements**

The projected land area requirement for siting the proposed Judiciary Complex is determined to be a minimum of 6.5 acres. This minimum area is based on the projected building space needs and an all inclusive provision for parking, open space, landscaping, and space for future expansion up to and including the year 2010. (See Appendix C for the land area computations)

4. **Construction**

Construction of the project will include the following activities:

- Site Clearing, grading, and earthwork
- Excavation & filling for laying of utility lines and foundations
- Laying concrete and masonry units
- Carpentry, drywall, glasswork, roofing
- Landscaping and sprinklers
- Paving for driveways, parking, walkways

The impact of these short-term construction related activities are addressed in detail in other parts of this report.

5. Use of Public Funds or Lands

The project will be funded by public funds through CIP appropriations from the State Legislature. The use of State owned lands was a strong consideration in the site selection process to keep land acquisition and tenant relocation costs to a minimum. However, since no State owned lands in the Lihue area were available for the proposed judiciary complex, the alternate was to pursue former or soon to be former sugar cane lands nearby where the land costs would not be as great as that for urbanized lands.

6. Development Schedule

The proposed project will basically consist of relocating and reestablishing the Fifth Judicial Circuit from their present obsolete space to the new facility.

No tenant displacement is anticipated since the sites are either former, or soon to be former, sugar cane fields.

Depending upon the site selected, *other considerations affecting the development schedule* are time needed:

to obtain funding for the design and construction of the project

for assembling and preparing the site selection study

for compliance with Chapter 343 of the HRS relating to the Environmental Impact Statement for the project

to design and construct the project

for obtaining government approvals

### III. THE PROJECT SETTING



### III. THE PROJECT SETTING

#### A. Regional Overview:

##### 1. Community Character

The proposed candidate sites (Sites A1, A2, A3, B, B1, C, and C2) are located on the outskirts of Lihue on lands that are former, or soon to be former, sugar cane fields. Lihue itself is a quaint old town that has been experiencing robust growth over several years and, as a result, has undergone many changes. The town is made up of a mixture of land uses that include residential, recreational, institutional, industrial, commercial, business, and shopping centers. This mixture typifies Lihue as an established urbanized community. It already has an old courthouse facility that is undersized and inefficient. The proposed Kauai Judiciary Complex will replace this facility which, by today's standards, is considered obsolete.

Candidate Site C2 is on a larger parcel of land situated on the west side of the fairly new Kukui Grove Village West Subdivision. The following are some of the kinds of businesses and activities the new subdivision either already has or will ultimately have; professional and office buildings, retail complexes, wholesale and retail outlets for automotive parts, a non profit organization building, a child day care center, recreational facilities, a golf driving range, a miniature golf operations, and a multipurpose park area. The existing Kukui Grove Shopping Center with its various retail businesses and offices is located immediately east of the subdivision. The Kauai Community College is located across Kaumualii Highway towards the northwesterly direction and the existing Puhi Subdivision with its many residential lots is to the west. While sugar cane is presently being cultivated on this land, Grove Farm Land Corporation plans to develop the land and construct the infrastructure in the area in about two years thereby making Site C2 available for building.

There are no autonomous municipal governments within Kauai County, and like the Counties of Maui and Hawaii, the County is governed by a Mayor-County Council form of government.

#### B. Lihue Area:

##### 1. Existing Land Uses

Existing land uses in the Lihue area are typical of an urbanized community. While single family residences occupy most of the lands in the Lihue area, other significant land uses include:

Transportation facilities (e.g. Lihue Airport, Nawiliwili Deep Draft Harbor)

Shopping centers (e.g. Lihue Shopping Center, Kukui Grove Shopping Center)

Educational Facilities (e.g. Kauai High School, Wilcox Elementary School, Kauai Community College, Public Library)

Industrial areas (e.g. Lihue Industrial Park)

Recreational facilities (e.g. Kauai Memorial Auditorium, Lihue Sports Stadium)

Government offices (e.g. County, State, and Federal Agencies)

Institutions (e.g. Wilcox Memorial Hospital)

## 2. Climate

The Lihue district, lying in the eastern half of the island and facing the prevailing northeast trade winds, enjoys a relatively mild and uniform climate throughout the year. The area's monthly temperatures experience slight changes, averaging about 69°F during the winter months and about 78°F during the summer months. Records of rainfall in the Lihue area show an annual median of about 50 inches. A striking feature of the rainfall pattern over the Lihue area is the steepness of the rainfall gradient stretching from the east shoreline westward to the central dome of the island. The mean annual rainfall along the eastern coastline is a little less than 50 inches as compared to the mean annual figure of about 450 inches or more at Mt. Waialeale, only 11 miles to the west.

## 3. Flora

Most of the native (endemic) flora at the candidate sites were destroyed over the past several decades as a result of intense sugarcane cultivation and has since been replaced by the more aggressive introduced or non-native (exotic) species that are known throughout many other tropical areas of the world. Many of these non-native tropical plant species however, have since undergone further variations over the years due to the isolation of the islands.

It is difficult to ascertain the exact nature of the original vegetation that grew in these areas that were formerly used for the cultivation of sugarcane. No doubt, the plateau contained grasses and shrubs. Further inland, along the streams and in the valleys where water was abundant, taro, sweet potatoes, bananas, breadfruit, Kukui, wauke, and coconuts were cultivated. During the early periods, the native fauna was not exposed to foreign diseases, insects, and aggressive exotic fauna introductions. During the late 1800s and early 1900s, sugarcane cultivation replaced almost all of the native vegetation.

With man and feral animals encroaching on the remaining undeveloped land areas, endemic and indigenous plants will continue to decline. The rapid and aggressive growth of exotics as well as the use of herbicides in agricultural activities has greatly reduced the endemic varieties. The majority of the candidate sites are near the Lihue Airport. During the late 1970s, a study was made of the flora for all areas within a five mile radius of the airport. Since most of the candidate sites are within this study area, this report adopts the findings of the study for these sites. As for Site C2, sugarcane growth continues to make up most, if not all, of the existing vegetation on the site. A list of the plant species observed within five miles of the airport area is shown on Table A.

There are no rare or endangered plant species at any of the candidate sites and, no adverse effects of flora is anticipated for any of the sites.

4. Fauna

The Hawaiian bat (*Lasiurus cinereus semotus*), an endemic mammal, and listed as endangered on the Federal Register, is found on Kauai. No other known endemic or native mammals are found on the island, but a few have since been introduced. Table B lists the exotic mammal species found in the area of the candidate sites. The list is adopted from a study performed in 1979 for the Lihue Airport area and is applicable to those candidate sites within the same study area.

With the removal of forests in the vicinity of the sites, the native birds have retreated to the remote mountainous native forests. Few suitable habitats and nesting areas for endemic and indigenous species are found in the study area. To date, land areas below 2000 feet in elevation are just about void of native birds because of the introduction of exotic birds, goats, horses, cattle, and sheep.

Table C lists the bird species observed during the 1979 study within a 5 mile radius of the Lihue Airport area. Only two of the four endangered bird species noted on the table can still be found in the vicinity of the sites. These endangered waterfowl are the Hawaiian Stilt and the Hawaiian Coot. A preferred habitat of these endangered species is the Lihue Mill settling basin located southwest of the intersection of Ahukini Road and Kapule Highway.

Since none of the candidate sites are near to or adjacent to this settling basin, and because there are no suitable habitats on any of the candidate sites for these endangered waterfowl, there will be no adverse effects on fauna.

Table A

PLANTS FOUND IN THE LIHUE AIRPORT VICINITY<sup>a</sup>

ENDEMIC SPECIES

<u>Scientific Name</u>	<u>Common Name</u>
Acacia Koa	Hawaiian Koa
Aleurites moluccana	Kukui
Cibotium chamissoi	Tree Fern
Cordyline terminalis	Ti
Dicranopteris linearis	Staghorn Fern
Hibiscus tiliaceus	Hau
Santalum elipticum	Sandalwood

EXOTIC SPECIES

<u>Scientific Name</u>	<u>Common Name</u>
Acacia farnesiana	Kly
Amaranthus spinosus	Spiny Amaranth
Cassia leschenaultiana	Japanese Tea
Chloris radiata	Radiate Fingergrass
Chrysopogon aciculatus	Philipiliula
Cynodon dactylon	Bermuda grass
Demanthus virgatus	Demanthus
Lantana camara	Lantana
Leucaena glauca	Eroa
Mimosa pudica	Sensitive plant

EXOTIC SPECIES (cont.)

<u>Scientific Name</u>	<u>Common Name</u>
Panicum maximum	Guinea grass
Panicum purpescens	Para grass
Paspalum conjugatum	Hilo grass
Psidium guajava	Guava
Rhodomyrtus tomentosa	Rhodomyrtus
Rubus rosaefolius	Thimbleberry
Setaria verticillata	Bristly foxtail
Tricholaena repens	Natal red top
Watheria americana	Hilaloa
Xanthium strumarium	Cocklebur

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a. The Airport vicinity is defined as all areas within a five-mile radius of Lihue Airport

Source: Environmental Communications, Inc., Inventory and Initial Analysis of Environmental Conditions and Concerns--Lihue Airport Master Plan Study (Honolulu, Hawaii: April 1975).

Table B

**MAMMALIAN SPECIES FOUND IN THE  
LIHUE AIRPORT VICINITY<sup>a</sup>**

<u>Scientific Name</u>	<u>Common Name</u>
Rattus rattus	Black rat
Rattus exulans	Hawaiian rat
Rattus norvegicus	Norway rat
Mus musculus	House mouse
Sus scrofa	Feral pig
Copra hircus	Feral goat
Felis catus	Feral cat

a. The Airport vicinity is defined as all areas within a 5-mile radius of Lihue Airport.

Source: Environmental Communications, Inc., Inventory and Initial Analysis of Environmental Conditions and Concerns--Lihue Airport Master Plan Study (Honolulu, Hawaii: April 1975).

Table C

**BIRD SPECIES FOUND IN THE LIHUE AIRPORT VICINITY<sup>a</sup>**

**ENDEMIC SPECIES**

<u>Scientific Name</u>	<u>Common Name</u>
Anas ocuta	Pintail
Anas platyrhynchos wyv.	Kolao Duck (e)
Arenaria interpres	Ruddy Turnstone
Asio flammeus	Pueo
Crocethia alba	Sanderling
Fulica americana haw.	Hawaiian Coot (e)
Gallinula chloropus haw.	Hawaiian Gallinule (e)
Heteroschulus incanum	Wandering Tattler
Himantopus mexicanus haw.	Hawaiian Stilt (e)
Nycticroax nycticorax	Black Crowned Heron
Phaethon lepturus	White Tail Tropicbird
Pluvialis dominica	American Golden Plover
Puffinus pacificus	Wedge-tailed Shearwater
Spatula clypeata	Shoveler
Sula sula	Red-footed Booby
(e)	Denotes endangered status.

**EXOTIC SPECIES**

<u>Scientific Name</u>	<u>Common Name</u>
Acridotheres tristis	Mynah
Alectoris graeca	Chukar Partridge

EXOTIC SPECIES (cont.)

<u>Scientific Name</u>	<u>Common Name</u>
Bubulcus ibis	Cattle Egret
Carpodacus mexicanus fron.	House Finch
Copsychus malbaricus	Shama Thrush
Coturnix coturnix	Japanese Quail
Garrulux canorus	Chinese Thrush
Geopelia striata striata	Barred Dove
Lonchura punetulata	Ricebird
Meleagris gallopavo int.	Turkey
Mimus polyglotus	Mockingbird
Paroaria cucullata	Brazilian Cardinal
Passer domesticus	House Sparrow
Phasianus colchicus	Ring-neck Pheasant
Richmondia cardinalis	Cardinal
Sturnella neglecta	Western Meadowlark
Tyto alba	Barn Owl

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a. The Airport vicinity is defined as all areas within a 5-mile radius of Lihue Airport.

Source: Environmental Communications, Inc., Inventory and Initial Analysis of Environmental Conditions and Concerns--Lihue Airport Master Plan Study (Honolulu, Hawaii: April 1975).



5. Soils and Topography

The soils in the Lihue area are categorized as the Lihue-Puhi Association. A soil association is a landscape that has a distinctive proportional pattern of soils. It normally consists of one or more major soils and at least one minor soil, and it is named for the major soils. The soils in one association may occur in another, but in a different pattern. The Lihue-Puhi Association is made up of well-drained, medium-textured and fine-textured soils, having nearly level to steep slopes. They were developed in material weathered from basic igneous rock and make up about 12 percent of the island.

The elevations range from near sea level to 800 feet. The mean annual soil temperature is about 75°F.

The Lihue soils make up about 40 percent of the association and the Puhi soils 35 percent. Ioleau, Koloa, and other soils, and areas of Rough broken land make up the rest.

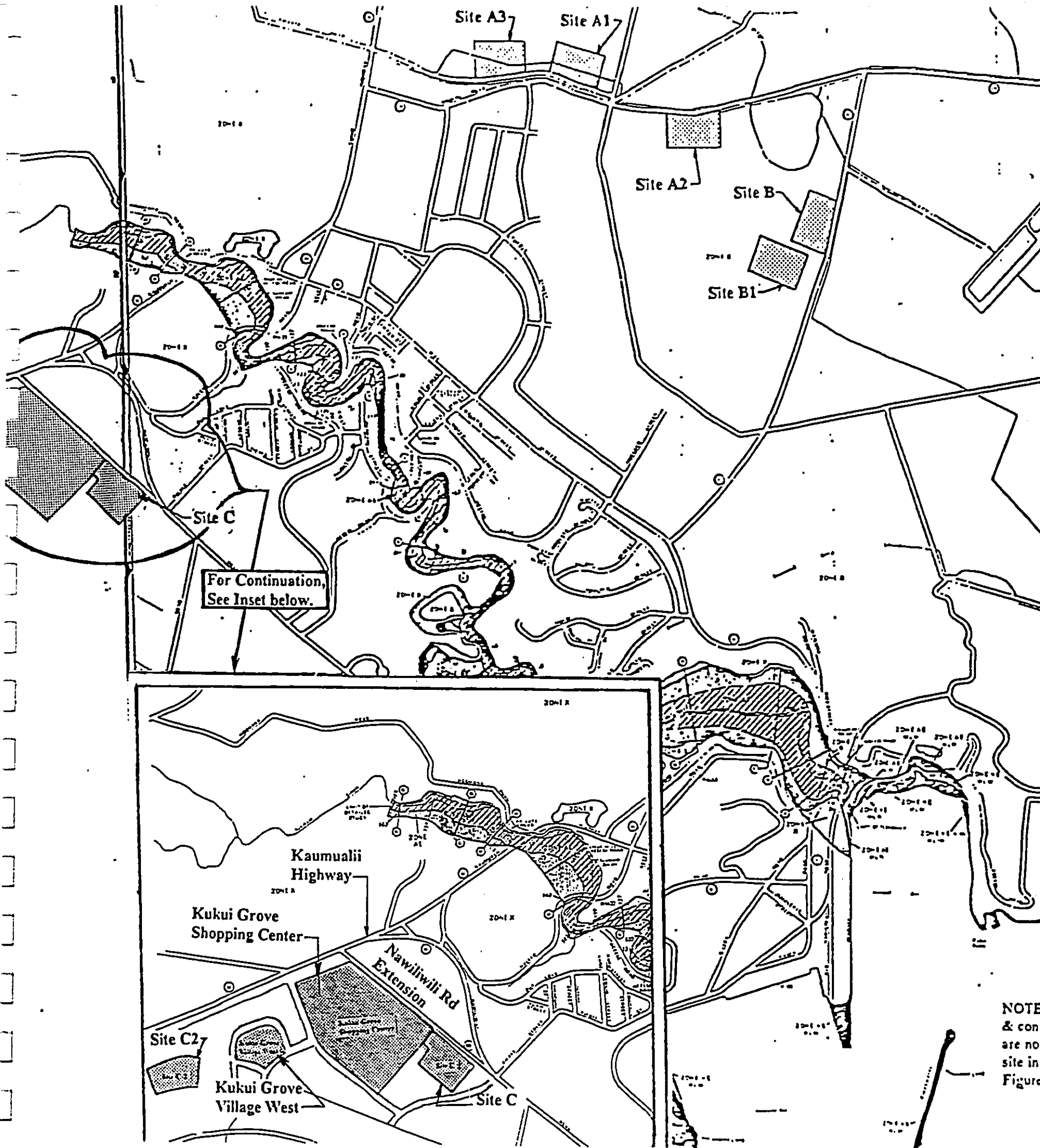
The Lihue (LhB) soils have a surface layer of dusky-red to dark reddish-brown, firm to friable silty clay. The subsoil is dark-red to dark reddish-brown, firm silty clay. The substratum is soft, weathered basic igneous rock. Puhi (PhB) soils have a surface layer of brown to very dark-brown, friable silty clay loam. The subsoil is reddish-brown to dark-brown, friable silty clay loam and silty clay. The substratum is soft, weathered basic igneous rock. These soils are characterized to have a moderately rapid permeability, a slow runoff, and a slight erosion hazard. They also have a moderate shrink swell potential which is common to many Hawaiian soils. Aside from these characteristics, the soil types have no other unusual conditions that would affect construction.

This association is used largely for irrigated sugarcane or pineapple crops, pasture, woodland, and wildlife habitat with sugarcane being the main crop. The Soil Conservation Service classifies the Lihue Silty Clay soil in Sugarcane Group 1 indicating it is most suitable for sugarcane cultivation. The Land Study Bureau Detailed Land Classification for Kauai identifies the redominant soil ratings on the sites as B41i and B78i which means the soils have a good productivity potential for most agricultural purposes. The Agricultural Lands of Importance to the State of Hawaii classifies most of the sites as "prime".

Sources: Soil Survey of Islands of Kauai, Oahu, Maui, Molokai and Lanai, State of Hawaii, US Department of Agriculture, Soil Conservation Service dated August 1972; Land Study Bureau Detailed Land Classification for Kauai; and The Agricultural Lands of Importance to the State of Hawaii.

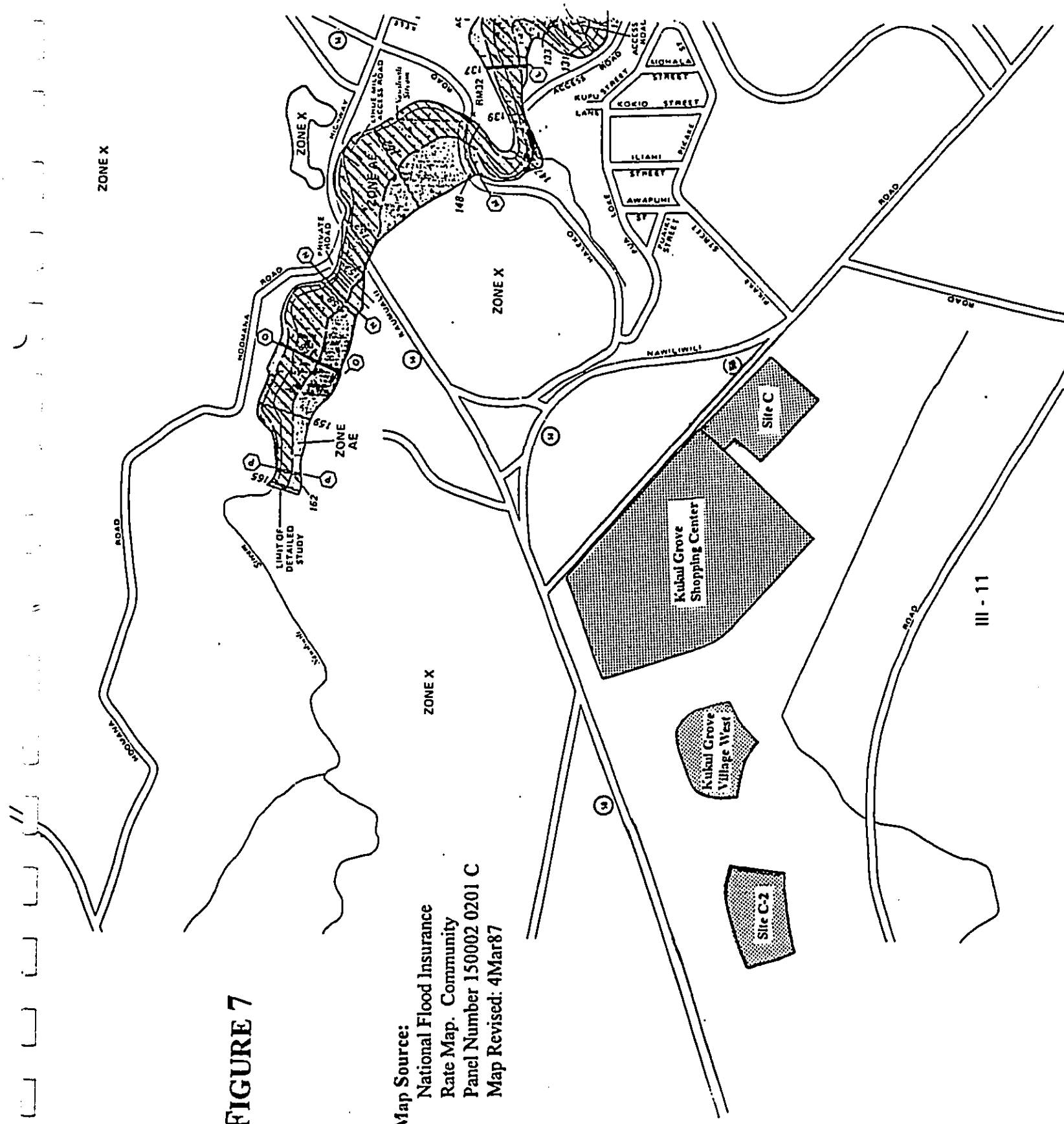
6. Flood Hazard

Figure 6 (Federal Flood Insurance Rate Map No. 150002 0202 C dated March 4, 1987) shows six of the seven candidate sites located in the Zone X (unshaded) areas. Zone X (unshaded) areas are described as areas being outside of the 500 year flood plain. The seventh site, C2, is also in the Zone X area. It is to the left of, and slightly below site C on Figure 7. However its location is far from, and well above the Puali (Niumalu) Stream, Huleia Stream, and Nawiliwili Harbor and it is not in the path of any major floodway nor is it in any tsunami zone.



NOTE  
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site in  
Figure





**FIGURE 7**

Map Source:  
 National Flood Insurance  
 Rate Map. Community  
 Panel Number 150002 0201 C  
 Map Revised: 4Mar87

7. Archaeological and Historic Sites

At the request of the Department of Accounting and General Services, the Department of Land and Natural Resources Historic Preservation Section conducted an archaeological field check at the locations encompassing the five candidate sites for the new Kauai Judiciary Complex. Their letter report can be found in Appendix F, Part 1.

There were no archaeological and/or historic sites found in the areas covered by the sugarcane growth for the parcels containing Sites A1, A2, B, and B1. There is however, a historic building identified as 9402 elsewhere on the parcel containing Sites B and B1 that is in disrepair. This building was used by radio station KTOH for several years before their move to another location. Three additional historic residences (9390, 9401, and a caretaker's home) were found on Site C. The presence of other significant prehistoric sites appear unlikely because of past sugarcane cultivation activities.

In summary, the Historic Sites Preservation recommendations are, if the historic buildings encountered are avoided, and if the valleys and gulches in Hanamaulu are avoided, then the construction of the proposed judiciary building will have "no effect" on significant archaeological and/or historic sites. However, if the historic buildings are to be affected, then further documentation and significance evaluations would be needed and then, possibly mitigation.

All the candidate sites are away from the valleys and gulches in Hanamaulu and therefore will not impact on them. Accordingly, the new facility will be sited in such a manner on the selected site that none of the historic buildings encountered during the field check should or will be affected.

Site C2 is presently overgrown with sugarcane. No archaeological and/or historic sites were visually noted. The State Historic Sites Preservation visited the site on a separate trip and their findings are attached as Appendix F, Part 3.

8. Geology and Hydrology

The Lihue area can be best described as a huge circular basin, bounded by the Kakepa and Nonou Ridges on the east, the Waialeale and Kawaikini Mountains on the west, the Makaleha Mountain to the north, and the Haupu Ridge to the south. Lihue town lies in the southeast portion of this basin where a low lying area about three miles wide separates the Kalepa and Haupu Ridges.

The underlying geologic structure of the candidate sites is lava of the Koloa Volcanic series. The Koloa lavas were deposited during the Pleistocene Epoch, roughly 1.5 million years after the Waimea Canyon Volcanic Series formed Kauai (MacDonald, et al., 1970). Koloa lavas cover half of the eastern portion of Kauai.

Precipitation in the area is approximately 50 inches per year with most of the rainfall occurring from November through April.

C. Socioeconomic Characteristics:

1. Population

Kauai had an estimated total resident population of 49,300 as of July 1, 1988 with most of the people residing in the Kawaihau (28%), Koloa (24%), and Lihue (20%) districts (See Figure 8).

Kauai experienced a little over 26.1% change in the resident population growth during the eight year period from 1980 to 1988. This growth is expected to continue into future years at the following anticipated population growth rates,

<u>Year</u>	<u>Residents from 1988</u>	<u>% increase</u>
1990	54,100	9.7%
1995	61,100	23.9%
2000	68,200	38.3%
2005	75,500	53.1%
2010	84,600	71.6%

The median age of the population in 1988 was 30.5 years for male residents and 32.3 years for female residents. By the year 2010, the median ages of the residents are expected to increase to 33.6 years for male residents and 37.2 years for female residents. The median ages began to be in the thirties from around 1985 which would tend to indicate the community is stable.

Sources: Population and Economic Projections for the State of Hawaii to 2010, dated November 1988 (Figure 8A), and the Quarterly Statistical & Economic Report for the 4th Quarter, 1989, both prepared by the Research and Economic Analysis Division, Dept of Business & Economic Development, State of Hawaii.

2. Land ownership

Land on Kauai is owned by private landowners (55.95%), the State of Hawaii (42.98%), the Federal Government (0.90%), and the County of Kauai (0.17%).

Source: Table 177 - Land Ownership or Tenure By Islands, Fall 1988, The State of Hawaii Data Book, 1989

The land for the candidate sites is owned as follows,

<u>Site</u>	<u>Ownership</u>
A1, A2, A3	Amfac/JMB
B, B1	Amfac/JMB
C	Grove Farm Land Corp.
C2	Grove Farm Properties*

\*Land is presently leased to Lihue Plantation Company for sugar cane cultivation and related uses. The Lihue Plantation lease expires in 1994. Grove Farm Properties however, has the right to withdraw substantially, all of the property from the lease in advance of the expiration.

**FIGURE 8**  
**RESIDENT POPULATION OF COUNTIES AND**  
**DISTRICTS: 1970, 1980, AND 1988**

County and district	April 1, 1970	April 1, 1980	July 1, 1988	Percent change	
				1970 to 1980	1980 to 1988
State total.....	769,913	964,691	1,098,200	25.3	13.8
Hawaii County.....	63,468	92,053	117,500	45.0	27.6
Puna.....	5,154	11,751	19,800	128.0	68.6
South Hilo.....	33,915	42,278	45,400	24.7	7.3
North Hilo.....	1,881	1,679	1,400	-10.7	-13.9
Hamakua.....	4,648	5,128	5,300	10.3	3.9
North Kohala.....	3,326	3,249	3,700	-2.3	14.4
South Kohala.....	2,310	4,607	7,900	99.4	71.1
North Kona.....	4,832	13,748	21,600	184.5	56.8
South Kona.....	4,004	5,914	7,500	47.7	26.7
Ka'u.....	3,398	3,699	4,900	8.9	31.1
Maui County 1/.....	46,156	70,991	93,000	53.8	31.0
Hana.....	969	1,423	1,800	46.9	26.8
Makawao.....	9,979	19,005	25,400	90.4	33.7
Wailuku.....	22,219	32,111	42,800	44.5	33.4
Lahaina.....	5,524	10,284	14,000	86.2	36.4
Lanai.....	2,204	2,119	2,200	-3.9	2.9
Molokai.....	5,089	5,905	6,600	16.0	12.1
Kalawao.....	172	144	121	-16.3	-16.0
City & Co. of Honolulu	630,528	762,565	838,500	20.9	10.0
Honolulu.....	324,871	365,048	379,300	12.4	3.9
Koolaupoko.....	92,219	109,373	117,900	18.6	7.8
Koolauloa.....	10,562	14,195	16,700	34.9	17.5
Waialua.....	9,171	9,849	11,400	7.4	16.2
Wahiawa.....	37,329	41,562	45,400	11.3	9.2
Waianae.....	24,077	31,487	35,300	30.8	12.1
Ewa.....	132,299	191,051	232,500	44.4	21.7
Kauai County.....	29,761	39,082	49,300	31.3	26.1
Hanalei.....	1,182	2,668	5,300	125.7	99.3
Kawaihau.....	7,393	10,497	13,700	42.0	30.8
Lihue.....	6,766	8,590	10,000	27.0	16.8
Koloa.....	6,851	8,734	11,600	27.5	33.2
Waimea.....	7,569	8,593	8,600	13.5	-0.2

1/ Including Kalawao County.

Source: U.S. Bureau of the Census, *1980 Census of Population, Number of Inhabitants, Hawaii*, PC80-1-A13 (October 1981), table 4; Hawaii State Department of Business and Economic Development, unpublished estimates.

Figure 8A

POPULATION AND ECONOMIC PROJECTIONS FOR  
KAUAI COUNTY: 1985 TO 2010

[In thousands]

County and variable	1985	1990	1995	2000	2005	2010
Resident population .....	45.4	54.1	61.1	68.2	75.5	84.6
De facto population.....	56.2	70.1	81.7	94.0	104.8	120.3
Civilian jobs .....	19.9	25.3	29.8	34.2	38.1	42.5
Wage and salary jobs.....	18.0	23.1	27.4	31.6	35.4	39.3
Agriculture .....	1.3	1.5	1.7	1.8	2.0	2.2
Manufacturing .....	1.3	1.3	1.3	1.3	1.3	1.3
Construction .....	0.6	0.8	0.9	1.1	1.2	1.4
Transp., com., utilities ....	1.9	2.4	2.8	3.1	3.4	3.6
Trade(excl. e&d).....	2.8	3.6	4.5	5.4	6.2	7.1
Eating & drinking.....	1.9	2.4	2.9	3.4	4.0	4.6
Banking, finance.....	0.9	1.1	1.3	1.5	1.8	1.8
Services.....	4.7	6.7	8.0	9.4	10.7	12.2
Hotels .....	2.5	3.4	4.0	4.5	5.0	5.6
Other services .....	2.3	3.2	4.0	4.9	5.7	6.6
Government.....	2.8	3.5	4.0	4.5	5.0	5.4
State/local .....	2.5	3.3	3.8	4.3	4.8	5.2
Federal.....	0.3	0.2	0.2	0.2	0.2	0.2
Self-employed.....	1.9	2.2	2.4	2.6	2.7	2.9
Personal income (millions of 1982 dollars) .....	460	630	790	945	1,094	1,277
Per capita income (thousands of 1982 dollars).....	10.1	11.6	12.9	13.3	14.5	15.1

Source: Population and Economic Projections for  
the State of Hawaii to 2010 (Series M-  
K), Research and Economic Analysis  
Division, Department of Business and  
Economic Development, State of Hawaii,  
November 1988



3. Employment and Income

The 1988 population count for Kauai reflected a growth rate for the island that was twice that for the State's population. Its nine percent increase in jobs during that same year was the greatest job increase experienced by any of the islands statewide. The job count on Kauai grew another five percent to 25,500 positions through the third quarter of the following year (1989). With the civilian work force growing by only three percent during this same period of time, the island's unemployment rate then fell to 3.3 percent.

In terms of 1982 dollars, the personal income on Kauai in 1988 was around \$545 million. This personal income amount is expected to increase another 134%, more or less, for the year 2010 resulting in a total dollar amount then in the neighborhood of \$1,277 million.

The per capita income in 1982 dollars was around \$11,000 for 1988 and is projected to increase to approximately \$15,100 for the year 2010.

Source: Building Industry Update, Kauai Issue, February 1990, and the Population and Economic Projections For the State of Hawaii, November 1988 by the Research and Economic Analysis Division, Department of Business and Economic Development, State of Hawaii

4. Public Services

Major public facilities located within the site selection areas are discussed below:

a. Recreation

While there are parks in the Lihue area where residents and visitors may pursue varied recreational activities, other opportunities for outdoor sports are abundant on Kauai. Golfing, tennis, and horseback riding are popular. Along with swimming, water sports also include surfing, outrigger canoeing, water skiing, windsurfing, and sailing. Residents and visitors may also arrange deep sea fishing charters, and kayaking.

The County Public Library, other indoor events held at the Kauai Memorial Auditorium, and outdoor events held at the Lihue Sports Stadium offer alternatives to outdoor recreation activities.

b. Schools

Educational facilities in the Lihue area include Kauai High School and Wilcox Elementary School. The Kauai Community College is located southwest of Lihue in the nearby town of Puhi.

c. Police Protection

The proposed judiciary facility will be served by the main police station located directly across the present courthouse building in downtown Lihue on Umi Street. Uniformed officers working three shifts daily are assigned to patrol Lihue and the surrounding areas.

d. Fire Protection

Fire protection for the proposed judiciary facility will be provided by the Lihue Fire Station located on Rice Street.

e. Health Care Facilities

Kauai has three hospitals: Wilcox Memorial, Kauai Veterans Memorial, and Samuel Mahelona Hospital. Together, they provide 117 acute care beds. The County also has 164 beds in long-term or specialty care facilities. Wilcox Memorial Hospital is a short distance from downtown Lihue.

There were 82 doctors, 25 dentists, 273 nurses and 19 pharmacists licensed and living on Kauai as of November 1986.

Health services available also include those of chiropractors, osteopaths, optometrists, veterinarians and others.

f. Transportation

Ground Transportation

Facilities for ground transportation in the expanding Lihue area include a State highway system, and smaller collector and local roadways. Ahukini Road, Kapule Highway, and Nawiliwili Road are roads on which the candidate sites will be fronting for access. These roads all belong to the State highway system. All other roads in the neighboring areas are collector and local roads owned by the County of Kauai. Collectively, there are about 389 miles of State and County owned roads on Kauai. There is a fairly new, limited, public bus transportation system on the island.

Ocean Transportation

Nawiliwili Harbor is one of two State commercial deep water ports on Kauai that provides overseas freight service as well as inter island barge service. Container freight facilities are also located at Nawiliwili Harbor.

Air Transportation

Lihue Airport is one of two airports on Kauai accommodating scheduled commercial airline flights (the second being a smaller commuter type airport is at Princeville). Inter island carriers such as Aloha Airlines and Hawaiian Airlines fly into and out of Lihue Airport and provide the island with frequent flights each day from Honolulu and other island airports. Air taxi, charter planes, and helicopters are also available for passenger and cargo flights.

**D. Infrastructure:**

**1. Water System**

The Lihue area is served by the Kauai County Department of Water Supply. They've indicated the source is adequate and the transmission and distribution lines are available for serving the proposed judiciary complex at any one of the seven candidate sites.

Sites A1, A2 and A3 can all be served off of the existing 12 inch water main in Ahukini Road. Site B can be served off of the same existing 12 inch water main in Kapule Highway that presently services the airport complex, Site B1 can also be served off of this same water main, and Site C can be served off of the existing 12 inch water main in Nawiliwili Road. Service to the new facility will basically include a line tap to the existing main and the installation of a new water line from the existing main to the new facility. Five of the seven candidate sites will need a new water main from the line tap to the property boundary and then the balance of line on the site to the new facility. The sixth site, Site B1, will also need an additional 400 to 500 feet of water main as the alignment will need to cross the proposed Veteran of Foreign Wars parcel. Besides the longer length, Site B1's new waterline will also need an easement over and across the Veteran of Foreign Wars parcel. The water to the new facility will be metered to measure the flows used by the new facility. The new water service will be for domestic consumption as well as for fire flows. The seventh site, Site C2, will have a water line brought to the nearest subdivision lot line by Grove Farm Land Corporation and from there, the project will need to extend the water main along a portion of the new lot frontage before being metered for service for the project.

**2. Sewer System**

Lihue is served by a municipal sewage treatment plant. However, not all of the candidate sites can connect to the existing sewer system in the Lihue area. There are no sewer lines in either Ahukini or Nawiliwili Roads.

Sewers for Sites A1, A2, and A3 will be either a small sewage treatment facility or, depth permitting, a new offsite sewer main to connect the new judiciary facility to the existing sewers in the residential areas west-southwest of the candidate sites. The new offsite sewers will include the installation of new sewer pipes and manholes along Ahukini Road and in one of the side streets that connect with Ahukini Road. The offsite sewer work may possibly also include upgrading a portion of the existing sewers because the connection point will be at the end of the existing system that presently serves the residential areas. If the existing sewers are not deep enough to accommodate the new connection, and should either Sites A1, A2, or A3 become a serious contender for the judiciary site, it will be necessary to discuss with Amfac/JMB the possibility of them oversizing and deepening the new sewer lines for the proposed residential subdivision they are currently in the process of developing on the southeast side of Ahukini Road, almost directly across from Site A1. Site A2 will be the more difficult of the three (A1, A2, A3) sites to serve due to it being further away from any of the existing sewers and also being at possibly lower elevations. Pumps may be needed to lift and push the sewage from Site A2 to either the existing sewers or to the sewers for the proposed residential subdivision.

Site B fronts on Kapule Highway. It is one of two candidate sites that has ready access to an already existing sewer main. There is an existing 21 inch sewer line in Kapule Highway. It is located across the highway from the site and presently serves the new airport facility. Connecting to this 21 inch sewer main will require constructing a new sewer line along with the necessary manholes across Kapule Highway. Site B1 can also access this same 21 inch sewer line but, it will need to do so across the proposed Veteran of Foreign Wars parcel. This will require an additional 500 feet of new sewer line, more or less, and two more sewer manholes. Amfac/JMB, the present land owner for both Site B-1 and the future Veteran of Foreign Wars parcel, has indicated they will require the reservation of an easement for future infrastructure installations in the conveyance documents of the Veteran of Foreign Wars site to service the abutting or nearby lots which include that of Site B-1. Such an arrangement eliminates the need for easement acquisition by the judiciary complex. A combined utility easement over and across the Veteran of Foreign Wars parcel may possibly be 15 feet wide in lieu of the 10 feet width that is used for most utility easements. More so if drainage is to be effected along this same easement corridor. The additional width will also facilitate access for utility vehicles for maintenance and servicing for any of the utilities that may lie within the easement area.

Sites C and C2 do not have access to any County owned and/or maintained sewer mains. The County also does not have a sewer treatment system on that side of Lihue. The Kukui Grove Shopping Center next to the candidate sites is presently served by a private sewage treatment plant. Grove Farm indicates in their comments on the DEIS that "the existing Grove Farm sewer plant has adequate capacity to serve not only Kukui Grove Village West but considerable more area as well". Furthermore, they are in the process of constructing a new sewage treatment plant which they say will "greatly increase our treatment capacity, certainly sufficient to handle the proposed Judiciary Complex". Grove Farm presently has plans to expand the shopping center into Site C. They however, have offered to bring a new sewer main to the new lot line for Site C2 should it be chosen as the site for the proposed Judiciary Complex. The project however, still needs to extend this sewer main along the new lot frontage to some point where it will then turn to enter the site to serve the project. The new sewer line for Site C2 could be available at some period two years hence. Sewer charges for this new sewer main connection will be at rates regulated by the State Public Utilities Commission.

The quantity of sewage that could be generated from the new Judiciary Complex is around 75,000 gallons per day. The basis for this flow amount is the sewer design criteria for a community business where a total population of 910 people based on 140 capita per acre and 6.5 acres is adopted. The average sewage flow rate used in the calculations is 80 gallons per capita per day. Some of this flow is already entering the County's sewer because the existing Lihue Courthouse complex is presently connected to the existing County sewer main. Once the judiciary moves to the selected site, the sewage flows from the judiciary activities at the present courthouse location will cease.

Kauai County is presently working on the expansion of their Lihue Wastewater Treatment Plant. The State Health Department recently commented the construction for the expansion is tentatively scheduled to begin sometime in early 1992 and, notwithstanding problems with construction and weather, is targeted to finish by late 1994. The County indicated however, their ability to serve the proposed Judiciary Complex may be somewhat limited since much of the capacity of the upgraded plant after expansion will be earmarked for affordable housing projects. The County further indicated the Judiciary Complex may be required to pay sewer contributions for the plant expansion.

3. Gas System

Gasco, Inc., a subsidiary of Pacific Resources, Inc. provides pipeline utility service for gas to certain areas of Kauai while tank and bottled propane gas are available for those other areas of the island without the pipeline service.

4. Electric and Telephone Systems

Electric power is provided by Kauai Electric Company through various transmission and distribution lines and transformers in the Lihue area.

Telephone service in the Lihue area, like the rest of the State, is provided by the Hawaiian Telephone Company.

5. Drainage System

The existing storm drainage systems in the Lihue area are basically a network of several drainage pipes and culverts. Most of the storm runoff is collected by these drain systems, conveyed, and ultimately discharged to existing gullies, gulches, and/or irrigation ditches. The runoff left standing on the ground after the rains either evaporate or, where porous overlying soils are encountered, percolate into the ground.

Sites A2, B, and B1 currently drain towards the Westin Kauai Hotel. Depending upon the ability of the Westin Kauai's culvert system to convey increased runoff from the development, mitigative measures to prevent overflows at the Westin Kauai may be required for these sites.

According to Grove Farm, a drainage system is in place for Site C and, Site C2 will be drained by an approved drain system based on the Grove Farm overall drainage master plan for the area. Grove Farm has committed to have a drain system available for Site C2 at some period in the next two years.

The Judiciary Complex plans to maintain the existing drainage pattern at the selected site and, to use drywells to take care of the increase of runoff quantity caused by new roof and pavement surfaces. The specifics of the drainage work will need to be determined during the design phase which follows the selection of the candidate site. At that time, the drainage design and plans would be in a better position to provide the necessary mitigative measures if needed.

**IV. IDENTIFICATION OF JUDICIARY COMPLEX SITES**

#### **IV. IDENTIFICATION OF JUDICIARY COMPLEX SITES**

##### **A. Site Selection Methodology**

The methodology employed to identify and evaluate candidate sites for the proposed Judiciary Complex for the Fifth Circuit on Kauai recognizes several important factors.

First, the three satellite courtroom facilities (the Hanalei, Koloa, and Waimea District Courthouses) on the island are appropriately located geographically and, based on their volume of usage, will continue to be useful for many more years.

Second, the main courthouse in Lihue is already too small and overburdened and should be replaced by a larger courthouse in the same general location as the existing facility.

Third, this same courthouse facility in Lihue does not have extra space that can be made available for additional new courtroom or court support areas. It presently lacks a sally port and holding cells for detainees and floods in the basement areas during rains.

Four, the availability of agricultural lands just outside of Lihue town lends to the viability of moving the existing facility.

The site selection process starts with the determination of available cane lands that could be used by the proposed Judiciary Complex and still have the facility located within a reasonable traveling distance from other key State and County offices and other businesses and transportation activities. The areas surrounding Lihue town was screened for "potential" sites and a set of minimum criteria was then established to reduce the field of choice. The advantages and disadvantages to be encountered at each of the candidate sites along with the related costs for building and land acquisition at each of the sites are then evaluated to provide the basis for comparing each of the sites.

Urbanized lands within the town itself was considered but, because the costs for developed land is so much greater, and because no sizable parcels in Lihue could be readily found that will also accommodate the expansion of the complex in the future years, the use of former, or soon to be former, sugar cane lands is being pursued. The present zoning for these lands are either Agricultural or General Commercial. For the agricultural zoned areas, the Judiciary Complex is still permitted under the present Kauai County Zoning Ordinance by pursuing and obtaining a use permit for a Special Treatment District (ST-P) for public and quasi public facilities.

##### **B. Step 1 - Determine Available Agricultural Lands Surrounding Lihue Town**

A review of the agricultural lands surrounding Lihue shows there is a considerable amount of acreage available that could be used by the proposed Judiciary Complex. Some of these areas have already had their General Plan designation changed from agricultural to urban-mixed use and have been included in master planning activities by others for nonagricultural uses in the forthcoming years. It is these areas that have had their General Plan designation changed and, in the case of the Grove Farm properties, some of its State Land Use boundaries changed that would be desirable for the new Judiciary Complex.

The ownership of the cane lands surrounding Lihue is either by Amfac/JMB or Grove Farm Properties with Lihue Plantation being the major lessee and user of the lands for agricultural purposes.

Figure 9 shows the site selection area along with the candidate sites.

**C. Step 2 - Setting the Site Selection Area**

While it would be ideal to have the new Judiciary Complex built either as an addition to the existing courthouse building in Lihue, or even on the same site as the existing facility, the lack of physical space as mentioned previously will preclude that from happening. Also, the need for the new facility to be close to the existing courthouse is not an important primary consideration. Instead, the new facility must meet future needs using the year 2010 as a guide, have access to additional land in the future should the need for further expansion arise, provide for adequate space for work areas, have enough courtrooms to handle the ever increasing case loads, have adequate facilities to handle the detainees, have adequate facilities for processing the public's needs, and also have adequate parking for both the staff and the public.

In determining the site selection area, the availability of land for the new complex is a primary consideration with the potential for expansion in the future years should the need arise being the next consideration. Besides land area, access to other government offices as well as major businesses and transportation activities must also be considered.

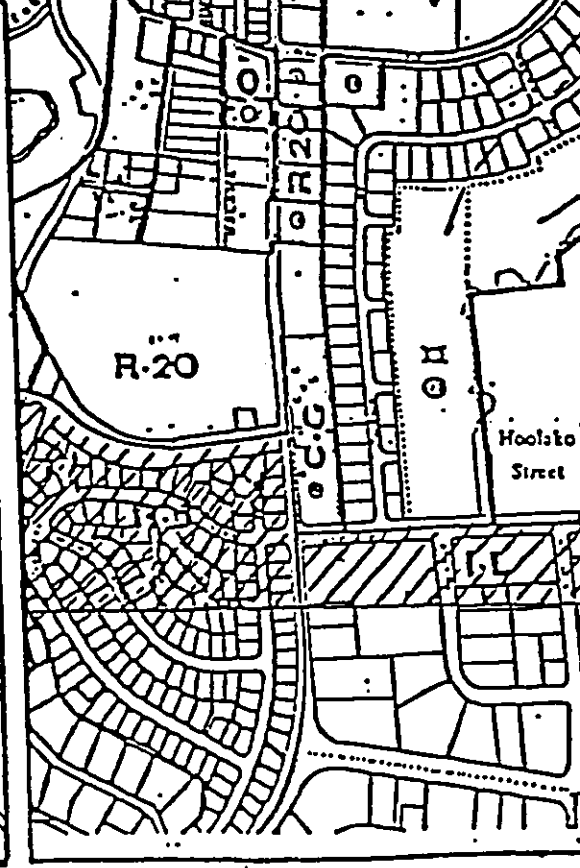
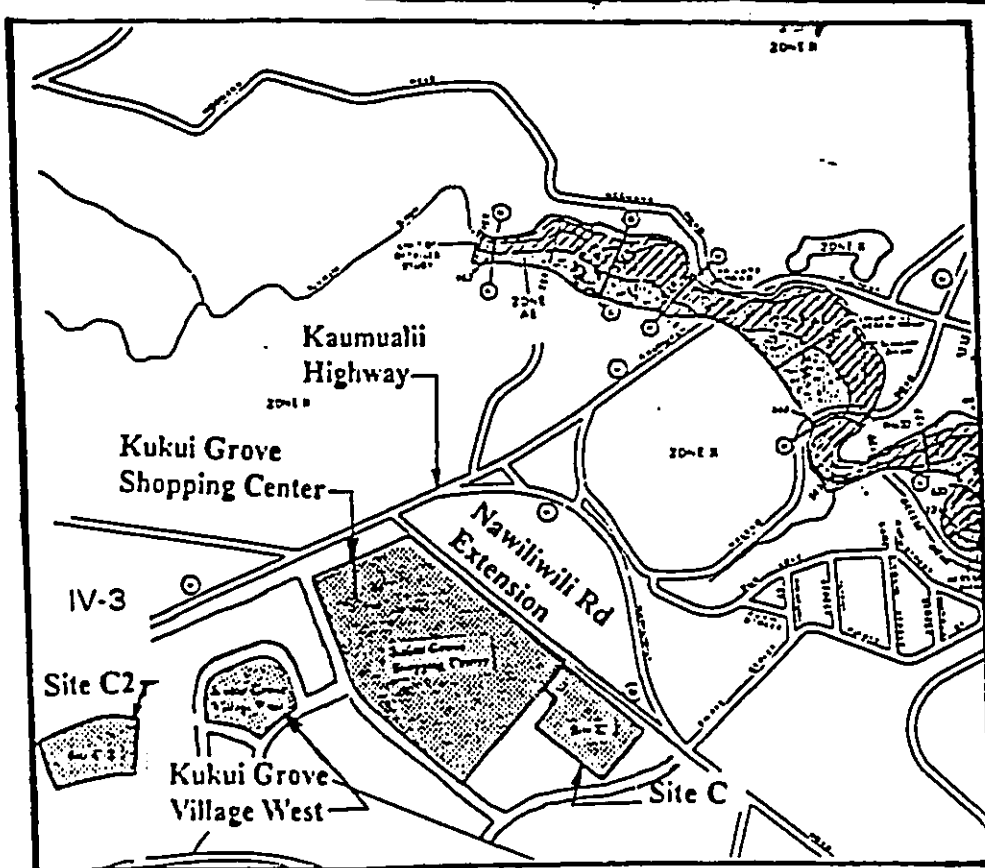
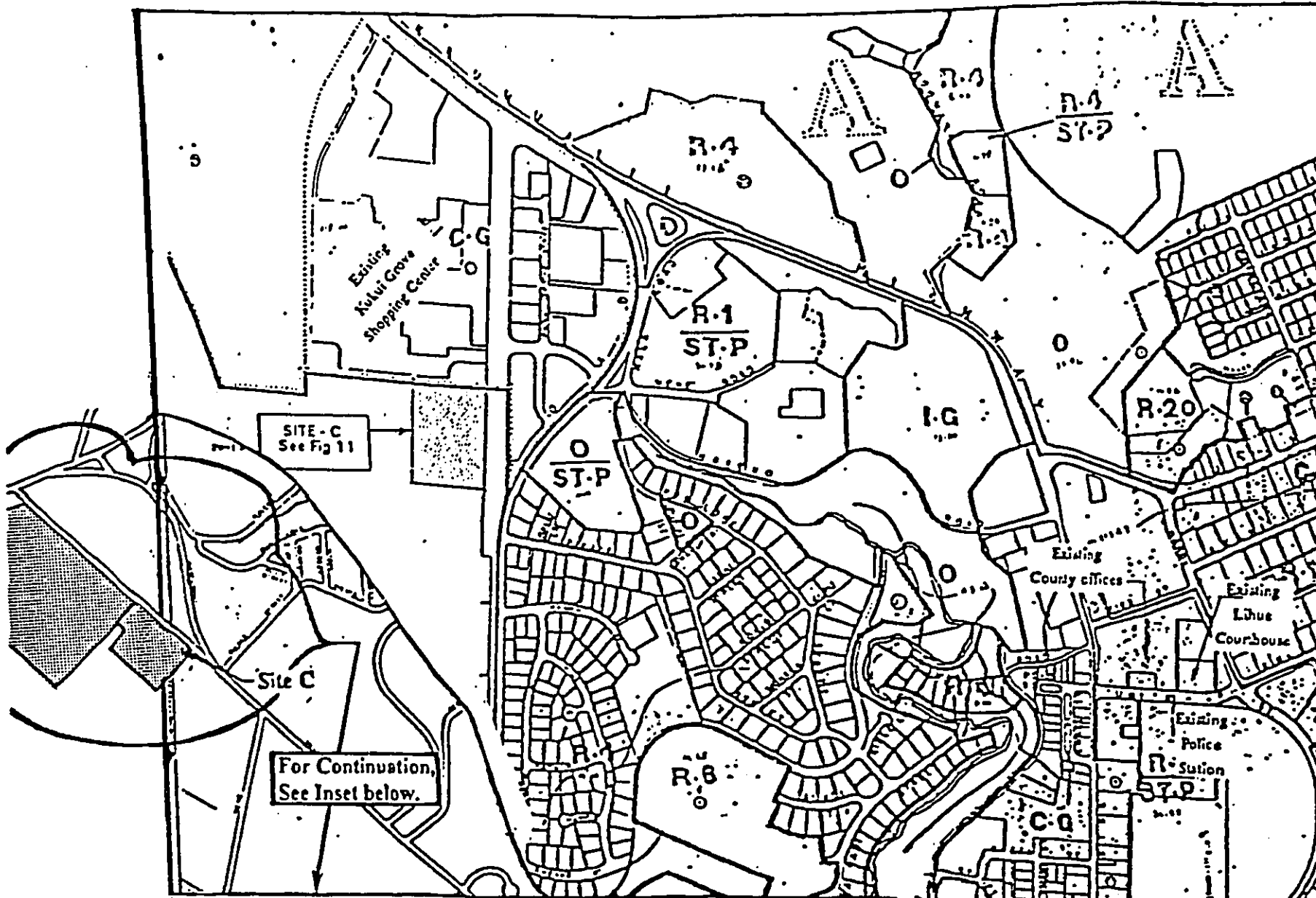
For this study, seven sites were considered. Two are across each other fronting Ahukini Road and they are designated as Site A1 and A2 respectively. The third site, A3, also fronts Ahukini Road but is about nine hundred feet further west towards the Kuhio Highway intersection. The other four sites are Site B, Site B1, Site C, and Site C2. The characteristics for Sites A1, A2 and A3 are considered just about similar and, in many instances perhaps identical because of their close proximity to each other. The same rationale can be applied somewhat to Sites B and B1 except Site B1 will need (1) additional lengths of utility lines because the utilities will need to be brought over and across the proposed Veteran of Foreign Wars parcel and (2) a connecting road to the existing Hoolako Street. Sites C and C2 are located away from Lihue town itself. Site C is part of a parcel that has been set aside for the expansion of the existing Kukui Grove Shopping Center complex. It, like Site C2, is presently being leased to the Lihue Plantation to grow sugarcane.

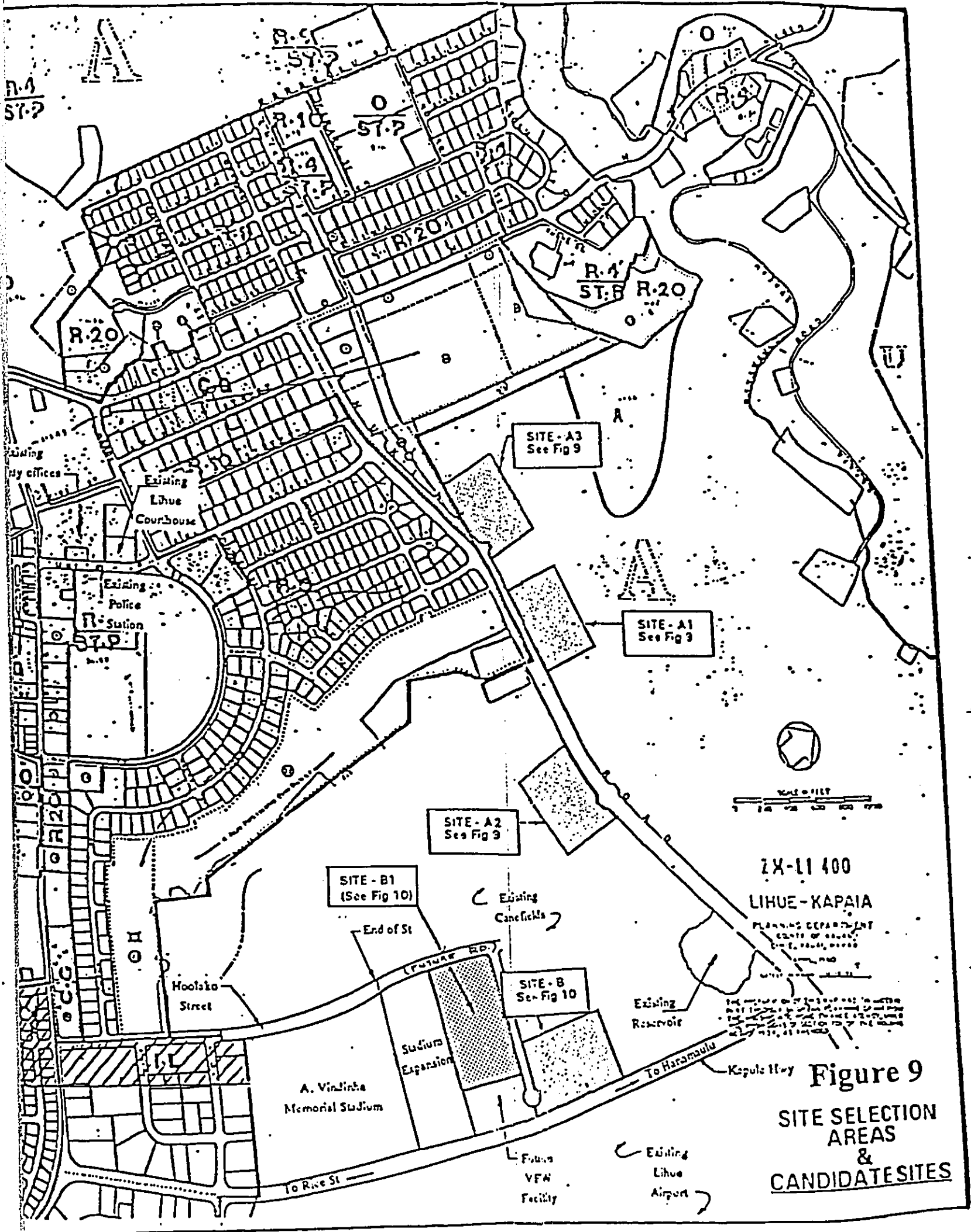
**D. Step 3 - Application of Minimum Criteria to Qualify Candidate Sites**

The minimum criteria used reflect general site design requirements and physical land development constraints. These were used to qualify each potential site within the broad Site Selection Area for further evaluation as candidate sites. The minimum criteria are,

1. Size - Based on projected space requirements, a minimum lot size of 6.5 acres was established for the proposed Judiciary Complex. This area should also provide for off street parking and some options for future expansion. See Appendix C for the land area computations.







**Figure 9**  
**SITE SELECTION**  
**AREAS**  
**&**  
**CANDIDATE SITES**

2. Slope Hazard - A fairly flat site is desirable to minimize the cost for clearing and grading. The site should not have a slope greater than ten percent. The site must not be located within a known or potential landslide area.
3. Tsunami and Flood Inundation - The site should not be traversed by a major drainage channel or be located within a major flood plain or tsunami inundation zone as established by the Federal Emergency Management Agency's Flood Insurance Rate Maps prepared for the Island of Kauai. An exception to the above would be sites that might have a portion of their lands within a potential flood and/or tsunami inundation area. These sites could be acceptable based on their compliance with flood protection requirements.
4. State Land Use District - A State Land Use District designation of Urban for the selected candidate site is desirable to avoid impacts to agricultural and conservation lands. The urban designation would also preclude the need to petition for a land use district boundary amendment. Of the seven candidate sites, six (Sites A1, A2, A3, B, B1, C2) are presently designated agricultural and one (Site C) is designated urban. To assist in expediting the process for those sites designated as agricultural, Kauai County's present Comprehensive Zoning Ordinance will allow public facilities to be built under the Special Treatment District for Public Facilities (ST-P). This special use permit must be processed and obtained from the County's Planning Department. However, a condition to this special permit approval is, the State must pursue and acquire a State Land Use district boundary change for the selected site within six (6) months after applying for the special use (ST-P) permit. The site that is already designated urban does not need to go through the ST-P process. As for Site C2, its redistricting has already been approved in concept when the much larger parcel on which it sits had petitioned the State Land Use Commission for a boundary change in 1989. To implement the boundary change for Site C2 would require an application to be filed and certain conditions be satisfied. Details for the redistricting can be found in the "Order" portion of the "Petition to Amend the Agricultural Land Use District Boundary", attached in back as Exhibit G. Grove Farm Land corporation has offered to pursue and obtain the proper district boundary designation and zoning for the Judiciary should Site C2 be selected.
5. Lot Configuration - The site should be approximately rectangular in shape, without excessive irregularities. The lot configuration should provide for efficient design, access, and operation.
6. County General Plan and County Zoning - The site's conformance to existing County development plans and zoning is desirable but not immediately necessary since the special use (ST-P) permit can be used for the project. However, as discussed in item 4 above, and like the State Land Use change, the County's General Plan change if required, must also be pursued by the State and acquired within six (6) months after applying for the special use (ST-P) permit.
7. Displacement of Existing Tenants - The site should be developable without any major displacement and/or relocation of businesses and/or residences. To minimize disruption to existing land uses, vacant land or existing low intensity land uses would be most desirable for development. The number and condition of structures to be displaced will affect site development and relocation costs.

The loss or relocation of existing uses with community resource value should also be assessed.

The sites under consideration do meet the minimum criteria as described above for candidate sites. Having met the Minimum Criteria to Qualify Candidate Sites, the next step in the process is to evaluate the sites under the Detailed Evaluation Criteria as discussed in the next Chapter.

**E. Description of Candidate Sites**

The sites identified in the site selection process are shown in Figures 10, 11, 12, & 13.

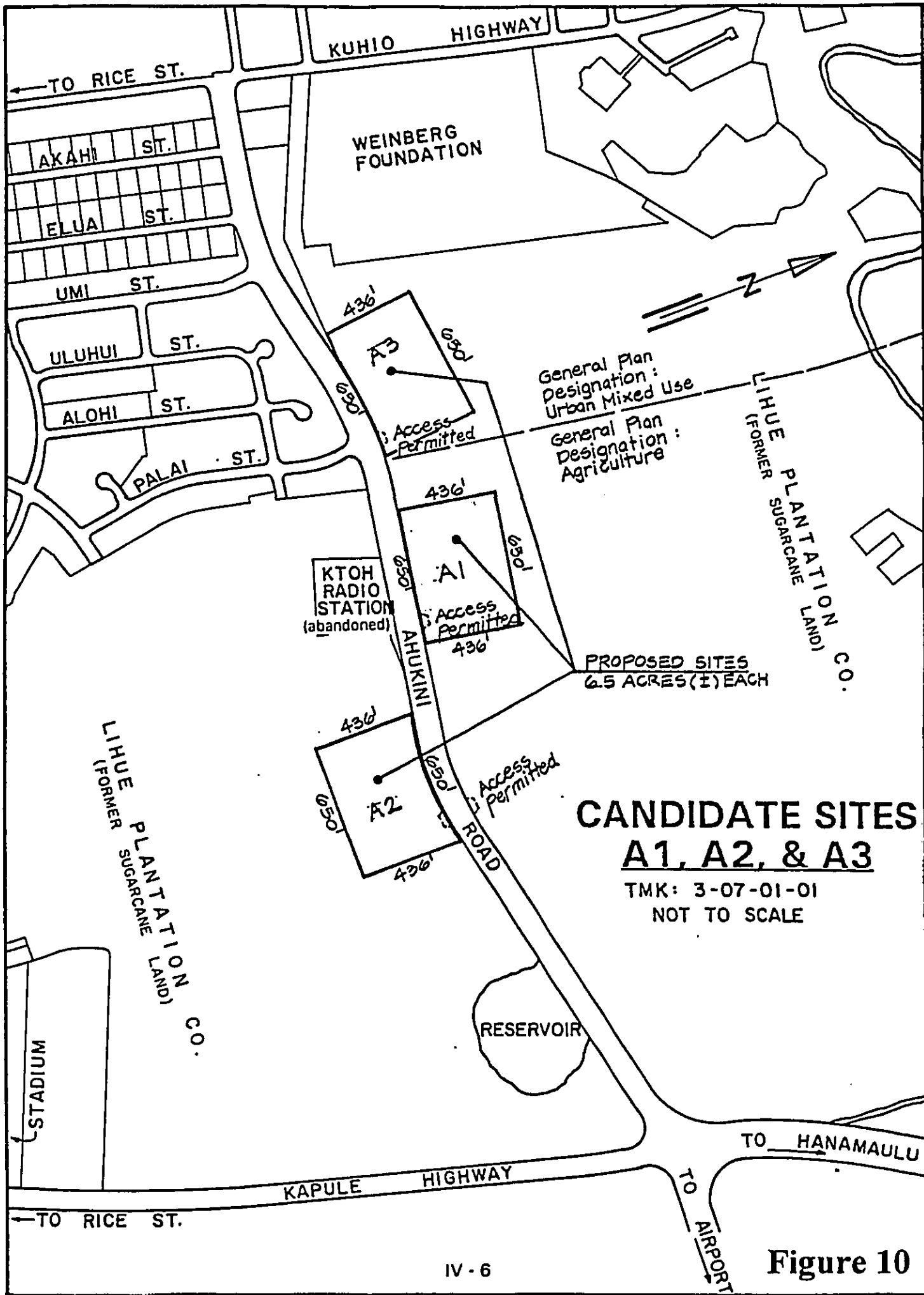
**1. Candidate Sites A1 & A2 - Fronting Ahukini Road**

Each of the two sites has about 6.5 acres. The first site, Site A1, fronts on the north side of Ahukini Road about midway between the Kuhio Highway and Kapule Highway intersections. It is a portion of a larger parcel identified as Tax Map Key: 3-07-01-01 and presently owned by the Lihue Plantation Company. The other site, Site A2, also fronts on Ahukini Road but on the opposite side of the road and midway between the former radio station KTOH building and the existing plantation reservoir. It too is a part of a larger parcel identified as TMK: 3-06-02-01 which is also owned by the Lihue Plantation Company. Access to both sites will be off of Ahukini Road. Both sites are still being cultivated as sugar cane fields but will eventually be removed from sugar production. These sites are parts of areas that are being considered for rezoning in the near future by the owners for uses other than agricultural. Candidate Sites A1 and A2 are both shown on Figure 10.

**2. Candidate Site A3 - Fronting Ahukini Road**

Site A3 is part sugar cane field and part open space. It will encompass about the same area as Sites A1 and A2 but is located about 900 hundred feet further west towards the Kuhio Highway intersection. This location puts the site closer to existing commercial and residential areas but, more importantly, puts it in an area designated on the General Plan as Urban Mixed Use. The nearness of the existing commercial and residential buildings will reduce the feeling of openness that can be experienced by the two former sites, A1 and A2. It will bring the neighbors much closer to the judiciary complex and thereby affect not only their daily life styles but also the building's work activities and operations. The access to Site A3 will also be off of Ahukini Road.

Getting to and from the existing government buildings as well as certain business areas from Site A3 can be readily accomplished since Umi Street is but a short distance away from Site A3. Umi Street will take vehicular as well as pedestrian traffic directly to and from these government buildings and business areas which are a little more than a half mile away from Site A3. The increased traffic flow as a result of the new facility's activities will have some impact on the lifestyles of the homes and businesses along Umi Street in that it will not be as quiet a street as before. Candidate Site A3 is also shown on Figure 10.



3. Candidate Site B - Fronting Kapule Highway

Site B is also a sugar cane field and part of the same large parcel as Site A2. It however, is closer to the existing Lihue Sports Stadium with a 10 acre parcel separating it from the stadium facility. Site B also contains 6.5 acres but fronts off of the northwest side of Kapule Highway across from the new Lihue Airport. Getting from the site to the existing judicial and government facilities as well as businesses would be either via Rice Street by entering Lihue town from the south or by going northeast along Kapule Highway and then turning left on Ahukini Road and continuing west until Umi Street where a left turn is then made to get to the government facilities. The travel would be longer than that for either Sites A1 or A2. Figure 11 shows the location of Candidate Site B.

4. Candidate Site B1 - Behind the proposed Veteran of Foreign Wars parcel

Site B1 is also a sugar cane field and is close to Site B (See Figure 11). It also contains about 6.5 acres but has no direct frontage to any of the existing streets nearby. Its site improvement costs will need to include moneys for extending the existing Hoolako Street. The extension will involve a minimum of about 450 feet of new road to get to the site itself and, perhaps another 450 feet for the new road to continue and also front the site. Additionally, the new sewer and water lines must cross over the proposed Veteran of Foreign Wars (VFW) parcel. The utility costs will need to include funds for longer pipe lengths. The land owner, Amfac/JMB, has indicated it won't be necessary for the judiciary to purchase the utility easement over and across the proposed VFW parcel. Amfac/JMB also owns the land for the proposed VFW parcel and they have indicated in their review comments of the Kauai Judiciary Complex DEIS that they will require the reservation of an easement in the conveyance documents of the Veteran of Foreign Wars site for future infrastructure installations to service the abutting or nearby lots which, includes Site B-1.

Site B-1 will place the new judiciary facility immediately next to the 10 acre Stadium expansion site. Getting from the site to the existing judicial and government facilities as well as businesses would be either via Hoolako Street to Rice Street and then through Lihue town or, by way of Hoolako Street to Halau Street and onto Kapule Highway then north to and left on Ahukini Road to Umi Street where a left turn is then made to get to the government facilities. A comparison of travel distances show it would take about 8,400 feet from Site B as compared to about 10,000 feet from Site B-1 to the existing judiciary building using the Kapule to Ahukini to Umi route and, about 8,400 feet from Site B as compared to about 7,200 feet from Site B-1 to the existing judiciary building using the Hoolako to Rice to Umi Street route.

5. Candidate Site C - Fronting Nawiliwili Road

Site C is south-southeast of the existing Kukui Grove Shopping Center. It is sized for 6.5 acres and is a part of a larger parcel that to be used for the expansion of the shopping center in the future. Much of the existing area is presently under sugar cane growth with some construction activity going on nearby. The land is owned by Grove Farm. Of the seven candidate sites, Site C is perhaps the furthest away from the existing government offices since it is on the western fringe of Lihue town. However, its Land Use designation is urban, its General Plan is Urban-Mixed Use, and its zoning is presently General

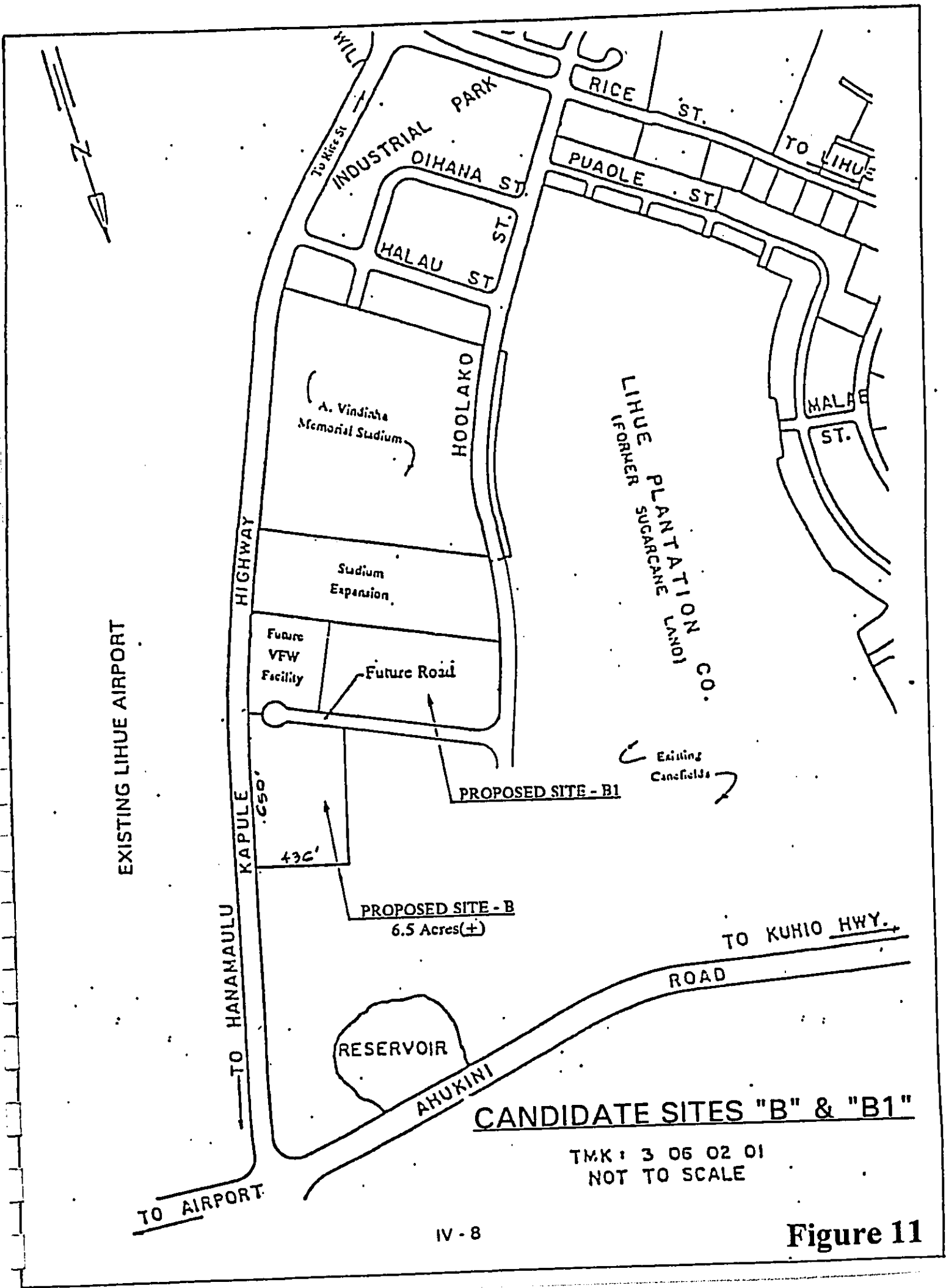


Figure 11

Commercial thereby making the need for general plan and zoning changes and the processing for a use permit unnecessary.

Travel between Site C and the various government and business offices in downtown Lihue would be either by way of Kaunualii Highway which enters Lihue from the north-northwest direction, or Waa Road which is more direct but crosses Nawiliwili Stream and the existing gulch area. A third but longer route is also available by going south-southeast along Nawiliwili Road to Waapa Road in Nawiliwili and then turning left on Waapa Road and following it until it joins Rice Street. Then along Rice Street to Umi Street where the government offices are located. This longer route will also pass by many businesses and commercial areas before arriving at the government offices. Travel between this longer route and the first two alternate routes would differ by about 15 minutes, more or less. Figure 12 shows the location of Candidate Site C.

6. Candidate Site C2 - Approximately 300 feet south of Kaunualii Highway, east of Puhi and west of the existing Grove Farm Village West Subdivision.

Site C2 is immediately west of the fairly new Kukui Grove Village West Subdivision. It is also sized for 6.5 acres and is part of a larger parcel that is presently growing sugar cane. The land is presently owned by Grove Farm Properties and leased to Lihue Plantation for sugarcane cultivation and related purposes. The lease expires in 1994 but Grove Farm Properties has the right to withdraw substantially, all the property from the lease in advance of its expiration. Access to this site will off of an extension to the existing interior road system that Grove Farm Land Corporation expects to complete in about a year hence. The interior road system is part of their Village West Subdivision and connects to Kaunualii Highway. Of the seven candidate sites, Site C2 is located the furthest away from the existing government offices since it is just east of the existing Puhi Residential Subdivision. It will need to obtain redistricting and rezoning which Grove Farm Land Corporation has tentatively planned to occur with the second increment. General Plan designation has already been changed to Urban-Mixed Use and its zoning is presently Agriculture. Figure 13 shows the location of Site C2.

Travel between Site C2 and the various government and business offices in downtown Lihue would be longer but similar to that described for Site C in this report.



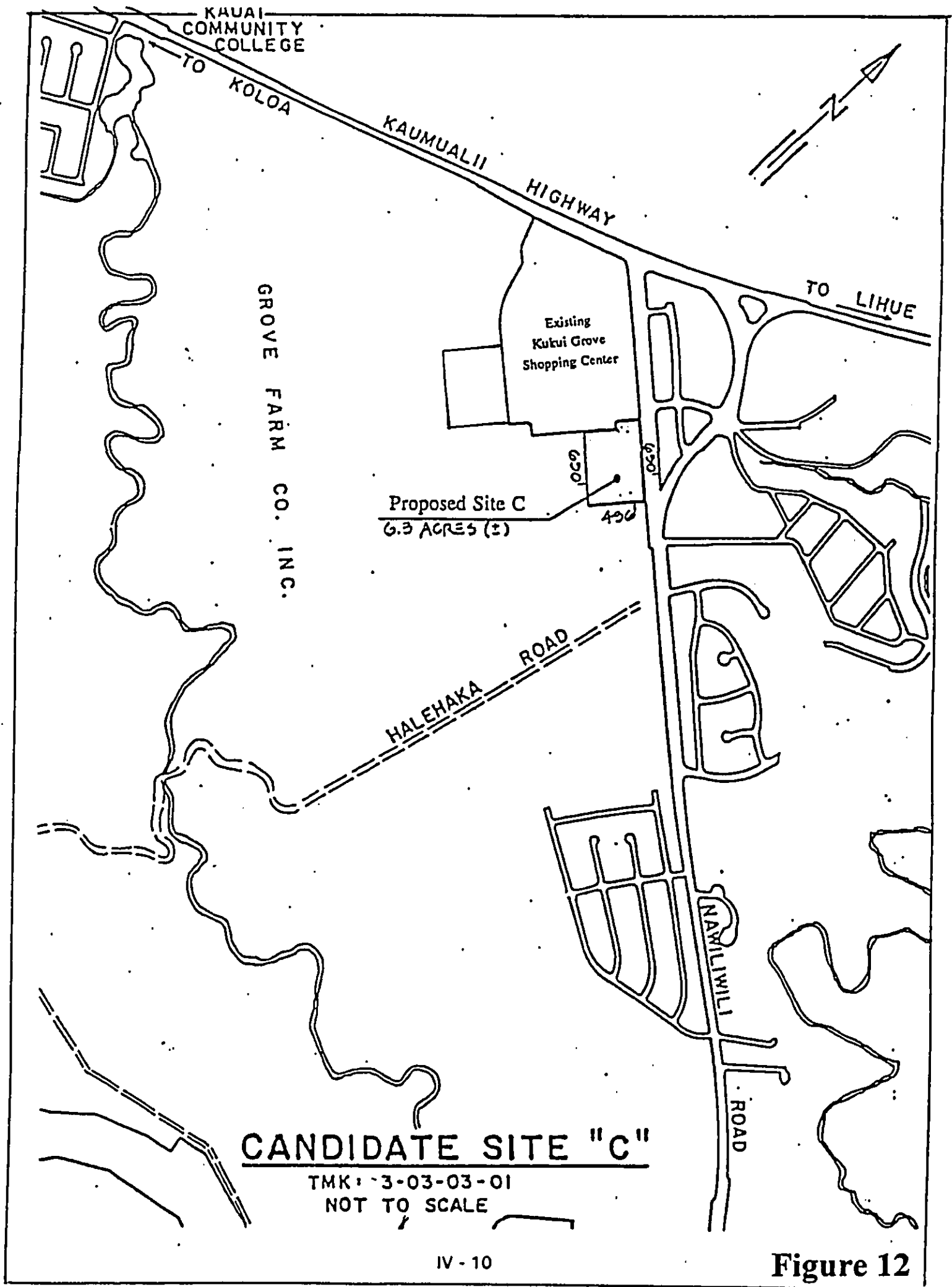
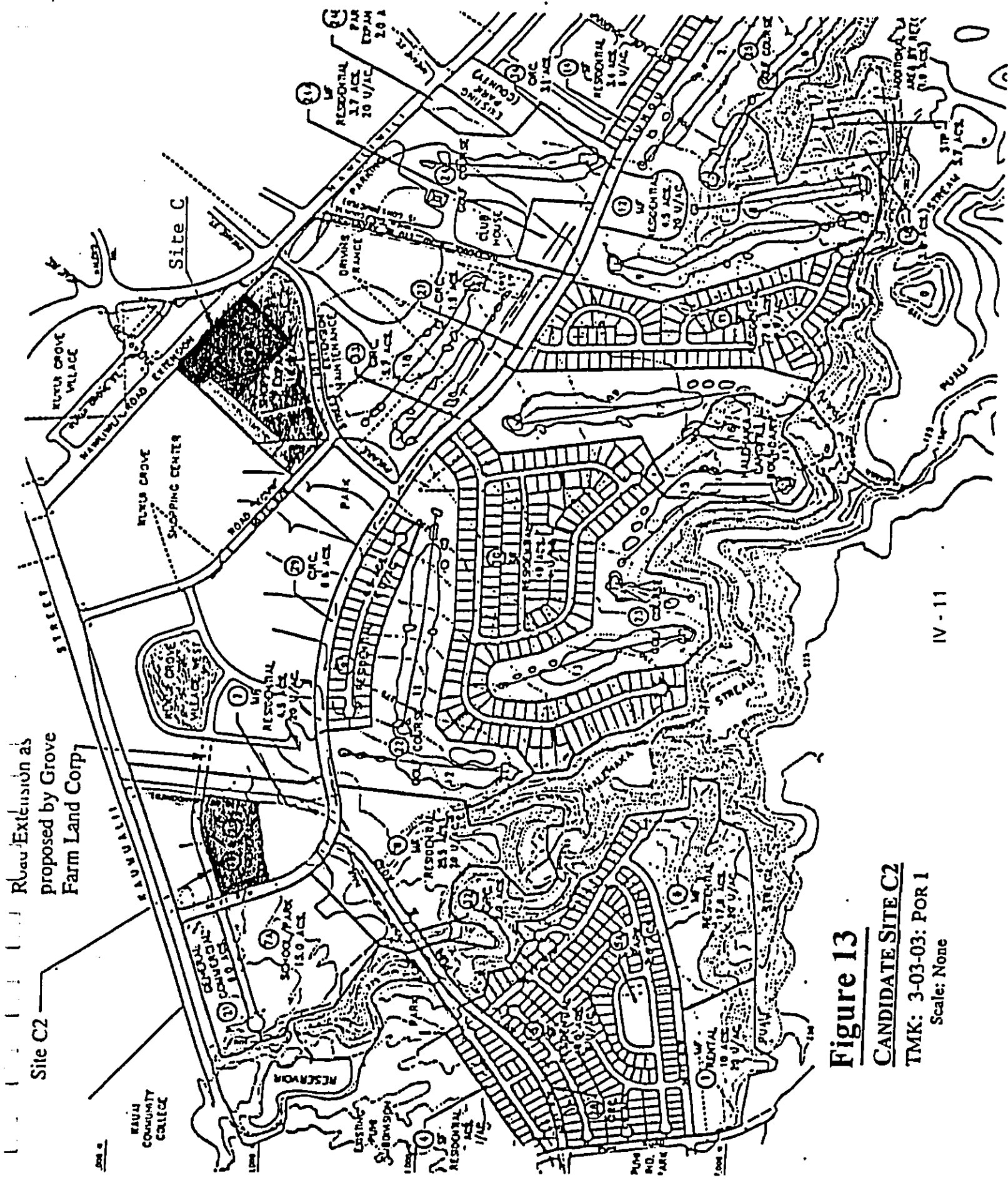


Figure 12



**Figure 13**  
**CANDIDATE SITE C2**  
 TMK: 3-03-03: POR 1  
 Scale: None

## V. EVALUATION OF CANDIDATE SITES

## V. EVALUATION OF CANDIDATE SITES

### A. Step 4 - Apply Evaluation Criteria to Provide Basis for the Comparison of Sites

Having met the criteria in the preceding section, the candidate sites will now be further evaluated under the Building Site Criteria, Community Criteria, and for Cost Considerations.

Building Site Criteria include physical parameters which define the site development and operational constraints and opportunities. Factors consider the environmental characteristics, roadway and utilities, and access.

Community Criteria evaluate development of the site in terms of governmental and land use compatibility and the relationship of the complex to its surrounding community; including tenant relocation, disruption to institutions, land ownership, proximity to population and commercial centers, judicial support activities, and aesthetic values.

Cost Considerations are for site acquisition, demolition of existing buildings and infrastructure if any, and offsite and onsite improvements. These costs represent the amounts the State could spend to facilitate development of the proposed judiciary complex.

A detailed inspection of each candidate site was made in the field to assess the advantages and disadvantages of each site using a rating scale.

Each candidate site was equally rated either "good", "fair", or "poor" with respect to the detailed building and the community criteria. The ratings were then given a numerical value as follows, "good" = 1, "fair" = 1/2, and "poor" = -1. A description of the evaluation results for each candidate site is presented in Appendix D.

To further assess the advantages and disadvantages of each candidate site, cost estimates for land acquisition, offsite and onsite infrastructure work were also prepared for each site and presented in Appendix D. The land acquisition costs were projected based on discussions with an appraiser who is familiar with the use of sugar cane lands for urban use. Off site development costs were estimated for roadway, grading, drainage, and landscaping needs, as well as for bringing the utilities such as sewer and water systems, electrical power and communications services for the new complex to the site. Onsite development costs for providing the infrastructure and grading improvements at each of the sites were also estimated.

The building site and community criteria, and the rating scales used in the evaluation are discussed below.

#### 1. Building Site Criteria

##### a. Environmental Characteristics

The environmental characteristics that were considered for each candidate site are size, slope, shape, industrial and agricultural nuisance, soil stability, soil shrink-swell potential, soil depth, and natural beauty.

1) **Site Size:**

Good - between 6 to 7 acres.

Fair - between 4 to 6 acres.

Poor - less than 4 acres.

2) **Slope:** (based on analyzing the overall slope of the site and taking an average value).

Good - average slope is between 1 and 3 percent.

Fair - average slope is between 4 and 10 percent.

Poor - average slope is greater than 10 percent.

3) **Site Shape:**

Good - site is generally rectangular in shape which results in optimal use of the parcel. The length to width ratio is between 1.5:1 to 2.5:1.

Fair - site is fairly rectangular and has an average length to width ratio of 1.0:1 to 1.4:1 or is nonrectangular in shape and has an average length to width ratio of 1.0:1 to 2.5:1.

Poor - site is highly irregular in shape, hampering full and efficient use of the parcel, and/or has a length to width ratio greater than 2.5:1.

4) **Industrial and Agricultural Nuisances:**

Good - site is free from surrounding noise, odors, smoke, and other nuisances created by industrial or agricultural activities and adjacent highways.

Fair - noise, dust, odors, smoke, and other nuisances from industrial or agricultural activities and highways are at worst periodic but well within the limits of human tolerance.

Poor - above mentioned nuisances cause considerable discomfort and hamper office activities.

5) **General Soil Stability for Foundation:**

Good - undisturbed soil features which influence its capacity to support low buildings include high bearing capacity, high compressibility, high shear strength, and is subject to minimal sliding; or soil that has a depth of less than two feet to bedrock or lava (consolidated material).

Fair - has moderate bearing capacity, moderate compressibility, moderate shear strength, and is subject to moderate sliding; or soil that has a depth of two to five feet to bedrock.

Poor - has a low bearing capacity, low compressibility, low shear strength, and is subject to sliding; or has a depth to bedrock larger than five feet.

6) Soil Shrink-Swell Potential:

Good - has low shrink-swell potential which indicates a low degree of hazard to the maintenance of structures built on or with such soil material.

Fair - has a moderate shrink-swell potential and could require minor foundation work.

Poor - has a high shrink-swell potential. Extensive foundation work may be needed for multi-story structure depending upon depth to bedrock.

7) Soil Depth for Site Work:

Good - site is composed of non-rocky soils with depth greater than 10 feet to bedrock or lava. Deeper soils facilitate installation of utilities, lot grading and road construction.

Fair - site is composed of non-rocky soils having depths of 6ft to 10ft to bedrock or lava.

Poor - site is composed of non-rocky soils having depths of 0ft to 5ft to bedrock, or marshy soils, or lava.

8) Natural Beauty:

Good - site has trees, plants, rock formations, open space, etc. which can remain and be integrated with the proposed building and landscaping.

Fair - site generally lacks beauty but has potential for beautification with a good landscaping design.

Poor - site lacks natural beauty but has potential for beautification at higher than usual costs.

b. Roadways and Utilities

Concerns addressed in this section are adequacy of roads, water service, sewer service, drainage facilities, electrical power and telephone services.

9) **Adequacy of Roadways:**

Good - site has adequate roadways to accommodate the traffic generated by the proposed facility within the short and long term horizon.

Fair - site is served by roadways needing widening or other improvements to meet the interim and ultimate needs of the proposed facility.

Poor - site has no roadways and will require the construction of a new roadway system for the new facility.

10) **Adequacy of Water Service:**

Good - site has adequate water pressure and capacity to meet the proposed complex needs.

Fair - existing water service is insufficient but adequate service is being developed which will meet interim and ultimate needs of the proposed building complex.

Poor - site has inadequate water service and will need the development or extension of a water system to meet the proposed building complex.

11) **Adequacy of Sewer Service:**

Good - site has adequate sewer lines available to meet the needs of the proposed facility.

Fair - site will have adequate sewer service which is being developed to serve the interim and ultimate needs of the proposed facility.

Poor - site has no sewer service and will need the development or extension of existing sewer lines to serve the proposed facility.

12) **Adequacy of Drainage Facilities:**

Good - site has adequate drainage facilities available to meet ultimate building complex needs.

Fair - site will have adequate drainage facilities which are being developed to serve the interim and ultimate needs of the proposed building complex.

Poor - site has no drainage facilities and may need the development of a drainage system to handle the proposed building complex needs.

13) Adequacy of Power and Communications:

Good - site has adequate power and communications available to meet the proposed building complex needs.

Fair - site will have adequate power and communications which are being developed to serve the interim and ultimate needs of the proposed building complex.

Poor - site has insufficient power and/or communications available and will need improvement of these services to serve the proposed building complex needs.

c. Accessibility

Accessibility considerations for each candidate site addresses the adequacy of pedestrian and vehicular access, and the availability of bus service. Findings for each site is given in Appendix D.

14) Pedestrian Access:

Good - site has pedestrian access from three sides to the property.

Fair - site has pedestrian access from two sides.

Poor - site has pedestrian access from only one side.

15) Automobile Access:

Good - site abuts roadways along one short side and one long side to provide ease of access and more efficient traffic circulation.

Fair - site has roadways along one long side or two short sides.

Poor - site has a roadway only along one short side.

16) Bus Service:

Good - site is served by a major bus line which passes the site along an adjacent roadway. This service provides users of the proposed facility transportation options.

Fair - A major bus line passes within a reasonable (0.5 mile) distance of the candidate site.

Poor - No bus service is available.



2. Community Criteria

a. Government

Government criteria refers to the various land use controls that designate the type of use(s) allowed at each candidate site. These land use controls are the: State Land Use District; Kauai General Plan; Kauai Zoning Code and, in some instances, the Special Management Area Process. Government criteria ratings for each of the potential sites are provided in Appendix D. The Kauai General Plan and Zoning Code impose land use controls that affect the sites. None of the sites are located within the Special Management Area and, therefore, no processing for such a permit is needed.

17) State Land Use District Designation:

Good - site is in the Urban District which permits urban related developments without a Boundary amendment process.

Fair - site is within an Agricultural or Conservation District and is adjacent to an Urban District. A petition for a boundary amendment would be required. However, the likelihood for approval is increased when the proposed changes involve contiguous development of urban land.

Poor - site is within the Agricultural or Conservation District and also is not adjacent to an Urban District. Boundary amendments are more difficult to obtain for scattered and non-contiguous urban development.

18) County General Plan:

Good - site is designated for High Density Use such as general and office commercial, multiple residential, or institutional use consistent with County policies for land use in the project area.

Fair - site is designated for Medium Density Use such as residential apartments and village/neighborhood commercial (up to three stories), or for alternate urban expansion and open space use which may be compatible depending upon the extent of development proposed around the project area.

Poor - The site is designated for Low Density residential use or non commercial uses such as hotel, industrial, or agricultural use which are incompatible with public building use.

19) County Zoning Designation:

Good - The site is zoned agricultural, which permits public buildings after obtaining a use permit. No rezoning is required.

Fair - No rezoning will be required but SMA review is needed.

Poor - Rezoning will be required.

b. Community Effects

Community effect considerations under this section include those items arising from the proposed judiciary complex which may disrupt typical neighborhood community settings. These factors are existing use and displacement, interference with institutions, surrounding land uses, land ownership, proximity to commercial center, aesthetic value, and location. Findings of these community effect concerns are presented in Appendix D.

20) Existing Use and Displacement:

Good - site is vacant or requires displacement of abandoned, dilapidated or underutilized existing structures.

Fair - site may be acquired without relocating any combination of less than five dwelling units and business establishments.

Poor - site cannot be acquired without the relocation of any combination of more than five dwelling units and business establishments.

21) Interference with Institutions:

Good - site is greater than 0.5 mile from hospitals, rest homes, schools, and any other institution which may be disturbed by the proposed use.

Fair - site is far enough away (0.25 to 0.5 mile) from any hospital, rest home, school, etc., so that any disturbance to the institution by the activities of the proposed building complex will be minimal.

Poor - site is next to a rest home, hospital, school, or similar type institution which may be disturbed by the activities of the proposed building complex.

22) Surrounding Land Use: In changing the use of the site to a public facility use, there should be a minimal amount of disruption to the existing living pattern within the community.

Good - site is vacant or underutilized and is surrounded by government offices, which minimizes impacts to their existing operations.

Fair - site is occupied and is surrounded by government offices or commercial establishments resulting in some disruption of government services or business activities.

Poor - site is surrounded by non compatible uses such as agricultural, residential, recreation or industrial activities.

23) Land Ownership:

Good - site is entirely owned by the Federal, State, or County government, which minimizes acquisition costs.

Fair - site is entirely owned by less than three private individuals or business entities.

Poor - site is owned by three or more individuals or business entities.

24) Proximity to Major Population Activity and Commercial Centers:

Good - site is within 0.25 mile from commercial and office centers (professional and government offices) which facilitate public access and support judiciary operations.

Fair - site is reasonably close (0.25 to 1.0 mile) to major commercial and office centers.

Poor - site is more than 1.0 mile from government offices and/or from criminal justice-related facilities.

25) Relation to Judicial Support Activities:

Good - site is within walking distance (.25 mile) to the State and County Buildings and/or from criminal-justice related facilities such as the police station, correctional center and government law enforcement agencies.

Fair - site is between .25 and 1.0 mile from government offices and/or criminal justice related facilities.

Poor - site is more than 1.0 mile from government office and/or criminal justice related facilities.

26) Relation to Private Law Offices & Attorneys:

Good - site is within 0.5 mile of about 50 percent or more of the total private law offices and attorneys in Lihue. Inasmuch as private attorneys are the major users of judiciary facilities, the public should also have convenient access to both private attorneys and judiciary facilities.

Fair - site is within 0.5 mile of between 25 to 50 percent of all private attorneys in Lihue.

Poor - site is within 0.5 mile of less than 25 percent of all private attorneys in Lihue.

27) Aesthetic Value:

Good - site is not an aesthetic asset to the community and will not interfere with scenic vistas when developed into a building complex.

Fair - site has some aesthetic value to the community or may partially obstruct scenic vistas when developed into a building complex.

Poor - site is an aesthetic asset to the community or will obstruct scenic vistas when developed into a building complex.

3. Cost Considerations

Cost considerations were evaluated based on site acquisition, demolition of existing structures (if any), and offsite and onsite improvements. These costs approximate the amount the State may spend to develop the proposed judiciary complex.

Site acquisition costs were estimated based on land and improvement values. Offsite improvement costs include the development of infrastructure and utilities (e.g. sewer, water, drainage, roads, etc.) beyond the boundaries of the site to accommodate the ultimate building needs. Onsite improvement costs are for infrastructure and utilities required within the property of the candidate sites. Demolition costs are normally estimated on a per square foot basis of the existing structure being demolished. There were no existing structures on any of the candidate sites needing demolition work.

- a. Site Acquisition - In determining the acquisition cost for a candidate site, a comparison of market values for similar type lands were made for Kauai and further compared with those on Oahu and Hawaii.

There are no State owned lands in the vicinity of the study area that can be made available for use by the proposed judicial complex. In lieu of State owned lands, agricultural lands that were former sugar cane fields but are now allowed to lie fallow are considered for acquisition for the proposed judicial complex site.

Prime agricultural land on Oahu and Hawaii generally ranges from \$40,000 to \$50,000 per acre on the low side and \$70,000 to \$100,000 per acre on the high side. The difference being the potential for ultimate higher use of the land after rezoning. These amounts translate to \$1.15 per square foot at the low end as compared to around \$2.00 per square foot at the high end. A piece of agricultural land, about 5 acres in size in the Kilauea area on Kauai, could have been bought late last year for between \$60,000 to \$100,000 per acre. This reduces to between \$1.37 to \$2.00 per square foot and does not include the infrastructure and other development costs that would be associated with the development of the land. But, because these lands

are readily sub dividable, and have excellent potential for a higher density and usage, they were able to command such prices in the market place. In contrast, there are other agricultural lands that are remotely located and a considerable distance away from urbanized areas. These lands can generally still be bought for \$5,000 to \$8,000 per acre which translates to about \$0.17 per square foot, more or less. The remoteness and the lack of support infrastructure at these locations are the major reasons for these low land costs.

- b. Easement Acquisition - Of the seven candidate sites, only Site B1 has been determined to need an easement for utility purposes. The sewer and water lines for the site will need to cross the proposed Veteran of Foreign Wars parcel. Amfac/JMB has indicated in their comments for the DEIS review that they will require such an easement be set aside in the conveyance documents of the Kauai Veteran's Center site to service the abutting or nearby lots. Site B-1 happens to be one of the abutting lots. Amfac/JMB's requiring such an easement to be established when they convey the land to the Veteran of Foreign Wars group will eliminate the need for the Kauai Judiciary Complex to set aside moneys for easement acquisition from the Veteran of Foreign Wars group.

The easement would, more than likely, be about 15 feet wide because (1) it will be shared by multiple utilities, (2) drainage may also be effected through this corridor, and (3) the utility agencies may require the easement also be also used as a maintenance and service corridor for their vehicles and workers.

- c. Off-Site Improvements - Lihue is a highly urbanized community with readily available support infrastructure and utilities. Development of the proposed judiciary complex will require connections to these existing infrastructure and utility systems. The costs to do these connections and system extensions are based on projected unit costs that can be anticipated for the work.

- d. On-Site Improvements - On-site improvement costs for the grading, access roads, driveways, parking areas, water mains, drainage and sewer systems, gas, electrical power, and telephone services, and landscaping for each potential site are estimated on a per square foot basis of the site.

Water system improvements include the water facilities charge and the installation of the water and fire meter as well as the service connection at the boundary. The drainage improvements include the use of drywells. Sewer improvements include the installation of mains and laterals and the connection to the existing sewer line. Electrical power and telephone services include the installation of cables and lines. The gas system includes costs for pipelines and the storage tank.

Roadway improvements include costs for road pavement, base material, subgrade preparation, driveways, drop-off and parking areas, curbs and gutters, street signs, and sidewalks where applicable. Landscaping improvements include topsoil, grassing, trees, and the irrigation system.

**B. Summary of Evaluations**

This section summarizes the evaluation results for the building site criteria, the community criteria, and the cost considerations. Evaluation ratings for each of the candidate sites are given in Appendix D. It should be noted that the intent of the Site Selection Study is not to recommend a single preferred site. Rather, the results are intended for use as a basis for discussing the relative advantages and disadvantages associated with each of the sites in order to facilitate selection of a preferred site.

**1. Summary of Building Site Criteria Evaluation**

The results of the building site criteria evaluation are given in Table V-1.

Insofar as the environmental conditions are concerned, all seven sites meet the minimum lot size of 6.5 acres which accommodates long term space requirements for the Judiciary. Since all seven candidate sites are on former, or soon to be former sugar cane lands having acreage much larger than needed, the configuration for the sites were set to depict ideal conditions where no irregularities in the shape were created that would upset the full and efficient use of the parcel. The present County zoning for Sites A1, A2, A3, B, B1, and C2 is agriculture. While this zoning is not a problem for the proposed judiciary complex, as the existing Kauai Zoning Ordinance does allow Special Treatment Districts to coexist in agricultural areas, a use permit from the County for a Special Treatment District (ST-P) for public and quasi public facilities must be processed and gotten.

**TABLE V-1**

**BUILDING SITE CRITERIA EVALUATION SUMMARY**

Criteria Evaluation	Site A1	Site A2	Site A3	Site B	Site B1	Site C	Site C2
<b>Environmental</b>							
Good	4	4	4	4	4	5	4
Fair	4	4	4	3	3	3	4
Poor	0	0	0	1	1	0	0
<b>Roadway &amp; Utilities</b>							
Good	1	1	1	2	0	0	0
Fair	1	1	1	1	0	2	5
Poor	3	3	3	2	5	3	0
<b>Accessibility</b>							
Good	0	0	0	0	0	0	0
Fair	1	1	1	1	0	2	1
Poor	2	2	2	2	3	1	2
<b>Totals</b>							
Good	5	5	5	6	4	5	4
Fair	6	6	6	5	3	7	10
Poor	5	5	5	5	9	4	2

Each site has average slopes ranging between 4% and 10% that rated "fair" and which may require additional sitework. Soil stability conditions for the sites were rated "good" since Table 3 of the Soil Survey for the Islands of Kauai, Oahu, Maui, Molokai, and Lanai, State of Hawaii recognizes the material as having high shear strength for foundations for low buildings. The shrink-swell potential is rated as "fair". It is noted to be moderate and regardless of which site is considered, some foundation work can be expected.

The soil depth for sitework is rated "good" because, based on the estimated properties contained in Table 2 of the Soil Survey for the Island of Kauai, depths of nonrocky soil material greater than 5 ft can be expected at the sites.

Exposure to noise, dust, odor, smoke, and other kinds of nuisances from surrounding industrial and airport activities exist for Sites B and B1 since it is close to an existing industrial area as well as the Lihue Airport. Sites A1, A2, A3 and C are not affected by this exposure. However, all seven sites may possibly be affected by some exposure to noise, dust, odor, and other nuisances resulting from the surrounding agricultural areas since the adjoining lands will more than likely remain as canelands for some time yet. These nuisances though, would be periodic at worst but within human tolerances.

The natural beauty offered by the former cane lands at each of the seven sites is basically an open space setting. There may be some large trees on some of the sites but generally, after being subjected to intense cultivation for many years, not very many trees, plants, and rock formations remain to be preserved. However, while each site may lack these natural beauty characteristics, they all have potential for beautification. The candidate sites have therefore been given a "fair" rating in this category.

Sites A1, A2, A3, and B are rated "good" for water since the mains are readily available to serve them. Site C is rated "fair" because while the main is available, the distance to it is considerable. Site C2 is also rated "fair" since the water main will be made available at the boundary by Grove Farm per commitments contained in the Findings of Facts and Conclusions of Law for the Amendment of the Land Use District Boundary from Agricultural to Urban. Site B1 is rated "poor" because it needs main extension work to get water to it. Five of the seven sites are rated "poor" since they needed substantial offsite main extension work. The sixth site, Site C2, is rated fair because the sewer main will be available at the boundary per the same commitments contained in the Findings of Facts and Conclusions of Law for the Amendment of the Land Use District Boundary from Agricultural to Urban. Only Site B is rated "good" because a sewer main in Kapule Highway is available to serve it. Six of the seven sites are rated "poor" for drainage because there are no underground drain systems to readily serve any of them. Drainage for Site C2 is rated "fair" because a part of the Grove Farm masterplanned drainage system will be available to drain the site per the same commitments contained in the Findings of Facts and Conclusions of Law for the Amendment of the Land Use District Boundary from Agricultural to Urban.

Sites A1, A2, and A3 were given "fair" ratings for the roadway because a lot of the traffic on Ahukini Road was diverted with the construction of the new

Kapule Highway thereby relieving Ahukini Road to the extent where it should be able to handle the new complex. Both Sites A1 and A2 will also require channelization and left and right turn lanes from Ahukini Road. Site A3 will need to be relocated further away from the existing road to accommodate a realignment proposed on the Kauai Highway Masterplan. Sites B and C were rated "poor" because neither site are allowed access off of the existing highway. A separate frontage road would be needed to handle the traffic to and from the new complex. Site B1 was also rated "poor" because of the need to extend the existing Hoolako Street to the site to serve the ultimate needs of the new facility. Site C2 is rated "fair" because it will have access to the new internal road system for the Village West Subdivision. The new road will be extended to the parcel for Site C2 by Grove Farm in the future.

A bus service recently became available in Lihue in October 1989. One of the present bus routes currently passes near to Site C2. Otherwise, the present bus routes do not pass near to any of the six other sites. Site C2 was therefore given a "fair" rating while a "poor" rating was given to the other six sites for bus service. It's possible the bus routes may change in the future and might possibly accommodate all the candidate sites.

Five candidate sites presently front major roads such as Ahukini Road for Sites A1, A2, and A3; Kapule Highway for Site B; and Nawiliwili Road for Site C. Sites A1, A2, and A3 were rated "fair" for ease of vehicular access and efficient circulation because each can be specifically designed to meet this need. Sites B and B1 however, are rated "poor" because they need either a frontage road or an extension of the existing Hoolako Street in addition to the specific onsite design for vehicular access and circulation needs. Pedestrian access for five of the seven sites is limited to the existing roads which abut the site on one side only which gives them a "poor" rating. Pedestrian access for Site B1 is only available after the improvements for extending Hoolako Street is finished. Site C is also rated "poor" because while it is contiguous to the existing Kukui Grove Shopping Complex, it still needs to extend Pikake Street for its access. Site C2 will be connecting to the internal subdivision road system for the Village West Subdivision by way of a new road to be made available in the future by Grove Farm.

## 2. Summary of Community Criteria Evaluation

The results of the community criteria is summarized in Table V-2.

The County's General Plan shows Site A1 to be in an agricultural designated area along the urban fringe of Lihue. This makes the site is not fully compatible for public building usage. Site A1 is therefore rated "fair" for this item. Sites A2, A3, B, B1, C, and C2 however, are designated Urban Mixed Use on the General Plan. Sites A2, A3, B, B1, C, and C2, can readily accommodate the new Judiciary Complex. Hence, they have been rated "good".

Sites A1, A2, A3, B, B1, and C2 are zoned agriculture. The County's Zoning Ordinance will require a use permit for the ST-P designation which allows public and quasi public facilities to be built on agricultural zoned lands. Based on this



need for the use permit, and except for Site C2, the sites were rated "fair". Site C is already zoned General Commercial. Therefore, it is rated "good". While the zoning for Site C2 is agricultural, Grove Farm has offered to pursue and obtain the rezoning needed to do the project. As such, it was rated "good".

TABLE V-2

COMMUNITY CRITERIA EVALUATION SUMMARY

Criteria Evaluation	Site A1	Site A2	Site A3	Site B	Site B1	Site C	Site C2
<b>Government</b>							
Good	0	1	1	1	1	3	2
Fair	3	2	2	2	2	0	1
Poor	0	0	0	0	0	0	0
<b>Community Effects</b>							
Good	5	5	3	4	4	4	4
Fair	4	4	3	3	3	1	2
Poor	0	0	3	2	2	4	3
<b>Totals</b>							
Good	5	6	4	5	5	7	6
Fair	7	6	5	5	5	1	3
Poor	0	0	3	2	2	4	3

Potential effects of developing the judiciary facility at six of the seven sites are not likely to be adverse to the community. With regard to the displacement of existing uses onsite, all seven sites received "good" ratings because the sites are vacant and displacement would involve only abandoned, dilapidated, or underused existing structures, if any. For Site C, where certain historical structures may possibly be encountered, the siting of the new complex can be effected to avoid conflicts with them. These historical structures are noted in the archaeological survey for this report. The community may not be favorable to Site A3 because of its close proximity to an already existing residential and commercial areas and activities. In this regard, Site A3 was rated "poor" for this item.

No interference with institutions such as hospitals, rest homes, schools, or similar institutions is anticipated since the sites are more than 0.5 mile from any of them. The sites all received a "good" rating for this item.

With regards to impacts on surrounding land uses, the proposed judiciary complex will occupy sites located within the existing pattern of living for Lihue e.g. in areas already developed with compatible office and commercial uses. Sites A1 and A2 are given "good" ratings for this item since its proximity to other government offices as well as private attorney offices is only a short

distance away. Traveling between these offices and Sites A1 and A2 should not cause disruptions to either government services or business activities. Site A3 however, got a poor rating because of its closeness to already existing commercial, business, and residential activities. While Site A3 may be close to government services and other business activities, the residents of the nearby homes will be affected by the daily judicial activities. Sites B and B1 got "fair" ratings since their locations are further away from these government and private legal offices. While there may be disruptions caused to the surrounding land uses, the disruptions should not be major. Site C and C2 were rated "poor" because they are furthest away from the government offices and other private legal offices and would need more traveling through business and commercial areas to deal with such offices. The travel between Site C and Site C2 and the offices could result in some disruption of government service or business activities.

In evaluating the effects of land ownership and acquisition, all the sites being considered are privately owned by either Grove Farm or Amfac/JMB. Ideally, a government owned site would be preferred as compared to a privately owned site to minimize acquisition costs. However, there are none to be considered. Instead, the candidate sites are former or soon to be former sugar cane lands. The result is, their acquisition costs should be much lower than other privately owned parcels of land in already urbanized and zoned areas, and having ready access to support infrastructure. Site C would most likely have an acquisition cost much higher than the other five candidate sites since it is zoned for General Commercial while the other sites are zoned Agriculture. Site A3 would have the next highest acquisition cost by virtue of it being directly across from existing Residential zoned areas and practically next to General Commercial zoned areas. Therefore, Sites A1, A2, B, B1, and C2 are rated "fair" for this item and Sites A3 and C have been rated "poor".

The most significant criteria affecting site selection is perhaps the location of the facility to its users and clients. This takes into consideration both the travel time and the convenience of centralized services for the public, as well as the efficiency of conducting operations from the standpoint of the Judiciary. There are presently about 40 private attorneys practicing on Kauai. About 28 of them, representing 70 percent of the privately practicing attorneys on Kauai, have offices in downtown Lihue. The offices for the other twelve attorneys are distributed as follows, 4 in the Kukui Grove Shopping complex, 4 in Kapaa, 2 in Kalaheo, and 2 in Hanalei. Sites A1, A2, A3, have been rated "fair" for being located near to, and also for being readily accessible to the 28 attorney offices, as well as other government facilities, and the business and commercial communities. Sites B, B1, C, and C2 are rated "poor" since they are either some distance away from, or on the fringe of Lihue's main urban core area.

As for other judicial support operations, e.g. the police station, and other government agencies, Sites A1, A2, A3 received "fair" ratings for being near to them while Sites B, B1, C and C2 got "poor" ratings because they are over a mile away from these facilities. All the sites are also several miles away from the island's only correctional center which is outside of Lihue.

All seven sites are not considered aesthetic assets to the community even though they do offer open spaces to some degree. Building on them would not result in a loss of community open space resources nor obstruct scenic vistas. Therefore, each site is rated "good" for the development of the new facility.

3. Summary of Cost Considerations

A review of the land acquisition costs and the development costs for each of the sites reveals differences. See Table V-4 (pages V-17 and V-18).

4. Overall Evaluation Summary

Overall results obtained from the criteria evaluation are summarized in Table V-3 below.

TABLE V-3

SUMMARY EVALUATIONS: RECOMMENDED SITES

G=good(+1) F=fair(+0.5) P=poor(-1)		Site A1	Site A2	Site A3	Site B	Site B1	Site C	Site C2
<b>Building Site Criteria Total</b>								
Environmental	G	5	5	5	6	4	5	4
Roadway & Utilities	F	6	6	6	5	3	7	10
Accessibility	P	5	5	5	5	9	4	2
<b>Community Site Criteria Total</b>								
Governmental	G	5	6	4	5	5	7	6
Community Effects	F	7	6	5	5	5	1	3
	P	0	0	3	2	2	4	3
<b>GRAND TOTALS for Bldg &amp; Community Site Criteria</b>								
	G	10	11	9	11	9	12	10
	F	13	12	11	10	8	8	13
	P	5	5	8	7	11	8	5
<b>NUMERICAL RATING</b>		<b>11.5</b>	<b>12.0</b>	<b>6.5</b>	<b>9.0</b>	<b>2.0</b>	<b>8.0</b>	<b>11.5</b>

Table V-4

NOTE: For information and costs pertaining to Site C2, see continuation of Table V-4, next page (Page V-18).

SUMMARY EVALUATION: COST ESTIMATES		Site	Site	Site	Site	Site	Site	Site
Development Costs		A1	A2	A3	B	B1	B1	C
	Cost (\$) per unit							
Off-Site Development								
8" Sewermain	lf \$120.00	600	1550	275	150	575		\$0.00
		\$72,000.00	\$186,000.00	\$33,000.00	\$18,000.00	\$69,000.00		\$0.00
Sewer Manholes	ea \$3,000.00	3	4	1	1	3		\$0.00
		\$9,000.00	\$12,000.00	\$3,000.00	\$3,000.00	\$9,000.00		\$0.00
8" Watermain	lf \$260.00	60	60	60	100	550		\$13,000.00
		\$15,600.00	\$15,600.00	\$15,600.00	\$26,000.00	\$143,000.00		\$13,000.00
Accel/Decel Lanes	ls \$198,500.00							\$198,500.00
Signalization	ls \$120,000.00							\$120,000.00
Road Extension Improvements	lf \$175.00							\$70,000.00
								\$70,000.00
<b>Total for Offsite</b>		<b>\$415,100.00</b>	<b>\$532,100.00</b>	<b>\$370,100.00</b>	<b>\$365,500.00</b>	<b>\$221,000.00</b>		<b>\$331,500.00</b>
On-Site Development								
General improvements	ac \$104,000.00	6.5	6.5	6.5	6.5	6.5		\$676,000.00
		\$676,000.00	\$676,000.00	\$676,000.00	\$676,000.00	\$676,000.00		\$676,000.00
Parking stalls	ea \$2,100.00	294	294	294	294	294		\$617,400.00
		\$617,400.00	\$617,400.00	\$617,400.00	\$617,400.00	\$617,400.00		\$617,400.00
Loading Stalls	ea \$4,488.00	2	2	2	2	2		\$8,976.00
		\$8,976.00	\$8,976.00	\$8,976.00	\$8,976.00	\$8,976.00		\$8,976.00
<b>Total for Onsite &amp; Bid</b>		<b>\$20,238,470.00</b>	<b>\$20,355,470.00</b>	<b>\$20,193,470.00</b>	<b>\$20,188,870.00</b>	<b>\$20,044,370.00</b>		<b>\$20,154,870.00</b>
Building								
Administrative areas	sf \$123.00	98022	98022	98022	98022	98022		\$12,056,706.00
		\$12,056,706.00	\$12,056,706.00	\$12,056,706.00	\$12,056,706.00	\$12,056,706.00		\$12,056,706.00
Courts, Chambers, etc	sf \$184.00	35132	35132	35132	35132	35132		\$6,464,288.00
		\$6,464,288.00	\$6,464,288.00	\$6,464,288.00	\$6,464,288.00	\$6,464,288.00		\$6,464,288.00
<b>Total for Onsite &amp; Bid</b>		<b>\$19,823,370.00</b>	<b>\$19,823,370.00</b>	<b>\$19,823,370.00</b>	<b>\$19,823,370.00</b>	<b>\$19,823,370.00</b>		<b>\$19,823,370.00</b>
Subtotal								
Contingencies (20%)								
Regional Cost Factor (15%)								
Construction Costs (as of 01/88)								
Escalation @ 5% to bid date								
Estimated bid date: August 1993)								
Site Acquisition Cost (as of 07/90)	ac \$87,500.00							\$87,500.00
								\$87,500.00
<b>TOTAL ESTIMATED COSTS</b>		<b>\$36,411,126.92</b>	<b>\$36,618,334.19</b>	<b>\$36,700,781.81</b>	<b>\$36,323,285.20</b>	<b>\$36,067,375.37</b>		<b>\$36,831,421.13</b>

TABLE V-4 (Continued)

**SUMMARY EVALUATIONS: COST ESTIMATES**

Development Costs	Cost (\$) per unit	Site C2
<b>Offsite Development (based on 150ft extension)</b>		
8" sewermain	\$120/lf	\$18,000.00
Sewer manholes	\$3000ea	\$3,000.00
8" watermain	\$260/lf	\$39,000.00
Accel/decel Lanes		
Signalization	none	\$0.00
Road Extension Improvements	\$175/lf	\$26,250.00
Utility Easement	none	\$0.00
<b>Total for Offsite Development</b>		<b>86,250.00</b>
<b>Onsite Development</b>		
General Improvements		6.5acs
	\$104,000.00/ac	\$676,000.00
Parking Stalls		294
	\$2,100.00/stall	\$617,400.00
Loading Stalls		2
	\$4,488.00/stall	\$8,976.00
Sewage Treatment Facility	none	\$0.00
<b>Building</b>		
Administrative Areas		98,022sf
	\$123.00/sf	\$12,056,706.00
Courts, Chambers, etc		35,132sf
	\$184.00/sf	\$6,464,288.00
<b>Total for Onsite &amp; Building</b>		<b>\$19,823,370.00</b>
<b>Subtotal (Offsite &amp; Onsite)</b>		<b>\$19,909,620.00</b>
<b>Contingencies (20%)</b>		<b>\$3,981,924.00</b>
<b>Regional Cost Factor (15%)</b>		<b>\$3,583,731.60</b>
<b>Construction Cost (as of 01/88)</b>		<b>\$27,475,275.60</b>
<b>Escalation @ 5% to bid date</b> (estimated bid date: August 1993)		<b>\$7,785,119.60</b>
<b>Site Acquisition Cost (as of Feb 92)</b> \$4.00/sf x 6.5 acs		<b>\$1,132,560.00</b>
<b>TOTAL ESTIMATED COST</b>		<b>\$36,392,954.60</b>

**VI. PROBABLE IMPACTS & MITIGATIVE MEASURES**

## **VI. PROBABLE IMPACTS AND MITIGATIVE MEASURES**

### **A. Short Term Site Impacts**

The anticipated short term impacts which may affect the candidate sites, or lands close to the candidate site as a result of the proposed development, are discussed in the following section. Short term impacts are generally those associated with construction activities such as grading, infrastructure installation, construction of structures and landscaping.

The significance of short term impacts for the seven candidate sites will differ based on conditions and characteristics unique to each of the site locations.

The following sections describe generally, the anticipated noise, air quality, water quality, erosion, traffic, archaeological/historical, economic, public health, and safety impacts associated with the construction.

#### **1. Noise**

An increase in noise levels will be experienced during construction. Particularly sensitive would be the existing businesses, shops, and residences close to Sites A3, C, and C2. The impact of noise from Sites A1, A2, B, and B1, should be minimal as they are located either in open areas with no nearby residences or businesses or are already in an area impacted by existing industrial or airport noises.

Sources of noise will be the equipment needed for the construction activities which include the heavy vehicles for excavating and moving spoil material, importing and moving construction materials, and any other power equipment.

To mitigate any adverse impacts, the Contractor shall be responsible for properly maintaining all construction equipment to minimize noise during the construction operations. If noise levels are expected to exceed the allowable levels as specified under Title 11 of the Administrative Rules for the Department of Health, Chapter 43, the Contractor will be required to obtain a noise permit.

All heavy vehicles needed for the construction must comply with Title 11, Administrative Rules, Department of Health, Chapter 42, Vehicular Noise Control for the State of Hawaii.

New construction activities will be limited to normal working hours unless special permission is first obtained from the proper government agencies.

#### **2. Air Quality**

Ambient air quality is expected to be temporarily impacted due to dust generated during the construction activities, especially during the grading operations. In keeping with the State Department of Health regulations, and County of Kauai's ordinances, the Contractor will be required to take necessary measures to minimize airborne pollutants. These mitigative measures will be defined in the approved erosion control plans for the project. Use of such measures, such as water sprinkling, will reduce the potential for adverse air quality impacts during the site work.

3. Water Quality

Construction of the proposed judiciary building complex should not adversely affect the water quality of the area. Appropriate erosion control measures such as the use of interceptor ditches and sediment basins as needed could be implemented during the site work in accordance with State and County of Kauai's erosion control standards to reduce and minimize adverse water quality impacts.

4. Erosion Controls

Sedimentation and erosion potential will increase during the short-term grading and construction phases. General soil characteristics for the area indicate that the erosion hazard is no more than slight and the runoff is slow. Upon selection of a site, soil loss from the project site during and after construction should be determined using the following parameters and conditions,

The areal extent of earthwork on grading will be incremental

The entire area to be graded, with the exception of those areas that will be occupied by the new building and/or parking lots will be seeded

Berms will be used as needed to prevent the flow of any sediment laden water

Sediment basins will be used as needed during the construction work

To assess the susceptibility of the site to erosion, the "Severity Number System" developed by the Hawaii Environmental Simulation Laboratory could be used to measure the erosion hazard potential.

Under this method, a Severity Rating of 50,000 is assumed to be the maximum acceptable environmental impact for grading. Projects with a severity rating exceeding 50,000 must depend on mitigating measures to reduce the rating to an acceptable level.

Besides the erosion control actions as previously mentioned, a variety of other methods can be employed if necessary for use as mitigating measures during construction. These may include diversion swales, interception ditches, dikes, and/or vegetative ground cover that can be integrated as a part of the project's ultimate landscaping plan.

5. Traffic

During construction, trucks, heavy equipment, and other construction related vehicles will use existing roads to bring in and also haul away materials. Local traffic along the construction corridors may occasionally encounter minor delays. Such delays will, however, be of short durations and be primarily limited to periods of vehicle ingress and egress both to and from the project site. The Contractor shall be responsible for providing the necessary traffic controls and precautions to maintain traffic safety on the roads bordering and around the construction site.



6. Archaeological/Historical

A historic preservation review encompassing the general areas around candidate Sites A1, A2, A3, B, B1 and C was performed by the State's Historic Preservation Program. The primary objective was to make a general assessment, in conjunction with the preparation of this EIS document, concerning the presence or absence in the project areas of sites of possible archaeological significance, and to assess the potential impact of the construction activity of such sites, if any.

Findings of the field check show the presence of certain historic residences on Parcel 3-03-03-25, a dilapidated old historic building on Parcel 3-06-02-01, and possible sites in the valleys and gullies of Parcel 3-07-01-01. While the surface reconnaissance did encounter some historical structures, the presence of significant prehistoric sites were determined to be unlikely because almost all of the land was under sugarcane cultivation for many years. The State Historic Preservation Review recommends that if the historic buildings are avoided, and if the valleys and gulches in the third parcel in Hanamaulu are avoided, then the construction of the judiciary building will have no effect on significant historic sites.

A separate historic preservation review encompassing the general area around Site C2 was also performed by the State's Historic Preservation Program. The primary objective was to make a general assessment concerning the presence or absence in the project area of sites of possible archaeological significance and, to assess the potential impact if any, of the construction activity on the site.

A copy of the report by the State Historic Preservation office is presented in Appendix F for Sites A1, A2, A3, B, B1, and C. Also attached as a part of the same exhibit is a copy of the letter report for Site C2.

7. Flora and Fauna

There are no known rare or endangered species of flora or fauna in or around any of the candidate sites.

8. Economic

The short term economic impacts resulting from construction include the provision of jobs to local construction personnel. Local material suppliers and retail businesses will also benefit through a multiplier effect from the increased construction activities.

9. Public Health and Safety

Necessary measures to assure public health and safety will be provided throughout all phases of the construction. Furthermore, the construction areas will be secured by adequate safety signs, barricades, and other safety devices as required by State and County regulations during non-working hours such as nights, weekends, and holidays.

**B. Long Term Impacts**

**1. Flora**

No rare or endangered species of flora are known to exist at any of the candidate sites based on land alteration by cultivation activities over the last few decades. Any loss of vegetation due to necessary clearing and grubbing will be effectively mitigated by new landscaping for the new judiciary facility.

**2. Fauna**

No rare or endangered species of fauna are known to inhabit any of the candidate sites. Impact to the existing fauna is expected to be minimal. Displacement of mammals such as mice, rats, and mongoose is not viewed as an adverse impact. The new landscaping for the proposed judiciary building should provide an adequate nesting and feeding environment for the birds that are already common to the area.

**3. Air Quality**

There are no large stationary emission sources of air pollutants near any of the candidate sites. Existing mobile sources of emissions of air pollutants include low level vehicular traffic along the highways close to all the candidate sites and periodic air traffic across from Sites B and B1.

Increased air pollution emissions from added vehicular traffic generated by the new facility will occur in the vicinity of the selected site. It is not expected that these impacts will be significant and lasting because of the active trade winds in the immediate area. The air pollution emissions from the air traffic across from Sites B and B1 remain same whether the new facility is built or not because the air traffic schedules are not affected by the new facility. Therefore, the long term impact on air quality as a result of the new facility at Sites B and B1 remains unchanged by the new facility.

**4. Water Quality**

Potential sources of water pollution generally involve sewage disposal and natural surface runoff. Both the sewage and surface runoff impacts as associated with the development of the new judicial facility will be accommodated through new infrastructure improvements that will be built with the facility.

All the candidate sites are located away from coastal and surface water sources. Additionally, the sites are not expected to impact on underground drinking water sources.

5. **Visual and Aesthetic**

All of the candidate sites, being former, or soon to be former, cane lands, would offer various partial far away views of mountains, ocean, the airport, etc. Some of these views may be considered picturesque but not dominating. Besides the far away views, the sites themselves offer close-up open space views of adjoining fields and views of nearby residential, business, and/or industrial areas.

The long term impact of the new facility on visual and aesthetic is expected to be minimal because its height is only three stories high and the design of the new building, along with its new landscaping, can be made to provide visual interest which will blend with and enhance the aesthetic aspects of the selected site. Furthermore, the project will conform to Kauai County's conditions for zoning, bulk, scale, and land use criteria in order to achieve a visual integration with the surrounding community and open space character.

6. **Public Safety and Health**

As a part of the site selection criteria, the candidate sites were chosen so that they would have the major portion of the site located outside of areas subject to hazards such as flooding, tsunamis, erosion, and landslides.

Based on the Federal Flood Insurance Rate map dated March 4, 1987, all the sites are located in Zone X (unshaded) meaning they are outside of the 500 year flood plain.

All the candidate sites are located a few miles from the nearest shoreline and therefore, would not be subject to any tsunami threat.

The problem of landslides is expected to be minimal since none of the candidate sites involve building on steep and gully lands where ground instability could be encountered.

Erosion is associated with lands that had the ground cover and vegetation cleared and removed. All of the candidate sites are presently overgrown with sugarcane. The selected site will have to be cleared and grubbed before starting with the construction work for the new facility. The work being performed during that phase of construction will need to comply with erosion control measures as set forth in the approved Erosion Control Report for the project. After the new facility is completed, and its new landscaping is in place, no long term adverse impact due to erosion is expected.

7. **Surrounding Land Uses**

Land use relationships of the new judiciary facility with its surrounding environs vary from site to site. However, other than visual and traffic impacts, as discussed in previous and subsequent sections, there should be no adverse long term impacts to surrounding land uses.

A major criteria used earlier in the site selection process was that the site would not disrupt existing living patterns and that it should also be compatible with the surrounding land uses.

8. Displacement

All the candidate sites will cause no displacement of existing uses because all of the sites are former, or soon to be former, cane lands. Some sites, such as Site C have already had its zoning changed to accommodate a land use other than agricultural. Other sites, such as Sites A1, A2, A3, B, and B1, are presently being planned for zoning changes to occur at some future date. Site C2 has already been approved in concept for a land use district boundary change which, Grove Farm has indicated they would do.

9. Offsite Infrastructure (Drain, Water, Sewer)

A preliminary evaluation of the offsite infrastructure systems such as drainage, water, and sewage systems for each of the candidate sites was performed.

The existing County water system has adequate source, transmission, and distribution facilities that are available to service all seven candidate sites. The offsite improvements would include the installation of a new water line along with the necessary manholes, valves, fittings, etc. to connect the new facility to the existing water main. For most of the sites, the existing water main is located in the road immediately fronting the site and therefore would not require the new main to travel extensively to get to the existing system. Only Site B1 will require additional lengths of waterline as it must cross over the proposed Veteran of Foreign Wars parcel. The water service will be subject to prevailing policies and the Rules and Regulations of the Kauai Department of Water Supply.

The existing County sewer system may be available for Sites B and B1. There is a 21 inch sewer main in Kapule Highway directly across the site that can be made available for serving the new facility. Site B1's sewer main will need to be much longer than that for Site B as it must cross over the proposed Veteran of Foreign War's parcel.

The other candidate sites do not have this same benefit. Sites A1, A2, and A3 will all need substantial offsite sewer work to get to either the existing sewers in the residential area or, to the sewers for the proposed residential subdivision AMFAC/JMB is currently in the process of developing on the south side of Ahukini Road and almost directly across from Site A1. The existing sewers in the residential area also happens to be the end of the line for the existing mains and may require upgrading in order to handle the added flows from the new judiciary facility.

Site C has no existing County owned and/or maintained sewers nearby. The County sewer system does not extend to that area of Lihue. As a result, it will need to connect to the Grove Farm sewage treatment plant. Grove Farm has indicated in their comments to the DEIS that they do have the capacity in either

their existing sewage treatment plant or their new sewage treatment plant that is presently being built to provide for the Judiciary Complex. They have also indicated that detailed planning for the expansion of the Kukui Grove Shopping Center which includes Site C is already underway. On the other hand, Grove Farm has also indicated they will bring all utilities to the edge of the Site C2 lot within a year after the State purchases the property for Site C2 should it be the selected site for the proposed judiciary complex. This reduces considerably and, perhaps, eliminates most of the offsite infrastructure work for Site C2. It will however, still have some offsite road and utility extension work since Grove Farm Land Corporation says they will build the road extension up to, but not fronting Site C2.

10. Traffic

Long term impacts to local roads will be experienced in the vicinity of the selected site because of additional traffic being generated by the new judicial facility. To determine the degree and extent of these traffic impacts, conditions along the local roadways in the vicinity of the candidate sites were qualitatively evaluated for traffic congestion, and traffic hazards.

Sites A1, A2, and A3

Access to the new facility may be off of Ahukini Road. The existing Ahukini Road in this stretch has had a lot of its traffic volume reduced as a result of the completion of the Kapule Highway. The alignment and grades along Ahukini Road are such that a relatively good sight distance is afforded the driver exiting the driveway for the new facility. The proposed driveway(s) for the new complex could be sited to take advantage of existing accesses off of Ahukini Road.

In their review of the DEIS, the State Department of Transportation comments they will require a channelized access intersection with left turn storage and right turn lanes from Ahukini Road and, a twenty feet wide dedication for future highway improvements for Sites A1 and A2. They further indicate Site A3 will conflict with proposed highway improvements to Ahukini Road between Kapule Highway and Kuhio Highway. The Kauai Highway Masterplan proposes to realign Ahukini Road with Ehiku Street sometime in the future. Since Site A3 is a part of a larger parcel, it is possible to shift the site further north on the same parcel to accommodate their future highway improvements. Such a shift however, will add to the infrastructure costs for the site and will definitely increase the difficulty of sewerage the site since it will now be further away from either the existing sewers or the sewers for the proposed AMFAC/JMB subdivision.

Sites B and B1

Amfac/JMB is presently working on a masterplan for changing the use in this area. They plan to rezone the lands along the north-northwest side of Kapule Highway between the existing Stadium to the corner of Kapule Highway and Ahukini Road to either business and/or commercial. In doing so, they will provide for either Site B or Site B1 on their masterplan.

The State Department of Transportation indicates Site B will need a frontage road for access. They will not allow the site to have direct access to Kapule Highway. It is very possible Amfac/JMB will provide a frontage road along Kapule Highway to serve the new parcels on their masterplan. However, the timing of their masterplan approval and their schedule for infrastructure construction may not be accommodating to that of the Judiciary Complex in which case, Site B will need to build about 1,500 feet, more or less, of access road to connect to the end of Hoolako Street or, about 1,000 feet, more or less, of access road to connect with Ahukini Road.

Access for Site B1 onto Kapule Highway will be limited to an access across from the Airport Post Office entrance. The access will need to be a fully channelized intersection with left turn and right turn lanes and, traffic signals when warranted. A more economical alternate to the intersection would be an access road about 400 feet long, more or less, that would connect to the end of Hoolako Street.

#### Site C

Access to Site C will need to be via the proposed Pikake Street extension by the Grove Farm Company. The State Department of Transportation will not allow direct access to Nawiliwili Road.

#### Site C2

Grove Farm Land Corporation will build a road extension off of the internal road system for the Village West Subdivision to serve Site C2. All other roads for the large parcel of land on which Site C2 is a part will be built in about three to four years hence pending progress in the Village West Subdivision. Access to and from the existing highway will be by way of this internal road system through the subdivision. The road extension should be available within a year of the State of Hawaii's purchase of the property for Site C2 (at about the same time when the utilities will be made available).

#### General

Per the State Department of Transportation, the cost of the required roadway improvements for access shall be borne by the developer which, in this case, would be the State.

Twenty four hour traffic counts showing the volume of vehicles using the roads near to the various candidate sites is presented in Appendix E. The counts give an idea of the volume of traffic that will be affected by the new facility after its completion. The traffic counts are also for use during final design for setting parameters for the improvements needed to offset any impacts that might be created by this project on the existing nearby roads. A traffic assessment in accordance with Department of Transportation requirements will be required for the selected site and must be prepared during the design phase of the work.

11. Public Services

Since the proposed project involves reestablishing the existing judiciary facilities at another location, no additional demands will be generated for public services.

The project will not increase demands for police, fire protection, emergency medical and health services. These services are already provided within the Lihue area and encompass all of the candidate sites.

This proposed project is also not expected to impact adversely on the existing recreational facilities in the area.

12. Economic/Employment

Upon completion of the project, judiciary personnel will be relocated from their present work locations to the new facility. The larger new office spaces will also permit the hiring of additional staff, but it is anticipated that additional employment will be based on workload increases. Based on workload projections, the number of jobs is anticipated to increase considerably by the year 2010 without due consideration of budget constraints and other competing State programs.

State moneys required to do this project will be based on building costs but will vary according to the land and easement acquisition costs and the extent to which onsite and offsite improvements are needed for each of the individual sites.

Regardless of the site selected, it is expected that most of the construction moneys will be injected into the State and local economy for the construction of the new facility.

All the candidate sites are privately owned lands because there are no State owned lands of the required size for the new judiciary facility. The construction of the proposed facility would remove the options for other types of private development for these sites. It would also remove the selected site from the tax base for Kauai since the new facility will be owned by the State which pays no property taxes.

**VII. ALTERNATIVES TO THE PROPOSED ACTION**



## VII. ALTERNATIVES TO THE PROPOSED ACTION

### A. No Action

This alternative would mean the State Judiciary operations will continue to remain at their present accommodations. A "no action" alternative would be acceptable provided the status quo conditions could be maintained. However, this "no action" alternative is unrealistic because the existing facility has already been found to be both spatially and operationally inadequate. A part of its basement floor floods during large storms, privacy that is needed in meetings is lacking due to low ceiling heights and ventilation needs, and there is no sally port nor detention cells for use by the court.

### B. Lease Facilities

This alternative presumes existing State office facilities are not available elsewhere because they are either unsuitable for the operational needs of the Judiciary or would displace another State agency. The Judiciary would then be left to resolve the office space situation by themselves and they would then most likely turn to leasing privately owned spaces as a short term, but necessary solution to meet the impending space needs. It would mean that expansion would only occur as funds and space become available, thereby resulting in a scattering of offices which would be extremely counterproductive.

Other disadvantages to leasing would be the suitability of the available private office spaces, the lack of control over security, the continuous payment of lease rents without return on long term investment and which increases periodically over time, and the lack of flexibility in making adjustments if space needs change in the future.

Proceeding on the basis that this project is to provide a safe, adequately sized, and proper accommodations for the State Judiciary in Lihue, which would also allow for some degree of expansion in future years, the alternative to lease space would not be a viable solution.

### C. Renovate Existing Facilities and Expand at the Site

Renovation of the existing facilities through the construction of an onsite annex is not practical nor viable because the existing judiciary facilities do not have the physical space necessary to build such an annex.

### D. Build a new Facility at another site

Based on current operational conditions at the existing facility, the lack of physical space to expand at the present location, and the anticipated increase in caseload as discussed in the Carter Goble report, a new courthouse facility at a location to be selected is the preferred solution. This alternative would also contribute towards the long term benefits that can occur from a new judicial facility at a site to be selected.

**VIII. RELATIONSHIP TO PLANS, POLICIES, AND  
CONTROLS**

## **VIII. RELATIONSHIP TO PLANS, POLICIES, AND CONTROLS**

### **A. State Land Use District Boundaries**

The State Land Use law regulates the classification and uses of land in the State to accommodate growth and development, and to retain the natural resources of the area. All State lands are classified by the State Land Use Commission, with consideration given to the General Plan of the County, as either Urban, Rural, Agricultural, or Conservation.

Six of the candidate sites are presently classified for agriculture. The classification for these sites will need to be changed to urban before proceeding with the necessary approvals for the construction of the proposed Judiciary Complex. Site C is presently the only site classified urban and will not need to pursue any district boundary change.

Site C2 is classified for agriculture but it has been approved in concept for redistricting pending application and satisfying certain requirements as established by the State Land Use Commission. See Appendix G.

### **B. Kauai County General Plan**

The present Kauai General Plan classifies the candidate sites as follows,

Site A1: Agriculture  
Sites A2, A3, B, B1, C, and C2: Urban Mixed Use

The candidate site A1 will need to have its designation changed should it be selected as the site for the project before the project can be allowed to be built on it.

### **C. Kauai County Zoning Districts**

The present Kauai Zoning Ordinance has the sites zoned as follows,

Site A1, A2, A3, B, B1, and C2: Agriculture  
Site C: General Commercial

While Sites A1, A2, A3, B, and B1 are presently zoned for agriculture, the Zoning Ordinance does have a special use permit that can be applied for, and obtained, under the category of ST-P designation which allows public and quasi public facilities to be built on agriculture zoned lands. Obtaining such a permit is also conditioned upon pursuing a State Land Use change for the district boundary from agriculture to urban. The district boundary change must be pursued and obtained within six (6) months of applying for the special use (ST-P) permit.

### **D. Special Management Area Use Permit**

None of the candidate sites lie within the Special Management Area. Therefore, none of the sites need to be involved with this process.

**IX. RELATIONSHIP BETWEEN LOCAL SHORT TERM  
USES OF MAN'S ENVIRONMENT AND THE  
MAINTENANCE AND ENHANCEMENT OF LONG  
TERM PRODUCTIVITY**

**IX. RELATIONSHIP BETWEEN LOCAL SHORT TERM USES OF MAN'S ENVIRONMENT AND THE MAINTENANCE AND ENHANCEMENT OF LONG TERM PRODUCTIVITY**

**A. Short Term Uses**

The proposed project will involve local short term uses of the environment during the construction phases of the work. These uses will have both positive and negative impacts. As described in Section VI, "Probable Impacts and Mitigative Measures", the construction activities associated with the new Kauai Judiciary Complex will create some negative impacts such as minor disruptions to traffic, and increased noise nuisances in the proximity of the project site.

In the short term, the project will also confer some positive benefits to the local community. Direct economic benefits will result from the construction expenditures both through the buying of material from the local suppliers and through the employment of local labor. Indirect economic impacts would include benefits to the local retail businesses through the multiplier effect resulting from the construction activities.

**B. Long Term Productivity**

The long term economic benefits will result from employment necessary for the continued operation and maintenance of the new judiciary complex in terms of its "productivity". The administration of justice is a social function not an economic activity. The Courts and their associated facilities exist not for economic gain nor to confer economic benefits upon a community, but to hear disputes, and to mete out justice. This important function is one of the cornerstones of democracy.

The new Kauai Judiciary Complex will enable the island's courts and their affiliated services to function in the most efficient and up to date manner to meet the ever increasing judicial requirements of the island. The new facility can also provide the community with a sense of pride and confidence in the court system, and in the local government as well. A modern and efficient judiciary complex can lead to these same feelings of pride, security, and confidence in Kauai itself thus leading to a healthier climate in support of the island's existing homes and businesses and providing the stability needed for further growth on the island.

**X. IRREVERSIBLE & IRRETRIEVABLE COMMITMENTS  
OF RESOURCES**

**X. IRREVERSIBLE AND IRRETRIEVABLE COMMITMENTS OF RESOURCES**

This project involves three general categories in the commitment of resources.

**The Long Term Commitment of Land**

The proposed project will involve the long term commitment of land for use as the site of the Judiciary Complex. Such a commitment is neither irreversible nor irretrievable. However permanent it may seem, there is always a possibility that, at some time in the distant future, the complex could be removed to make space for some other use of the land. However, for all practical intents and purposes, the construction of the new judiciary complex is expected to preclude any other land use option for the selected site for many decades.

**Construction Commitments**

The construction of the proposed Judicial Complex at any of the candidate sites will involve the commitment of energy in the form of electricity and fuel, water, labor, materials, and capital investment.

**Operational Commitments**

The completed Judicial Complex will require the further commitment of certain irretrievable and irreversible resources such as labor, materials, and utilities (water, electricity, and telephone services) for the effective operation and maintenance of the complex.

**XI. LIST OF NECESSARY APPROVALS  
REQUIRED FOR THE PROJECT**



**XI. LIST OF NECESSARY APPROVALS REQUIRED FOR THE PROJECT**

<u>Permit/Approval</u>	Site A	Site A1	Site A2	Site A3	Site B1	Site C	Site C2
State Land Use Designation	1	1	1	1	1		6
General Plan Change	2						n/a
Zoning Change	3	3	3	3	3		6
Special Permit Procedure	4	4	4	4	4	4	n/a
Special Treatment District Permit	5	5	5	5	5	5	n/a
Shoreline Management Permit	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Subdivision	X	X	X	X	X	X	6
Site Drawings	X	X	X	X	X	X	X
Building Dwgs	X	X	X	X	X	X	X
Fire Department	X	X	X	X	X	X	X
Electrical	X	X	X	X	X	X	X
Plumbing & HVAC	X	X	X	X	X	X	X
Outdoor Lighting	X	X	X	X	X	X	X
Water Conn	X	X	X	X	X	X	X
Sewer Conn	X	X	X	X	X	X	X
Work w/State Hwys	X	X	X	X	X	X	n/a
Work w/County Rds	X	X	X	X	X	X	n/a
Site Grading	X	X	X	X	X	X	X
New Sidewalks	X	X	X	X	X	X	X
New Driveways	X	X	X	X	X		X

- 1 denotes a change in the State Land Use District Boundary is needed to allow construction of this project (see also note "a" on next page)
- 2 denotes a change in the General Plan is needed to allow the construction of this project (see also note "a" on next page)
- 3 denotes no zoning change is needed but the County's ST-P permit must be obtained
- 4 denotes a County permit that may be pursued to allow the project to be built in a State Land Use Agricultural District without first undergoing a district boundary change (conditions for approval will apply. see note "a" on next page)

- 5 denotes a County permit that will allow the facility to be built in an agricultural zoned area without pursuing a zoning change
- 6 denotes Grove Farm Land Corporation will obtain (see also, note "a" below)
- n/a denotes no Special Management Area Use Permit is needed because the site is not in the designated Special Management Area
- X denotes plan review and approvals needed

note "a": Since the State Land Use designation for six of the seven candidate sites is presently Agricultural, a change in the district boundary to Urban for the selected site is needed if it happens to be one of the five sites in order for the Kauai Judiciary Complex to be built on it. Site C is already designated Urban and will not require a change in the State Land Use district boundary. Site C2 has been approved in concept for redistricting pending application and satisfying certain requirements as established by the State Land Use Commission.

The General Plan designation for Site A1 is Agriculture while the remaining six candidate sites are designated as Urban Mixed Use. Site A1 will need to have its designation changed should it be chosen for the proposed project site.

The impact of changes to the State Land Use designation and also to the General Plan designation can be mitigated by pursuing Kauai County's Special Permit (ST-P) Procedure. However, a condition to this special permit approval is the State must pursue and obtain changes to the State Land Use and General Plan designations within six (6) months after applying for the special permit.

**XII. AGENCIES, ORGANIZATIONS, AND INDIVIDUALS  
CONSULTED IN THE PREPARATION OF THE EIS**

**XII. AGENCIES, ORGANIZATIONS, AND INDIVIDUALS CONSULTED IN THE PREPARATION OF THE EIS**

- A. Federal Agencies**
  - Department of the Army -- U.S. Corps of Engineers
  - Department of Agriculture -- Soil Conservation Service
  
- B. State Agencies**
  - Department of Accounting & General Services -- Honolulu
  - Department of Land & Natural Resources -- Historic Sites
  - Department of Agriculture
  - Department of Health
  - Department of Transportation
  - Fifth Circuit Court
  
- C. County of Kauai**
  - Mayor's Office
  - Department of Planning
  - Department of Public Works
  - Department of Water Supply
  - Police Department
  - Fire Department
  
- D. State Legislators**
  
- E. Kauai County Council persons**
  
- F. Private Organizations**
  - League of Women Voters
  - Sierra Club
  - Kauai Bar Association
  - Kauai Chamber of Commerce
  - Amfac/JMB
  - Grove Farm Co. Inc.
  
- F. Utilities**
  - Gaspro
  - Hawaiian Telephone Company
  - Cable Television

**XIII. DRAFT ENVIRONMENTAL IMPACT STATEMENT  
CONSULTATION PHASE:**

**XIII. DRAFT ENVIRONMENTAL IMPACT STATEMENT CONSULTATION PHASE:**

**COMMENTS AND RESPONSES**

The following agencies, organizations, and individuals provided comments on the Site Selection Report and Draft Environmental Impact Statement for the Kauai Judiciary Complex. A total of seventeen (17) letters of response were received.

An asterisk (\*) indicates those letters with comments which required substantive responses. The comment and response letters are reproduced in this section. Letters not requiring substantive responses are also reproduced in this section.

**A. Federal Agencies**

- \* 1. Department of the Army, US Army Engineer District, Honolulu
- 2. Department of the Navy, Commander, Naval Base, Pearl Harbor
- 3. US Department of Agriculture, Soil Conservation Service

**B. State Agencies**

- 1. Office of State Planning, Office of the Governor
- 2. University of Hawaii at Manoa, Environmental Center
- 3. Dept of Land & Natural Resources, Historic Preservation Division
- 4. Office of Environmental Quality Control
- 5. Dept of Budget & Finance, Housing Finance & Development Corporation
- 6. Dept of Business, Economic Development & Tourism, Land Use Commission
- 7. Dept of Defense, Office of the Adjutant General
- \* 8. Dept of Transportation
- \* 9. Dept of Health
- \* 10. Dept of Land & Natural Resources

**C. County Agencies**

- \* 1. Dept of Public Works
- 2. Dept of Water Supply

**D. Organizations and Individuals**

- \* 1. Grove Farm Land Corporation
- 2. Amfac/JMB

AMFAC/JMB HAWAII INC.  
4370 Kukui Grove Street  
Suite 201  
Lihue, Hawaii 96766  
(808) 245-3463  
(808) 245-4076 Fax

FILE  
2

February 4, 1992

Brian J. J. Choy, Director  
OFFICE OF ENVIRONMENTAL QUALITY CONTROL  
State of Hawaii  
220 South King Street, Fourth Floor  
Honolulu, Hawaii 96813

Amfac  
RECEIVED

Dear Mr. Choy:

'92 FEE -6 P12:06

Subject: Draft Environmental Impact Statement  
Kauai Judiciary Complex

OFC. OF L.  
QUALITY CONTROL

In the Draft EIS report under Description of Candidate Sites, Item E. 4 (pg. IV-4), states that monies for the purchase for utility easements will be necessary for the B1 site.

As landowners of the B1 and B sites, and as well as the Kauai Veterans' Center site, we wish to convey the following response:

1. In the conveyance documents of the Kauai Veterans' Center site to the Kauai Veterans Council, we will require reservation of easement for future infrastructure (i.e., sewer, water, drainage and public utility) installations to service the abutting or nearby proposed lots. There will be no need, therefore, to purchase the utility service easements.
2. Item 4 also comments on the length of travel from the site to the existing judiciary, government facilities and businesses as compared to the B site. It states that "the travel will be long compared to Site B." This is not an accurate statement. It would be only slightly longer if the travel is via Kapule Highway to Ahukini Road and then Umi Street (i.e. vehicle travel distance of B to existing judiciary is 8,400 L.F. From Site B1 it is 10,000 L.F.) However, if the travel route is via Hoolako Street to Rice Street to Umi Street, then B1 is shorter (i.e., 7,200 L.F. from B1 and 8,400 L.F. from B).

Thank you for providing this opportunity to comment on the Draft EIS. Should there be any questions on our response, please contact me.

Sincerely,

AMFAC/JMB HAWAII, INC.



Brian K. Nishimoto  
Vice President & General Manager  
Kauai Community Development Division

BKN:sly

cc: Stanley Yim, Stanley Yim & Associates

RECEIVED

FEB 7 1992

STANLEY YIM & ASSOC. INC.

JOHN WAIHEE  
GOVERNOR



STATE OF HAWAII  
DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES  
DIVISION OF PUBLIC WORKS  
P. O. BOX 119, HONOLULU, HAWAII 96810

RUSSEL S. NAGATA  
COMPTROLLER  
ROBERT P. TAKIISHI  
DEPUTY COMPTROLLER

LETTER NO. (P)1173.2

MAR 4 1992

Mr. Brian Nishimoto  
Vice President and General Manager  
Amfac/JMB Hawaii, Inc.  
4370 Kukui Grove Street, Suite 201  
Lihue, Kauai, Hawaii 96766

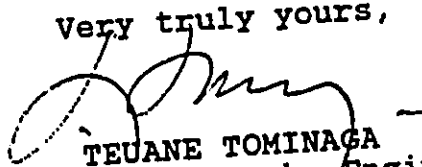
Dear Mr. Nishimoto:

Subject: Kauai Judiciary Complex  
Site Selection Study and  
Draft Environmental Impact Statement (DEIS)

This is to acknowledge receipt of your February 4, 1992 letter regarding the proposed improvements and site selection for a new Kauai Judiciary Complex.

The DEIS has been revised to incorporate the comments in your letter. The letter and this response will be appended to the Final Environmental Impact Statement. Thank you for participating in the Environmental Impact Statement review process.

Very truly yours,

  
TEUANE TOMINAGA  
State Public Works Engineer

RY:jk



JOHN WAIHEE  
GOVERNOR



STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION

869 PUNCHBOWL STREET  
HONOLULU, HAWAII 96813-5097

January 10, 1992

REX D. JOHNSON  
DIRECTOR

DEPUTY DIRECTORS  
JOYCE T. OMINE  
AL PANG  
JEANNE K. SCHULTZ  
CALVIN M. TSUDA

IN REPLY REFER TO:

HWY-PS  
2.0208

MEMORANDUM

TO: Governor, State of Hawaii  
c/o Office of Environmental Quality Control

FROM: *por* Rex D. Johnson, Director *Al Pang*  
Department of Transportation

SUBJECT: DRAFT ENVIRONMENTAL IMPACT STATEMENT AND SITE SELECTION  
STUDY, THE KAUAI JUDICIARY COMPLEX, LIHUE, KAUAI

Thank you for your transmittal of the subject document for our review.

We have the following comments on the proposed sites:

1. Sites A-1 & A-2

We will require a channelized access intersection with left-turn storage and right-turn lanes from Ahukini Road and a twenty-foot wide dedication is required for future highway improvements.

2. Site A-3

This site will conflict with the proposed improvements to Ahukini Road between Kapule Highway and Kuhio Highway. The Kauai Highway Master Plan proposes to realign Ahukini Road with Ehiku Street.

3. Site B

We will not allow this site to have direct access to Kapule Highway. A frontage road should be provided for access to this site.

RECEIVED

JAN 13 1992

STANLEY YIM & ASSOC. INC.

Memo to Governor  
Page 2  
January 10, 1992

HWY-PS 2.0208

4. Site B-1

Access onto Kapule Highway is limited to access across the Airport Post Office entrance. We will require the intersection be fully channelized with left-turn and right-turn lanes and provided with traffic signals when warranted.

5. Site C

We will not allow direct access to Nawiliwili Road. Access to this site shall be via the proposed Pikake Street extension by Grove Farm Company.

The following general comments are applicable when the selected site is made:

1. We will require that a traffic assessment be prepared and submitted to the Highways Division for our review and approval.
2. The cost of required roadway improvements shall be borne by the developer.
3. Plans for work within the State highway right-of-way shall be submitted to the Highways Division for our review and approval.
4. Required roadway improvements should be coordinated with the completed Kauai Highway Master Plan.

c: Mr. Ralph Yukumoto  
Department of Accounting and General Services  
1151 Punchbowl Street, #430  
Honolulu, Hawaii 96813

✓ Mr. Stanley Yim  
Stanley Yim and Associates, Inc.  
2850 Paa Street, Suite 200  
Honolulu, Hawaii 96819

JOHN WAIHEE  
GOVERNOR



STATE OF HAWAII  
DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES  
P. O. BOX 119, HONOLULU, HAWAII 96810

RUSSEL S. NAGATA  
COMPTROLLER  
ROBERT P. TAKUSHI  
DEPUTY COMPTROLLER

LETTER NO. (P)1096.2

FEB 14 1992

Honorable Rex Johnson  
Director  
Department of Transportation  
State of Hawaii  
Honolulu, Hawaii

Dear Mr. Johnson:

Subject: Kauai Judiciary Complex  
Site Selection Study and  
Draft Environmental Impact Statement

This is to acknowledge receipt of your January 10, 1992 letter regarding the site selection and proposed improvements for a new Kauai Judiciary Complex.

The sections under Paragraph B10, Traffic, beginning on Page VI-6 of the report for each of the candidate sites will be revised to include the comments in your letter regarding access for each of the sites.

A traffic assessment in accordance with Department of Transportation requirements will be prepared during the design phase of the work which is after the selection of a candidate site.


The plans for all work within the State highway right-of-way will be coordinated with the completed Kauai Highway Master Plan and also submitted to your office for review and approval.

It will also be noted in the report that the cost for the required roadway improvements shall be borne by the developer which, in this case, is also the State.

Honorable Rex Johnson  
Page 2

Ltr. No. (P)1096.2

Your letter and this response will be appended to the  
Final Environmental Impact Statement. Thank you for partici-  
pating in the Environmental Impact Statement review process.

Very truly yours,  
  
RUSSELL S. NAGATA  
State Comptroller

JOHN WAIHEE  
GOVERNOR OF HAWAII



JOHN C. LEWIN, M.D.  
DIRECTOR OF HEALTH

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

In reply, please refer to:

December 30, 1991

91-425/epo

To: The Honorable John Waihee  
Governor, State of Hawaii  
c/o Director, Office of Environmental Quality Control

From: John C. Lewin, M.D. *John C. Lewin for*  
Director of Health

Subject: SITE SELECTION REPORT AND ENVIRONMENTAL IMPACT  
STATEMENT (EIS), KAUAI JUDICIARY COMPLEX  
LIHUE, KAUAI, HAWAII  
TMK: 3-07-01:01; 3-06-02:02; 3-06-02:01; 3-03-03-1

We have reviewed the subject report and EIS, and offer the following comments for your consideration:

1. The proposed development will be situated in areas that are designated as CRITICAL WASTEWATER DISPOSAL AREAS WITH ONE (1) ACRE EXCEPTION. As stated in the subject document, the proposed judicial complex will be serviced by a "small sewage treatment facility", connected to the existing sewer system in the Lihue area or connected to the existing Grove Farm sewage treatment plant servicing the Kukui Grove Shopping Center. The minimum requirements of the Department of Health's Administrative Rules, Chapter 11-62, "Wastewater Systems", shall be complied with if a sewage treatment plant is to be built or if the development is to be connected to the existing Grove Farm sewage treatment plant. The developer should consult with the Wastewater Branch of the Department of Health regarding the above-mentioned matter. We prefer that the proposed judicial complex be situated in an area that is serviced by the existing Lihue sewer system or the Grove Farm sewer system.
2. AMFAC/JMB has proposed an expansion of the existing Molokoa residential subdivision. If site A2 or B1 is selected, the air conditioning unit(s) serving the proposed judicial complex may be a source of noise nuisance to the nearby residents of the subdivision.

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STANLEY YIM & ASSOC. INC.

3. The site selected may harbor rodents which will be dispersed to the surrounding areas when the site is cleared. In accordance with the Department of Health's Administrative Rules, Chapter 11-26, "Vector Control", the applicant shall ascertain the presence or absence of rodents on the property. Should the presence of rodents be determined, the applicant shall eradicate the rodents prior to clearing the site.
4. Effective soil erosion and dust control measures shall be implemented by the applicant during all phases of development.
5. Grubbed material shall be disposed of at a solid waste disposal facility that is permitted by the Department of Health.
6. Open burning is prohibited, except in accordance with the applicable requirements of the Department of Health's Administrative Rules Chapter 11-60, "Air Pollution Control."
7. The proposed development shall be provided with potable water from an approved source.
8. Due to the general nature of the proposed project, we reserve the right to impose further environmental health restrictions when more detailed information is submitted.

If you should have any questions, please call Mr. Clyde Takekuma, Chief Sanitarian, Kauai District Health Office at 241-3323.

c: Clyde Takekuma, Kauai District Health Office  
Wastewater Branch  
Department of Accounting and General Services  
Stanley Yim and Associates

JOHN WAIHEE  
GOVERNOR



STATE OF HAWAII  
DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES  
P. O. BOX 119, HONOLULU, HAWAII 96810

RUSSEL S. NAGATA  
COMPTROLLER  
ROBERT P. TAKUSHI  
DEPUTY COMPTROLLER

LETTER NO. (P)1097.2

MAR 5 1992

Honorable John Lewin  
Director  
Department of Health  
State of Hawaii  
Honolulu, Hawaii

Dear Dr. Lewin:

Subject: Kauai Judiciary Complex  
Site Selection Study and  
Draft Environmental Impact Statement

This is to acknowledge receipt of your December 30, 1991 letter regarding the site selection and proposed improvements for a new Kauai Judiciary Complex.

We recently met with Grove Farm and they indicated they can accommodate the project in their new sewage treatment plant. Notwithstanding a conflict in timing between completion of their new plant and the occupancy of this new Judiciary complex, there should no longer be a need for a small sewage treatment facility for servicing the project. All the other candidate sites are in areas serviced by the existing Lihue sewer system. Connecting to the system, however, remains with the County since they are in the process of expanding the existing Lihue Wastewater Treatment Plant and, as they've indicated in their response, "much of the capacity (after the expansion) will be earmarked for affordable housing projects." If in the event connecting to the County's system is not possible and a small sewage treatment plant is needed, all the design and plans for the small plant will be fully in accord with the Department of Health's Administrative Rules, Chapter 11-62, "Wastewater Systems."


As for Items 2, 3, 4, 5, 6, 7 and 8 in your letter, these items will be considered during the design phase of the work which follows the selection of a candidate site. If they are found to be pertinent and applicable, they will be incorporated on the project plans or, if necessary, mitigation measures provided.

Honorable John Lewin  
Page 2

Ltr. No. (P)1097.2

Your letter and this response will be appended to the Final Environmental Impact Statement. Thank you for participating in the Environmental Impact Statement review process.

Very truly yours,



RUSSEL S. NAGATA  
State Comptroller





**OFFICE OF STATE PLANNING**  
Office of the Governor

MAILING ADDRESS: P.O. BOX 3540, HONOLULU, HAWAII 96811-3540  
STREET ADDRESS: 250 SOUTH HOTEL STREET, 4TH FLOOR  
TELEPHONE: (808) 587-2846, 587-2800

JOHN WAIHEE, Governor

FAX: Director's Office 587-2848  
Planning Division 587-2824

December 26, 1991


MEMORANDUM

TO: The Honorable John Waihee, Governor  
State of Hawaii  
c/o Office of Environmental Quality Control

SUBJECT: Comments on Draft Environmental Impact Statement  
Kauai Judiciary Complex  
Lihue, Kauai  
TMK: 3-07-01: 01; 3-06-02: 02; 3-06-02: 01; 3-03-03: 01

We have reviewed Draft Environmental Impact Statement proposing the construction of a New Judiciary Complex in Lihue, Kauai. The new facility will be a combined Circuit, District, and Family Courthouse occupying one of six proposed sites.

We have no comments to offer at this time. Thank you for the opportunity to review the project.

  
Harold S. Masumoto  
Director

cc: Mr. Ralph Yukumoto, DAGS  
Mr. Stanley Yim, Stanley Yim & Assoc. ✓  
Mr. Douglas Tom, CZM

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DEC 30 1991

STANLEY YIM & ASSOC. INC.

JOHN WAIHEE  
GOVERNOR



STATE OF HAWAII  
DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES  
P. O. BOX 119, HONOLULU, HAWAII 96810

RUSSEL S. NAGATA  
COMPTROLLER  
ROBERT P. TAKUSHI  
DEPUTY COMPTROLLER

LETTER NO. (P)1087.2

FEB 6 1992

Mr. Harold Masumoto  
Director  
Office of State Planning  
State of Hawaii  
Honolulu, Hawaii

Dear Mr. Masumoto:

Subject: Kauai Judiciary Complex  
Site Selection Study and  
Draft Environmental Impact Statement

Thank you for participating in the Environmental Impact Statement review process. This is to acknowledge receipt of your December 26, 1991 letter regarding the site selection and proposed improvements for a new Kauai Judiciary Complex.

Your letter and this response will be appended to the Final Environmental Impact Statement.

Very truly yours,

  
RUSSEL S. NAGATA  
State Comptroller



## University of Hawaii at Manoa

Environmental Center  
A Unit of Water Resources Research Center  
Crawford 317 • 2550 Campus Road • Honolulu, Hawaii 96822  
Telephone: (808) 956-7361

December 23, 1991  
RE: 0595

Governor, State of Hawaii  
c/o Office of Environmental Quality Control  
220 South King Street, 4th Floor  
Honolulu, Hawaii 96813

Dear Governor:

Draft Environmental Impact Statement (DEIS)  
Kauai Judiciary Complex  
Lihue, Kauai

The Department of Accounting and General Services (DAGS), State of Hawaii, has identified and evaluated six candidate sites for the proposed New Judiciary Complex to be constructed in Lihue, Kauai.

The Environmental Center has reviewed the referenced DEIS with the assistance of Kem Lowry, Urban and Regional Planning; Peter Flachsbert, Urban and Regional Planning; and Elizabeth Muller, Environmental Center. We have the following comments regarding the contents of the EIS:

1. A more specific explanation of the term "soon to be former sugar cane fields" in the description of the project setting would be helpful in assessing the properties of the proposed sites.
2. A clearer map of the flood zones with respect to the candidate sites would aid evaluation of the site selection process.
3. There were no consultations of other parties on this project.
4. Given the limited data points, 1987 and 1990, used in the Carter Goble report to project judiciary needs in the year 2010, it would be advantageous to look into the methodology used for these projections.
5. Given the fact that the ratings for the different sites do not

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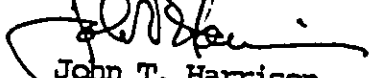
Governor, State of Hawai'i  
December 23, 1991  
Page 2

differ greatly from one another, we feel that the community should have an opportunity to comment on the selected site prior to permitting the project.

6. This document does not include any discussion of the design of the New Judiciary Complex. If this DEIS addresses the construction of this project, there should be more information on the visual impact of the project, such as the building plans, elevations, landscaping, etc..

Thank you for the opportunity to comment on this project.

Yours truly,

  
John T. Harrison  
Environmental Center

cc: DAGS (Ralph Yukumoto)  
Stanley Yim  
Roger Fujioka  
Kem Lowry  
Peter Flachsbart  
Elizabeth Muller

JOHN WAIHEE  
GOVERNOR



STATE OF HAWAII  
DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES  
DIVISION OF PUBLIC WORKS  
P. O. BOX 119, HONOLULU, HAWAII 96810

RUSSEL S. NAGATA  
COMPTROLLER  
ROBERT P. TAKUSHI  
DEPUTY COMPTROLLER

LETTER NO. (P)1239.2

MAR 23 1992

Dr. John T. Harrison  
Environmental Center  
University of Hawaii at Manoa  
2550 Campus Road, Crawford 317  
Honolulu, Hawaii 96822

Dear Dr. Harrison:

Subject: Kauai Judiciary Complex  
Site Selection Study and  
Draft Environmental Impact Statement (DEIS)

This is to acknowledge receipt of your December 23, 1991 letter regarding the site selection and proposed improvements for a new Kauai Judiciary Complex.

With regards to the comments in your letter, we provide the following responses which are similarly numbered:


1. The term "soon to be former sugar cane fields" means these fields have already been taken out of production and the landowner is in the process of masterplanning these areas for uses other than agricultural.
2. The site locations will be added to Figure 6 (Federal Flood Insurance Rate Map for Kauai County) in the Final Environmental Impact Statement (FEIS).
3. The list of consulted parties is on Page XII-1.
4. The Carter-Goble report cited in the DEIS forecasted caseloads by using ten basic forecasting models, e.g. historical trends, actual number changes, caseload to population ratio, linear regression analysis of filings vs. time, etc. Carter-Goble is of the opinion that their forecasting methods are sound in principle, mathematically correct, and intuitively valid.

Figure 5 in the Carter-Goble report, which shows the filing curve projections for each of the circuit courts as well as the total filings for all courts, only projected to year 2005. The plots were then graphically extrapolated another five years to establish the 2010 projected caseload.

5. We believe that the community input received in the preparation of the EIS will be adequate to assist the State in selecting the most appropriate site for the Judiciary Complex. Therefore, we do not see the need to ask for additional comments after a site is selected.
6. There is no discussion of the design for the new Judicial Complex because the DEIS does not address the construction of the project. Visual impact, building plans, elevation, landscaping, etc. are items that will be determined and/or prepared during the design phase of the project which follows the selection of a Judiciary site.

We do appreciate your input for this project. Your letter and this response will be appended to the FEIS.

Very truly yours,



TEUANE TOMINAGA  
State Public Works Engineer

RY:jk

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STATE PUBLIC WORKS ENGINEER  
MAY 11 1998



DEPARTMENT OF THE ARMY  
U. S. ARMY ENGINEER DISTRICT, HONOLULU  
BUILDING 230  
FT. SHAFTER, HAWAII 96858-5440

December 20, 1991

REPLY TO  
ATTENTION OF:

Planning Division

Mr. Brian J. J. Choy, Director  
Office of Environmental Quality Control  
465 South King Street, Room 104  
Honolulu, Hawaii 96813

Dear Mr. Choy:

We have reviewed the Draft Environmental Impact Statement for the Kauai Judiciary Complex, Lihue, Kauai. The following comments are provided pursuant to Corps of Engineers authorities to disseminate flood hazard information under the Flood Control Act of 1960 and to issue Department of the Army (DA) permits under the Clean Water Act; the Rivers and Harbors Act of 1899; and the Marine Protection, Research and Sanctuaries Act.

- a. A DA permit is not required.
- b. The flood zone information presented on page III-9 (section III.B.6) of the DEIS is correct. It would be helpful to indicate the locations of the six alternative sites in Figure 6.

Sincerely,

**ORIGINAL SIGNED**

Kisuk Cheung, P.E.  
Director of Engineering

Copies Furnished:

State of Hawaii - Department of Accounting  
and General Services  
Attention: Mr. Ralph Yukumoto  
1151 Punchbowl Street #430  
Honolulu, Hawaii 96813

JOHN WAIHEE  
GOVERNOR



STATE OF HAWAII  
DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES  
DIVISION OF PUBLIC WORKS

P. O. BOX 119, HONOLULU, HAWAII 96810

RUSSEL S. NAGATA  
COMPTROLLER  
ROBERT P. TAKUSHI  
DEPUTY COMPTROLLER

LETTER NO. (P)1088.2

FEB 6 1992

Mr. Kisuk Cheung  
Director of Engineering  
Department of the Army  
U. S. Army Engineer District, Honolulu  
Fort Shafter, Building 230  
Honolulu, Hawaii 96858-5440

Dear Mr. Cheung:

Subject: Kauai Judiciary Complex  
Site Selection Study and  
Draft Environmental Impact Statement

Thank you for participating in the Environmental Impact Statement review process. This is to acknowledge receipt of your December 20, 1991 letter regarding the site selection and proposed improvements for a new Kauai Judiciary Complex.

The various sites will be added to Figure 6 in the Final Environmental Impact Statement.

Your letter and this response will be appended to the Final Environmental Impact Statement.

Very truly yours,

A handwritten signature in black ink, appearing to read "Teuane Tominaga".

TEUANE TOMINAGA  
State Public Works Engineer

RY:jk



and copy to appropriate parties

FILE 2

JOHN WAIHEE  
GOVERNOR OF HAWAII



WILLIAM W. PATTY, CHAIRPERSON  
BOARD OF LAND AND NATURAL RESOURCES

DEPUTIES

MANABU TAGOMORI  
Dan T. Kochi

STATE OF HAWAII  
DEPARTMENT OF LAND AND NATURAL RESOURCES

P. O. BOX 621  
HONOLULU, HAWAII 96809

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'91 DEC 20 ASST  
OFFICE OF ENVIRONMENTAL  
QUALITY CONTROL  
AQUACULTURE DEVELOPMENT PROGRAM  
AQUATIC RESOURCES CONSERVATION AND ENVIRONMENTAL AFFAIRS CONSERVATION AND RESOURCES ENFORCEMENT CONCESSIONS FORESTRY AND WILDLIFE HISTORIC PRESERVATION PROGRAM LAND MANAGEMENT STATE PARKS WATER AND LAND DEVELOPMENT

REF:OCEA:SKK

DEC 18 1991

FILE NO.: 92-286  
DOC. NO.: 2257E

Governor John Waihe'e  
State of Hawaii  
c/o Office of Environmental Quality Control  
220 South King Street, 4th Floor  
Honolulu, Hawaii 96813

Dear Governor:

SUBJECT: Site Selection Study and Draft Environmental Impact Statement for the Kauai Judiciary Complex

Thank you for giving our Department the opportunity to comment on this matter. We have reviewed the draft EIS and have the following comments and recommendations.

HISTORIC PRESERVATION DIVISION COMMENTS:

We have worked directly with the Department of Accounting and General Services on compliance with Chapter 6E (H.R.S.).

The DEIS for this project states that there are no known historic sites in the candidate areas A1, A2, B, B1. In area C, two significant historic sites were found as stated on p. III-11. According to the DEIS, the project site location will avoid the valleys and gullies and known significant historic sites. Based on this statement we agree that this project will have "no effect" on significant historic sites.

DIVISION OF FORESTRY AND WILDLIFE COMMENTS:

- 1) Candidate Site A2 will front the south side of Ahukini Road between the former radio station KTOH parcel and the existing reservoir. Migratory waterbirds do frequent that reservoir.

Gov. John Waihe'e

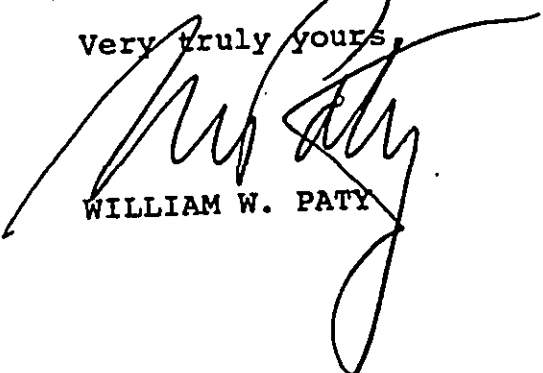
-2-

File No.: 92-286

- 2) Should Candidate Site A2 be used, our concern on the affect on the migratory waterfowl to the reservoir should be addressed in the EIS.
- 3) A detailed map of how much of the 6.5 acres will be used for the actual building site and landscaping should be included in the EIS.

Thank you for your cooperation in this matter. Please feel free to call me or Sam Lemmo at our Office of Conservation and Environmental Affairs, at 587-0377, should you have any questions.

Very truly yours,



WILLIAM W. PATY

JOHN WAIHEE  
GOVERNOR



STATE OF HAWAII  
DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES  
P. O. BOX 119, HONOLULU, HAWAII 96810

RUSSEL S. NAGATA  
COMPTROLLER  
ROBERT P. TAKUCHI  
DEPUTY COMPTROLLER

LETTER NO. (P)1114.2

FEB 11 1992

Honorable William Paty  
Chairperson  
Department of Land and  
Natural Resources  
State of Hawaii  
Honolulu, Hawaii

Dear Mr. Paty:

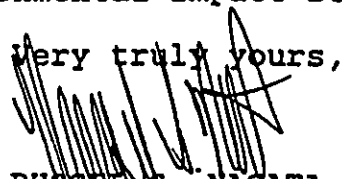
Subject: Kauai Judiciary Complex  
Site Selection Study and  
Draft Environmental Impact Statement

We acknowledge receipt of your December 18, 1991 comments regarding the proposed site selection for a new Kauai Judiciary Complex and provide the following responses:

1. Based on subsequent discussions with your staff, we have been informed that the Ahukini Reservoir is dry and is therefore not an area where migratory water-birds frequent.
2. Details regarding the building's location on the site and landscape plan will be accomplished during design.

Thank you for participating in the Environmental Impact Statement review process. Your letter and this response will be appended to the Final Environmental Impact Statement.

Very truly yours,

  
RUSSEL S. NAGATA  
State Comptroller

**GROVE FARM LAND CORP.  
3-2600 KA'UMUALII HIGHWAY SUITE 3001  
LIHUE, KAUAI, HI 96766**

December 17, 1991

Governor John Waihee  
State of Hawaii  
c/o Office of Environmental Quality Control  
220 South King St. 4th floor  
Honolulu, HI 96813

**RE: Comments on Draft EIS and Site Selection Report for the  
Kauai Judiciary Complex**

Dear Governor Waihee:

We appreciate being offered a chance to review the subject Draft EIS and, more importantly, being considered as an area within which to locate the new Kauai Judiciary Complex. The purpose of this letter is to provide you some reaction to and comments on the Draft and information on what we believe are superior sites which could have been considered had the consultant met with us. A summary is first provided, followed by a discussion of particular substantive areas.

**SUMMARY**

We believe the Kukui Grove area is the best site for the proposed Kauai Judiciary Complex. The conclusions reached in the Draft EIS (DEIS) are in part mistaken and/or incorrect, due to a lack of communication. With correct information, which we will provide herein, and the same evaluation criteria used in the DEIS, the Kukui Grove area is clearly the superior site.

The DEIS contains numerous errors and misstatements as regards the Grove Farm site, which is described on page IV-5 as "Candidate Site C." We believe the errors are the result of a lack of complete and in-depth communication by the consultant with Grove Farm. Most central to the problem is that the subject site is zoned for and planned for an expansion of the Kukui Grove Shopping Center, with detailed planning already underway. There are two other areas nearby, however, both of which are on Grove Farm land and both of which would be well suited for the Judiciary Complex. The subject site and the two alternatives are shown on the attached map (Exhibit A).

**Sewerage:**

Page III-17 discusses the sewerage for several sites, but focuses on the sewer mains alone, instead of mains and treatment: "Sewers for Sites A-1, A-2 and A-3 will be either a small sewage treatment facility or a new off-site sewer main to connect the new judiciary facility to the existing sewer system in the residential areas west-southwest of the candidate sites. Site B can connect to the existing 21" sewer main across Kapule Highway. Site C does not have access to any sewer mains. The County does not have a sewer system on that side of Lihue. The Kukui Grove Shopping Center next to the Candidate site is presently served by a private sewage treatment plant. It is unlikely this plant will have enough space to accommodate ..."

**Comments on Sewerage:**

The 54-acre Kukui Grove Village West was zoned General Commercial, effective January 21, 1988, per Ordinance PM-160-88. The County accepted the roadway and other infrastructure improvements prior to the October 1, 1991 date of the DEIS. Importantly, the existing Grove Farm sewer plant has adequate capacity to serve not only Kukui Grove Village West, but considerably more area as well. Further, Grove Farm has received additional zoning and is in the process of constructing a new sewage treatment plant (STP) which will greatly increase our treatment capacity, certainly sufficient to handle the proposed Judiciary Complex. The rates for the new STP will be regulated by the State Public Utilities Commission. Had the consultant checked with Grove Farm, this information would have been made available.

It is also noted that while certain other sites have sewer mains nearby the County plant is at full capacity and virtually no new hook-ups are being allowed in Lihue.

**Comment on Zoning:**

We are concerned that much of the consultant's information is not current. For example, his Figure 11 (page IV-9) does not reflect Kukui Grove Village West, which had zoning and final subdivision approval well before this report was completed.

**Comments on Site Selection Methodology:**

Page IV-1 (A.) discusses the site selection methodology and focuses on cane lands not too distant from existing government offices. Price is assumed to be greater for urbanized lands, but no discussions were held with Grove Farm. Relative to the proposed Judiciary Complex, the report does not take into account the proposed police station move to the former Lihue Shopping Center site being planned by the County, bringing it closer

to the Grove Farm sites.

Page IV-2 correctly states that the new facility must meet future needs and have the potential for expansion. Both Grove Farm sites have these characteristics.

Page IV-2 and IV-3 discuss the Application of Minimum Criteria. In every case, at least one of Grove Farm's sites meets the criteria. In the area west of Kukui Grove Village West, a flat, well-drained, easily accessible area exists for which site Grove Farm is willing to work with the State to achieve all of its goals. It should be noted that considerable office expansion is occurring and more is expected immediately adjacent, in Kukui Grove Village West.

**Comments on Description of Site C:**

On page IV-5, the travel pattern described to Site C is incorrect and suggests the consultant not only didn't meet with Grove Farm, but may not have visited the Grove Farm site or the subject roadway! Actually, the Grove Farm area is accessible from Lihue via Ka'umualii Highway as well as via Haleko Road. Waa Road dead-ends into Nawiliwili Stream and doesn't circulate anywhere. All the proposed sites are within about a mile of the Government Offices in Lihue. Traffic circulation and congestion between various sites and the Lihue Town core now, and in the future, will be the best measure of accessibility.

Compared to other, congested areas of Lihue which are not served by a new, expanded road system including traffic lights, the Grove Farm area is superior. Further, in addition to measuring travel time from government offices in Lihue, travel for the citizen-users of the complex should be considered. Grove Farm's planned Lihue Puhi Project is underway and will include approximately 1690 units adjacent to Kukui Grove. The centroid of Kauai population is, in fact, moving west toward the Kukui Grove area.

**Comments on Site Size:**

The required site size suggested by the consultant (see Appendix C-1) is approximately 6.4 acres. By comparison, the existing Kauai Judiciary Complex, State Office Building and County office buildings occupy 6.368 acres.

In determining need, the report uses an estimated 1990 population of 54,100 (page III-11) while the actual census for 1990 is 51,177, a 5% error. The population projection used shows a 84,600 population for the year 2010, which most Kauai residents feel will not happen.

The result of these errors is that the design is somewhat oversized already and, if utilized, could be adequate for the next 30 years with no significant expansion required. Certainly there is no need for a 50% expansion during the life of the proposed new buildings.

**Comment on Site Cost and Development Schedule:**

The DEIS incorrectly assumes costs will be determined primarily on zoning, which is not necessarily the case with respect to Grove Farm. More important is the total development cost, including acquisition, site development and building construction. Because Site 1 is fully ready to build and Site 2 will be, the total cost may well be less than that for other sites. Further, because of off-site problems associated with other sites, Site 1 and 2 can be developed in the shortest amount of time.

**Revised Evaluation of Candidate Sites**

Based on correct information, the two Grove Farm alternate sites are here evaluated. This could be considered an extension of Table 1 (page V-15). Site 1 is the "center" of Kukui Grove Village West. Site 2 is the area to the west of Kukui Grove Village West.

**Building Site Criteria**

**Site Size:**

Site 1 is approximately 5.6 acres. Site 2 can be configured to meet the 6 to 7 acre requirement and offers excellent expansion potential.

**Slope:**

Both Sites 1 and 2 have average slopes of 1% to 3%.

**Site Shape:**

Site 1 is generally rectangular. Site 2 allows custom configuration into an exact rectangle as wished.

**Industrial and Agricultural Nuisances:**

Both sites are surrounded by the Lihue/Puhi Project which will be residential, golf and support commercial uses.

**General Soils Stability for Foundations:**

Both Sites 1 and 2 have a good rating, with soils suitable for building construction. Site 1 has a soils report available, and Site 2 soils should be identical.

**Soil Shrink-Swell Potential:**

Both Sites 1 and 2 have a "good" rating, with soils suitable for building construction. Site 1 has a soils report available, and Site 2 soils should be identical.

**Soil Depth for Site Work:**

Both Sites 1 and 2 have soils in excess of 25 feet deep.

**Natural Beauty:**

Like all sites which were canefields, both Sites 1 and 2 have few features on the ground itself. However, the depth of soil and the distinctive

mountain and ocean views create Sites of great beauty. With proper landscaping, both sites can be very attractively developed.

### **Roadways & Utilities**

#### **Adequacy of Roadways:**

Both Sites 1 and 2 have or will have adequate roadways. Site 2, in particular, will have good access from the Highway with a traffic-signal controlled intersection. Compared to other, congested areas of Lihue which are not served by a new, expanded road system including traffic lights, the Grove Farm area is superior. Further, in addition to measuring travel time from government offices in Lihue, travel for the citizen-users of the complex should be considered. Grove Farm's planned Lihue Puhi Project is underway and will include approximately 1690 units adjacent to Kukui Grove. The centroid of Kauai population is, in fact, moving west toward the Kukui Grove area.

#### **Adequacy of Water Service:**

While water is currently a serious problem in all of Lihue, Site 1 has a full water allocation and Site 2 can be allocated water from other Grove Farm projects. Virtually no other site has this problem solved.

#### **Adequacy of Sewer Service:**

The existing Grove Farm sewer plant has adequate capacity to serve not only Kukui Grove Village West, but considerably more area as well. Further, Grove Farm has received additional zoning and is in the process of constructing a new sewage treatment plant (STP) which will greatly increase our treatment capacity, certainly sufficient to handle the proposed Judiciary Complex. The rates for the new plant will be regulated by the PUC.

#### **Adequacy of Drainage Facilities:**

Site 1 has a fully approved drainage system already in place. Site 2 will be serviced by a similar system.

#### **Adequacy of Power and Communications:**

Site 1 is fully served by power and telephone, both of which are underground. Site 2 will be serviced by a similar system.

### **Accessibility:**

#### **Pedestrian Access:**

Site 1 is served by existing sidewalks around the entire property. Site 2 will be similarly served.

#### **Automobile Access:**

Both Sites 1 and 2 have or will have adequate roadways. Site 2, in particular, will have good access from the Highway with a traffic-signal controlled intersection.

#### **Bus Service:**

County bus service currently serves Kukui Grove. It is expected to be expanded to Site 2.



**Community Criteria:**

**State Land Use District:**

Site 1 is Urban. Site 2 is Agricultural, but incrementally planned for Urban Districting by the Land Use Commission, as part of the Lihue/Puhi Project.

**County General Plan:**

Site 1 and 2 are Urban Mixed Use.

**County Zoning Designation:**

Site 1 is General Commercial. Site 2 is Agricultural, but incrementally planned for General Commercial by the County of Kauai, as part of the Lihue/Puhi Project.

**Community Effects:**

**Existing Use and Displacement:**

Site 1 is a vacant, fully served commercial site ready for occupancy. Site 2 is in sugar cane, which will be removed and not replanted.

**Interference with Institutions:**

Sites 1 and 2 are close to a planned school site, but across a major street. No negative impact is expected.

**Surrounding Land Use:**

Site 1 is appropriate, with office uses being established in the immediate vicinity. Site 2 will have a similar character.

**Land Ownership:**

Both Sites 1 and 2 are owned by Grove Farm, which is a motivated Owner with a history of strong support for State government institutions (e.g. Kauai Community College).

**Proximity to Major Population Activity & Commercial Centers:**

Kukui Grove is the major commercial center on Kauai. The Population growth will occur around Kukui Grove.

**Relation to Judicial Support Activities:**

Both Sites 1 and 2 are within 1.0 miles of the majority of Kauai's government offices. The police station is planned to be moved closer to these sites.

**Relation to Private Law Offices and Attorneys:**

Currently, most private attorneys are near the existing Judicial Complex. Construction of the first major office building is nearly complete in Kukui Grove Village West and, should the proposed Judicial Complex locate there (Site 1) or in the adjacent Site 2, attorneys would relocate to the area. Other office buildings are being considered as well.

**Aesthetic Value:**

Both Sites 1 and 2 are planned for commercial-level development. Neither site will interfere with scenic vistas.

**Cost Considerations:**

**Site Acquisition:**

Sites 1 is commercial zoned, but the Owner wishes it to be considered without the assumption that Urban land is necessarily more expensive. Site 2 is Agriculturally zoned, but planned for future commercial, including infrastructure. Site 2 is preferred for this reason.

**Easement Acquisition:**

Sites 1 is fully served and no easements are needed. Site 2 will be fully served. In the meantime, easements would be a purchase condition from Grove Farm.

**Off-Site Improvements:**

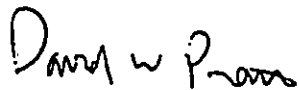
Only Sites 1 and 2 have or will have, in the immediate future, adequate sewerage and water. Major new infrastructure is planned and being constructed by Grove Farm for Site 2.

**On-Site Improvements:**

Site 1 is fully improved vacant land. Site 2 will have the same level of improvements. Both sites are conducive to building construction.

Based on the foregoing comments and our desire to accommodate the State's planned Judiciary Complex, we request every consideration be given to Sites 1 and 2. In terms of a long-range plan, they are clearly the best choices.

Sincerely,

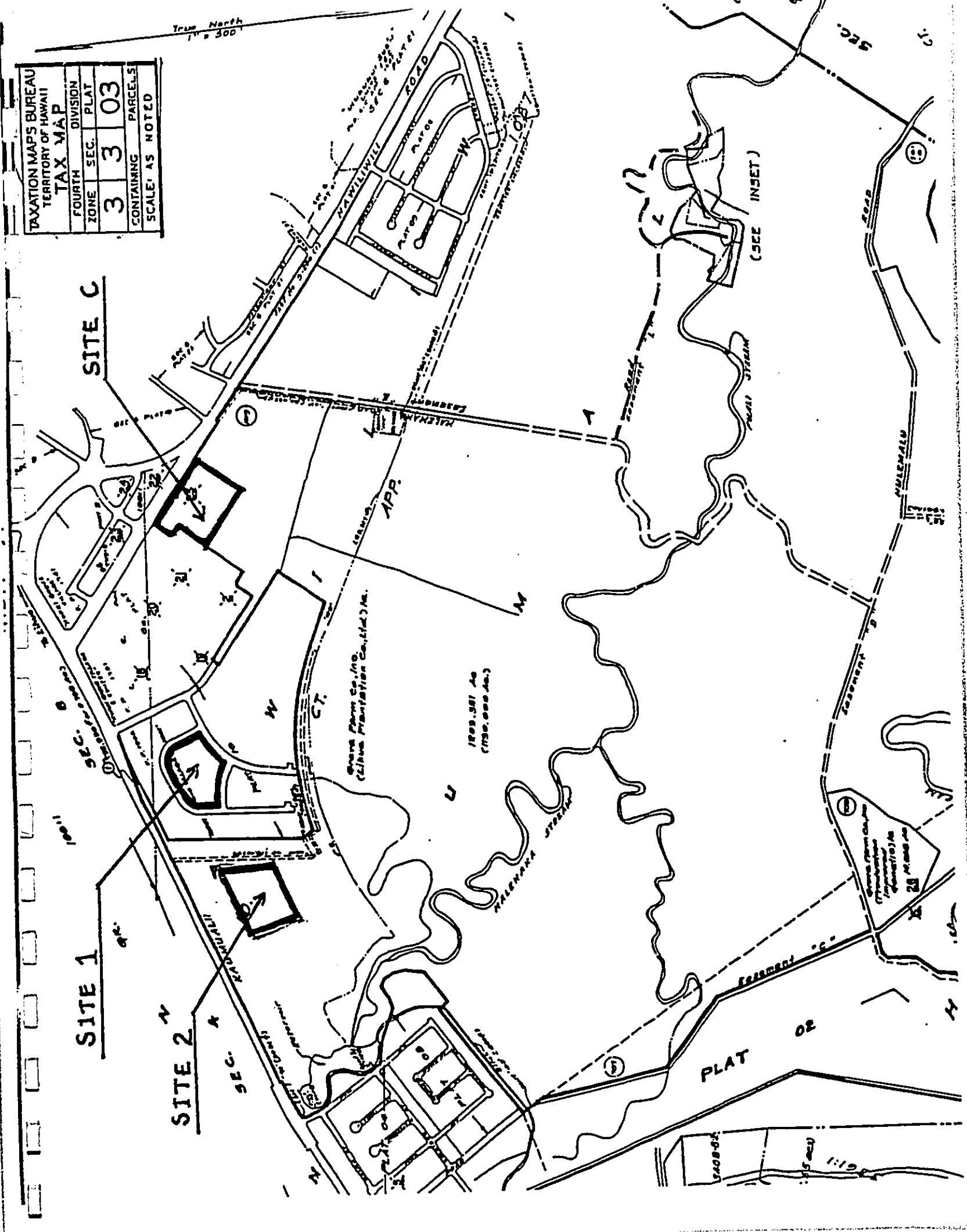


David W. Pratt, President  
Grove Farm Land Corp.

encl.

cc w/encl: Rep. Ezra Kanohe  
Rep. Bertha Kawakami  
Sen. Lehua Fernades-Salling  
Hon. Gerald Matsunaga  
Hon. George Masuoka  
Hon. Clifford Nakea  
Ralph Yukumoto (DAGS)  
Brian Choy (OEQC)  
Stanley Yim

TAXATION MAPS BUREAU TERRITORY OF HAWAII			
TAX MAP			
FOURTH	DIVISION	PLAT	
3	3	03	
CONTAINING PARCELS			
SCALE AS NOTED			



JOHN WAIHEE  
GOVERNOR



STATE OF HAWAII  
DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES  
P. O. BOX 119, HONOLULU, HAWAII 96810

RUSSEL S. NAGATA  
COMPTROLLER  
ROBERT P. TAKUSHI  
DEPUTY COMPTROLLER

LETTER NO. (P) 1241-2

MAR 20 1992

Mr. David W. Pratt, President  
Grove Farm Land Corporation  
3-2600 Ka'umualii Highway, Suite 3001  
Lihue, Kauai, Hawaii 96766

Dear Mr. Pratt:

Subject: Kauai Judiciary Complex  
Site Selection Study and  
Draft Environmental Impact Statement

In reply to your December 17, 1991 comments on the subject project, we provide the following responses:

1. SUMMARY

Your comments that Site C is zoned and planned for expansion of the Kukui Grove Shopping Center and that detailed planning continues is noted. This will be reflected in the Final Environmental Impact Statement (FEIS).

2. SEWERAGE

- a. Grove Farm Land's efforts to construct an expanded sewage treatment plant that can accommodate a Judiciary facility is noted and will be reflected in the FEIS.
- b. Although the Lihue Sewage Treatment Plant flows are currently at the plant's capacity, design of a plant expansion is ongoing.

3. ZONING AND SITE SELECTION METHODOLOGY

- a. Kukui Grove Village West's zoning and final subdivision approval will be noted in the FEIS.
- b. Land acquisition costs for each site were determined by their assessed values. No negotiations with potential landowners were attempted nor deemed to be desirable at this time.

- c. The Kauai Police Department's future location appears to be uncertain at this time. Therefore, inclusion of its relative location as a site selection item is not possible at this time.

4. DESCRIPTION OF SITE C

While the consultant did visit the Grove Farm site, the alternative accesses to Site C did erroneously describe Waa Road as a possible access. This will be corrected in the FEIS.

5. POPULATION, BUILDING SIZE, COST, AND DEVELOPMENT SCHEDULE

- a. Population projections were from sources we determined to be the most recent and accurate available. However we are aware that projections do not always coincide with the eventual population counts.
- b. The building spaces reflected in the DEIS are preliminary. Specific building spaces will be evaluated and decided during the design phase.
- c. There was no intent to show that differences in all land acquisition costs are primarily due to zoning considerations. We agree that total development costs must include costs of land acquisition, off-site and on-site improvements, easement acquisitions, building construction, etc.

We appreciate your input for this project. Your letter and this response will be appended to the FEIS.

Very truly yours,

  
RUSSELL S. WAGATA  
State Comptroller

1973 JUN 29

STATE OF HAWAII

DEPARTMENT OF LAND AND NATURAL RESOURCES

JOHN WAIHEE  
GOVERNOR OF HAWAII



STATE OF HAWAII  
DEPARTMENT OF LAND AND NATURAL RESOURCES  
STATE HISTORIC PRESERVATION DIVISION  
33 SOUTH KING STREET, 6TH FLOOR  
HONOLULU, HAWAII 96813

December 10, 1991

WILLIAM W. PATY, CHAIRPERSON  
BOARD OF LAND AND NATURAL RESOURCES

DEPUTIES

MANABU TAGOMORI  
DAN T. KOCHI

AQUACULTURE DEVELOPMENT  
PROGRAM  
AQUATIC RESOURCES  
CONSERVATION AND  
ENVIRONMENTAL AFFAIRS  
CONSERVATION AND  
RESOURCES ENFORCEMENT  
CONVEYANCES  
FORESTRY AND WILDLIFE  
HISTORIC PRESERVATION  
PROGRAM  
LAND MANAGEMENT  
STATE PARKS  
WATER RESOURCE MANAGEMENT

LOG NO.: 4252  
DOC NO.: 0105p

Dr. Bruce S. Anderson, Acting Director  
Office of Environmental Quality Control  
220 South King Street, 4th floor  
Honolulu, Hawaii 96813

Dear Dr. Anderson:

SUBJECT: Kauai Judiciary Complex

I am writing in response to the Kauai Judiciary Complex entry in the OEQC Bulletin of November 8th, 1991. Our office recommends that the proposal for the renovation of the present Judiciary Building be included in the draft EIS. The courthouse is part of the Lihue Civic Center Historic District and is listed in both the State and National Registers of Historic Places. We encourage renovation of the building in keeping with its historical character.

If you have any questions, please contact Daina Penkiunas at 587-0005.

Sincerely,

DON HIBBARD, Administrator  
State Historic Preservation Division

c: Ralph Yukamoto, DAGS  
Stanley Yim, Stanley Yim and Associates

DP:aal

JOHN WAIHEE  
GOVERNOR



STATE OF HAWAII  
DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES  
DIVISION OF PUBLIC WORKS

P. O. BOX 119, HONOLULU, HAWAII 96810

RUSSEL S. NAGATA  
COMPTROLLER

ROBERT P. TAKUSHI  
DEPUTY COMPTROLLER

LETTER NO. (P)1086.2

FEB 6 1992

Mr. Don Hibbard  
Administrator  
State Historic Preservation Division  
Department of Land and  
Natural Resources  
State of Hawaii  
Honolulu, Hawaii

Dear Mr. Hibbard:

Subject: Kauai Judiciary Complex  
Site Selection Study and  
Draft Environmental Impact Statement

Thank you for participating in the Environmental Impact Statement review process. This is to acknowledge receipt of your December 10, 1991 letter regarding the site selection and proposed improvements for a new Kauai Judiciary Complex.

The renovation of the present Judiciary Building is not a part of this Site Selection Report and Draft Environmental Impact Statement since the renovation work is beyond the scope of the report. However, we will revise the report to reflect that it is located in the Lihue Civic Center Historic District and is on both the State and National Registers of Historic Places and, at such time that renovation work is performed on the building, the design will meet the requirements of your agency.

We do appreciate your input for this project. Your letter and this response will be appended to the Final Environmental Impact Statement.

Very truly yours,

A handwritten signature in dark ink, appearing to read "Teuane Tominaga".

TEUANE TOMINAGA  
State Public Works Engineer

RY:jk

DHN WAIHEE  
GOVERNOR



BRIAN J. CHOY  
Director

**STATE OF HAWAII**  
**OFFICE OF ENVIRONMENTAL QUALITY CONTROL**  
220 SOUTH KING STREET  
FOURTH FLOOR  
HONOLULU, HAWAII 96813  
TELEPHONE (808) 586-4185

December 10, 1991.

Mr. Russell S. Nagata, Comptroller  
Department of Accounting and General Services  
1151 Punchbowl St.  
Honolulu, HI 96813

Subject: Site Selection Report and Environmental Impact Statement  
for the Kauai Judiciary Complex, Lihue, Hawaii.

Dear Mr. Nagata:

We have reviewed the above document and have no comments to offer  
at this time.

Sincerely,

*Brian J. Choy*  
Brian J.J. Choy  
Director

c: Stanley Yim & Associates  
Consulting Engineers  
2850 Paa Street  
Honolulu, Hawaii 96819

**RECEIVED**  
DEC 11 1991

STANLEY YIM & ASSOC. INC.



JOHN WAIHEE  
GOVERNOR



STATE OF HAWAII  
DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES  
DIVISION OF PUBLIC WORKS  
P. O. BOX 119, HONOLULU, HAWAII 96810

RUSSEL S. NAGATA  
COMPTROLLER  
ROBERT P. TAKUSHI  
DEPUTY COMPTROLLER

LETTER NO. (P)1090.2

FEB 6 1992

Mr. Brian J. J. Choy  
Director  
Office of Environmental  
Quality Control  
Central Pacific Plaza  
220 South King Street, 4th Floor  
Honolulu, Hawaii 96813

Dear Mr. Choy:

Subject: Kauai Judiciary Complex  
Site Selection Study and  
Draft Environmental Impact Statement

Thank you for participating in the Environmental Impact Statement review process. This is to acknowledge receipt of your December 10, 1991 letter regarding the site selection and proposed improvements for a new Kauai Judiciary Complex.

Your letter and this response will be appended to the Final Environmental Impact Statement.

Very truly yours,

A handwritten signature in dark ink, appearing to read "Teuane Tominaga".

TEUANE TOMINAGA  
State Public Works Engineer

RY:jk

*and copies to appropriate parties*

*FILE  
R*

UNITED STATES  
DEPARTMENT OF  
AGRICULTURE

SOIL  
CONSERVATION  
SERVICE

P. O. BOX 50004  
HONOLULU, HAWAII  
96850

December 9, 1991

RECEIVED

The Honorable John Waihee  
Governor, State of Hawaii  
c/o Office of Environmental Quality Control  
220 South King Street, 4th Floor  
Honolulu, Hawaii 96813

'91 DEC 13 P12:55

OFFICE OF ENVIRONMENTAL  
QUALITY CONTROL

Dear Governor Waihee:

Subject: Site Selection Report and Draft Environmental Impact  
Statement (DEIS)- Kauai Judiciary Complex, Lihue, HI

We have reviewed the Site Selection Report and the DEIS for the Kauai  
Judiciary Complex Project and would like to offer the following comments:

- 1) The DEIS does not adequately address the loss of Prime Agricultural  
Land that would occur from developing the various sites. We believe that  
the State of Hawaii should avoid any loss of Prime Agricultural Land.
- 2) We would hope to see more attention placed on the off-site storm water  
runoff impacts of this project. Although the candidate sites are not  
within the 500 year flood zone, the DEIS needs to address the potential for  
increased runoff and the provisions to handle that runoff. There is no  
reference to any storm runoff drainage systems or suitable outlets.

Thank you for the opportunity to comment on this document.

Sincerely,

*Warren M. Lee, Acting*

WARREN M. LEE  
State Conservationist

RECEIVED

DEC 15 1991

STANLEY YIM & ASSOC. INC.

JOHN WAIHEE  
GOVERNOR



STATE OF HAWAII  
DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES  
DIVISION OF PUBLIC WORKS  
P. O. BOX 119, HONOLULU, HAWAII 96810

RUSSEL S. NAGATA  
COMPTROLLER  
ROBERT P. TAKUSHI  
DEPUTY COMPTROLLER

LETTER NO. (P)1098.2

FEB 18 1992

Mr. Warren Lee  
State Conservationist  
Soil Conservation Service  
U. S. Department of Agriculture  
P. O. Box 50004  
Honolulu, Hawaii 96850

Dear Mr. Lee:

Subject: Kauai Judiciary Complex  
Site Selection Study and  
Draft Environmental Impact Statement

This is to acknowledge receipt of your December 9, 1991 letter regarding the proposed improvements and site selection for a new Kauai Judiciary Complex.

The dominant presence of agriculture lands in the study area makes it difficult to avoid negative impacts to and from agricultural operations. However, all of the agricultural sites have already been removed from production by the owners and they are masterplanning the sites for uses other than agricultural.

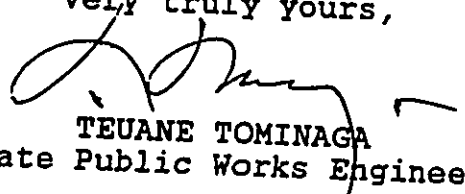
There are no major nor masterplanned drainage systems near any of the candidate sites into which the project can discharge. Most of the runoff near the airport area and around the Lihue area generally sheet flows to individual drainage systems that are not tied together. The various existing drainage systems either discharge into nearby gulches or drywells. Many are culverts crossing roadways. The project plans to maintain the existing drainage pattern as much as possible at the selected site and use drywells to handle the increase of flows caused by newly created hard surfaces such as new roofs and pavement areas. The specific details and extent of drainage system needed will be determined during the design phase of the project which follows the selection of a candidate site. At such time, more information can be developed for the particular site and layout to properly address drainage for the project.

Mr. Warren Lee  
Page 2

Ltr. No. (P)1098.2

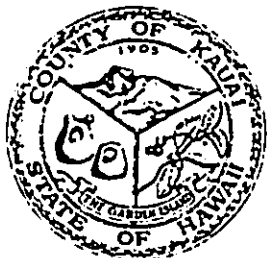
We appreciate your input for this project. Your letter and this response will be appended to the Final Environmental Impact Statement. Thank you for participating in the Environmental Impact Statement review process.

Very truly yours,

  
TEUANE TOMINAGA  
State Public Works Engineer

RY:jk

JOANN A. YUKIMURA  
MAYOR



STEVE OLIVER  
COUNTY ENGINEER  
TELEPHONE 245-3318

EDMOND P.K. RENAUD  
DEP. COUNTY ENGINEER  
TELEPHONE 245-3602

PW11.141

AN EQUAL OPPORTUNITY EMPLOYER  
COUNTY OF KAUAI  
DEPARTMENT OF PUBLIC WORKS  
3021 UMI STREET  
LIHUE, KAUAI, HAWAII 96766  
December 5, 1991

Honorable John Waihee  
Governor, State of Hawaii  
c/o Office of Environmental Quality Control  
220 South King Street 4th Floor  
Honolulu, HI 96813

Dear Governor Waihee:

RE: SITE SELECTION REPORT AND ENVIRONMENTAL IMPACT  
STATEMENT FOR THE KAUAI JUDICIARY COMPLEX

Thank you for the opportunity to comment on subject document.  
The following comments are offered:

1. Section III.D.2, Sewer System

- a. Paragraph 2 mentions the extension of sewer lines within the existing residential areas southwest of Sites A1, A2 and A3 to service those sites. It is questionable that the depth of the existing lines can facilitate a long extension.

AMFAC-JMB is currently in the process of developing a residential subdivision on the southside of Ahukini Road and almost directly across Site A1. If Site A1 is a serious contender for the judiciary site, discussions should be held with AMFAC-JMB to oversize and deepen the sewer lines for their subdivision.

From a sewer extension standpoint, Site A2 will be difficult and costly to serve.

- b. Paragraph 4 cites doubt that the Grove Farm Company will permit the State to connect Site C to Grove Farm's wastewater treatment plant. It is hard to believe that Grove Farm would exclude the area for Site C in sizing its new plant when that area is part of its development. While there may not be

Honorable John Waihee  
Governor, State of Hawaii  
December 5, 1991  
Page (2)

capacity in Grove Farm's present plant, we believe that the replacement plant currently being designed will have sufficient capacity for Site C.

- c. Nowhere in the report is there a mention on the amount of sewage that will be generated by the judiciary complex. While we are currently working on an expansion to our Lihue Wastewater Treatment Plant, much of the capacity will be earmarked for affordable housing projects. Thus, our ability to service the complex will be limited. We may also require sewer contributions for the plant expansion.

2. Section III.D.5 Drainage System

- a. Sites A2, B and B1 drain towards the Westin Kauai Hotel. Depending on the ability of the Westin Kauai's culvert system to convey increased runoff from development, mitigative measures to prevent overflows at Westin Kauai may be required for these sites.
- b. Site C drains towards the Nawiliwili Stream which is sensitive to increases in storm runoff. Thus, mitigative measures to maintain existing flow conditions may be required.

We trust that the above comments will assist you in the evaluation of the candidate sites. Please feel free to call my staff in the Engineering Division if you have questions on the above .

Very truly yours,



STEVE OLIVER  
County Engineer

KM

cc: OEQC  
DAGS  
Stanley Yim & Assoc.

JOHN WAIHEE  
GOVERNOR



STATE OF HAWAII  
DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES  
DIVISION OF PUBLIC WORKS  
P. O. BOX 119, HONOLULU, HAWAII 96810

RUSSEL S. NAGATA  
COMPTROLLER  
ROBERT P. TAKUSHI  
DEPUTY COMPTROLLER

LETTER NO. (P)1099.2

FEB 18 1992

Mr. Steve Oliver  
County Engineer  
Department of Public Works  
County of Kauai  
3021 Umi Street  
Lihue, Kauai, Hawaii 96766

Dear Mr. Oliver:

Subject: Kauai Judiciary Complex  
Site Selection Study and  
Draft Environmental Impact Statement

This is to acknowledge receipt of your December 5, 1991 letter regarding the site selection and proposed improvements for a new Kauai Judiciary Complex.

With regards to sewers, we will revise the report to include a statement pointing out the need for discussions with Amfac to oversize and deepen the sewer lines for their proposed subdivision should either Sites A1, A2 or A3 be a serious contender for the Judiciary site. We are aware Site A2 will be difficult and costly to serve. Tables I-2 and V-3 in the Draft Environmental Impact Statement already reflect this condition. As for Site C, we recognize it would be unlikely Grove Farm will exclude the site from their plant. We recently spoke with Grove Farm and they indicated they can provide for the new Judiciary building but at other sites west of Site C.

The quantity of sewage that could be generated from the new Judiciary complex is around 75,000 gallons per day. The basis for this amount is the sewer design criteria for a community business where a total population of 910 people based on 140 capita per acre and 6.5 acres is adopted. The average flow rate used is 80 gallons per capita day.

With regards to drainage, we recognize there are no major drainage systems to which any of the candidate sites can connect. The project plans to maintain the existing drainage pattern at the selected site and to use drywells to take care

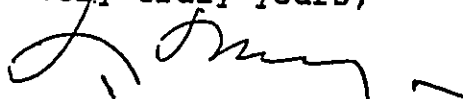
Mr. Steve Oliver  
Page 2

Ltr. No. (P)1099.2

of the increase in runoff quantity caused by the new roof and pavement surfaces. The specifics of the drainage work will be determined during the design phase which follows the selection of a candidate site. At that time, the drainage design and plans will be coordinated with, and submitted to your department for both input and approvals.

We appreciate your input for this project. Your letter and this response will be appended to the Final Environmental Impact Statement. Thank you for participating in the Environmental Impact Statement review process.

Very truly yours,



TEUANE TOMINAGA  
State Public Works Engineer

RY:jk



JOHN WAIHEE  
GOVERNOR



JOSEPH K. CONANT  
EXECUTIVE DIRECTOR

STATE OF HAWAII  
DEPARTMENT OF BUDGET AND FINANCE  
HOUSING FINANCE AND DEVELOPMENT CORPORATION  
SEVEN WATERFRONT PLAZA, SUITE 300  
500 ALA MOANA BOULEVARD  
HONOLULU, HAWAII 96813  
FAX (808) 587-0000

IN REPLY REFER TO:  
91:PPE/5297jt

December 5, 1991

TO: The Honorable John Waihee  
Governor, State of Hawaii  
c/o Office of Environmental Quality Control

FROM: *[Signature]*  
Joseph K. Conant  
Executive Director

SUBJECT: Draft EIS for the Proposed Kauai Judiciary Complex

Thank you for the opportunity to review the enclosed draft EIS.  
We have no comments to offer.

Enclosure

c: Ralph Yukumoto, DAGS  
✓Stanley Yim

JOHN WAIHEE  
GOVERNOR



STATE OF HAWAII  
DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES  
DIVISION OF PUBLIC WORKS

P. O. BOX 119, HONOLULU, HAWAII 96810

RUSSEL S. NAGATA  
COMPTROLLER  
ROBERT P. TAKUSHI  
DEPUTY COMPTROLLER

LETTER NO. (P)1089.2

FEB 6 1992

Mr. Joseph K. Conant  
Executive Director  
Housing Finance and  
Development Corporation  
Seven Waterfront Plaza, Suite 300  
500 Ala Moana Boulevard  
Honolulu, Hawaii 96813

Dear Mr. Conant:

Subject: Kauai Judiciary Complex  
Site Selection Study and  
Draft Environmental Impact Statement

Thank you for participating in the Environmental Impact Statement review process. This is to acknowledge receipt of your December 5, 1991 letter regarding the site selection and proposed improvements for a new Kauai Judiciary Complex.

Your letter and this response will be appended to the Final Environmental Impact Statement.

Very truly yours,

A handwritten signature in dark ink, appearing to read "Teuane Tominaga".

TEUANE TOMINAGA  
State Public Works Engineer

RY:jk



STATE OF HAWAII  
DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM  
LAND USE COMMISSION  
Room 104, Old Federal Building  
335 Merchant Street  
Honolulu, Hawaii 96813  
Telephone: 548-4611

December 4, 1991

Mr. Brian Choy, Director  
Office of Environmental  
Quality Control  
Central Pacific Plaza  
220 S. King Street, 4th Fl.  
Honolulu, Hawaii 96813

Dear Mr. Choy:

Subject: Kauai Judiciary Complex, Lihue, Kauai, TMK  
3-7-01: por. 1; 3-6-02: por. 2; 3-6-02: por. 1;  
3-3-03: por. 1

The Department of Business, Economic Development and Tourism has referred the Site Selection Report and Environmental Impact Statement (SSR & EIS) for the subject project to our office for response.

Based on our review of the SSR & EIS, we confirm that five of the six proposed sites, sites A1, A2, A3, B, and B1 as approximately shown on Figures 8, 9, and 10, are located in the State Land use Agricultural District. However, site C as approximately shown on Figures 8 and 11, is located in the State Land Use Urban District.

We also note that the process described as criteria number 4, on page IV-3 titled State Land Use District, is unclear and should be clarified. It is our understanding that a State Special Use Permit or boundary amendment would be necessary to develop the proposed project on any of the sites designated within the Agricultural District.

According to our records, we also find that the tax map key number reference for site A2 should be TMK No. 3-6-02: por. 1 rather than 3-6-02: 02. We also note that all sites involve only portions of the tax map key parcels cited in the report.

We have no further comments to offer at this time.

Mr. Brian Choy, Director  
December 4, 1991  
Page Two

Thank you for the opportunity to comment on this matter.  
If you have any questions, please call me or Steve Tagawa of my  
staff at 587-3822.

Sincerely,



ESTHER UEDA  
Executive Officer

EU:to

cc: ✓Stanley Yim  
DAGS  
DBED

JOHN WAIHEE  
GOVERNOR



STATE OF HAWAII  
DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES  
DIVISION OF PUBLIC WORKS

P. O. BOX 119, HONOLULU, HAWAII 96810

FEB 6 1992

RUSSEL S. NAGATA  
COMPTROLLER  
ROBERT P. TAKUSHI  
DEPUTY COMPTROLLER

LETTER NO. (P)1094.2

Ms. Esther Ueda  
Executive Officer  
Land Use Commission  
Department of Business,  
Economic Development and Tourism  
335 Merchant Street, Room 104  
Honolulu, Hawaii 96813

Dear Ms. Ueda:

Subject: Kauai Judiciary Complex  
Site Selection Study and  
Draft Environmental Impact Statement


Thank you for participating in the Environmental Impact Statement review process. This is to acknowledge receipt of your December 4, 1991 letter regarding the site selection and proposed improvements for a new Kauai Judiciary Complex.

With regards to Criteria Number 4 on Page IV-3 of the Draft Environmental Impact Statement, the Kauai Planning Department's Comprehensive Zoning Ordinance will allow public facilities to be built under the Special Treatment District for Public Facilities (ST-P). However, as a condition to this Special Permit approval, the State must acquire a State Land Use and General Plan Change within six months after applying for the Special Permit. This condition of approval will be added to the Final Environmental Impact Statement.

The tax map key for Site A2 will be changed to TMK 3-06-02:por. 1.

Your letter and this response will be appended to the Final Environmental Impact Statement.

Very truly yours,

  
TEUANE TOMINAGA  
State Public Works Engineer

RY:jk

JOHN WAIHEE  
GOVERNOR



STATE OF HAWAII  
DEPARTMENT OF DEFENSE  
OFFICE OF THE ADJUTANT GENERAL  
3949 DIAMOND HEAD ROAD, HONOLULU, HAWAII 96816-4495

EDWARD V. RICHARDSON  
MAJOR GENERAL  
ADJUTANT GENERAL

MYLES M. NAKATSU  
COLONEL  
DEPUTY ADJUTANT GENERAL

December 4, 1991

Engineering Office

Mr. Ralph Yukumoto  
Department of Accounting & General Services  
1151 Punchbowl Street, #430  
Honolulu, Hawaii 96813

Subject: Environmental Impact Statement - Kauai Judiciary Complex

Dear Mr. Yukumoto:

Thank you for providing us the opportunity to review the above mentioned Draft Environmental Impact Statement.

We have no comments to offer at this time regarding the project.

Sincerely,

A handwritten signature in cursive script that reads "Jerry M. Matsuda".

Jerry M. Matsuda  
Lieutenant Colonel  
Hawaii Air National Guard  
Contracting and Engineering Officer

Enc.

✓c: Stanley Yim & Associates

RECEIVED

DEC 5 1991

STANLEY YIM & ASSOC. INC.

JOHN WAIHEE  
GOVERNOR



STATE OF HAWAII  
DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES  
DIVISION OF PUBLIC WORKS  
P. O. BOX 119, HONOLULU, HAWAII 96810

RUSSEL S. NAGATA  
COMPTROLLER  
ROBERT P. TAKUSHI  
DEPUTY COMPTROLLER

LETTER NO. (P)1091.2

FEB 6 1992

Lt. Colonel Jerry M. Matsuda  
Contracting and Engineering Officer  
Office of the Adjutant General  
Department of Defense  
State of Hawaii  
Honolulu, Hawaii


Dear Lt. Colonel Matsuda:

Subject: Kauai Judiciary Complex  
Site Selection Study and  
Draft Environmental Impact Statement

Thank you for participating in the Environmental Impact Statement review process. This is to acknowledge receipt of your December 4, 1991 letter regarding the site selection and proposed improvements for a new Kauai Judiciary complex.

Your letter and this response will be appended to the Final Environmental Impact Statement.

Very truly yours,

  
TEUANE TOMINAGA  
State Public Works Engineer

RY:jk

# DEPARTMENT OF WATER

COUNTY OF KAUAI  
P.O. BOX 1706  
LIHUE, HAWAII 96766-5706  
FAX NO. 245-5813

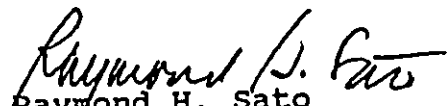
November 27, 1991

Governor, State of Hawaii  
c/o Office of Environmental Quality Control  
220 South King Street, 4th Floor  
Honolulu, HI 96813

Re: Kauai Judiciary Complex

We reviewed the Site Selection Report and the Environmental Impact Statement for the Kauai Judiciary Complex and have no comments to offer at this time.

Thank you for the opportunity to comment.

  
Raymond H. Sato  
Manager and Chief Engineer

WH:rm

- cc: 1. Dept. of Accounting & General Services  
1151 Punchbowl Street #430  
Honolulu, HI 96813
- ✓ 2. Stanley Yim & Associates  
2850 Paa Street  
Honolulu, HI 96819

RECEIVED

DEC 3 1991

STANLEY YIM & ASSOC. INC.



JOHN WAIHEE  
GOVERNOR



STATE OF HAWAII  
DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES  
DIVISION OF PUBLIC WORKS  
P. O. BOX 119, HONOLULU, HAWAII 96810

RUSSEL S. NAGATA  
COMPTROLLER  
ROBERT P. TAKUSHI  
DEPUTY COMPTROLLER

LETTER NO. (P)1092.2

FEB 6 1992

Mr. Raymond H. Sato  
Manager and Chief Engineer  
Department of Water  
County of Kauai  
P. O. Box 1706  
Lihue, Hawaii 96766-5706

Dear Mr. Sato:

Subject: Kauai Judiciary Complex  
Site Selection Study and  
Draft Environmental Impact Statement

Thank you for participating in the Environmental Impact Statement review process. This is to acknowledge receipt of your November 27, 1991 letter regarding the site selection and proposed improvements for a new Kauai Judiciary Complex.

Your letter and this response will be appended to the Final Environmental Impact Statement.

Very truly yours,

A handwritten signature in black ink, appearing to read "Teuane Tominaga", written over a horizontal line.

TEUANE TOMINAGA  
State Public Works Engineer

RY:jk



DEPARTMENT OF THE NAVY  
COMMANDER  
NAVAL BASE PEARL HARBOR  
BOX 110  
PEARL HARBOR, HAWAII 96860-5020

IN REPLY REFER TO:  
11011  
Ser 00F2/3042  
19 NOV 1991

State of Hawaii  
Office of Environmental Quality Control  
220 South King Street, 4th Floor  
Honolulu, Hawaii 96813

Gentlemen:

KAUAI JUDICIARY COMPLEX

We have reviewed the subject DEIS and have no comments to offer. Since we have no further use for the DEIS, it being returned to your office.

Thank you for the opportunity to review the draft.

Sincerely,

W. K. LIU  
Assistant Base Civil Engineer  
By direction of  
the Commander

Enclosure

Copy to:  
DAGS  
(Mr. Ralph Yukumoto)  
Stanley Yim & Associates ←

RECEIVED

NOV 21 1991

STANLEY YIM & ASSOC. INC.

JOHN WAIHEE  
GOVERNOR



STATE OF HAWAII  
DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES  
DIVISION OF PUBLIC WORKS  
P. O. BOX 119, HONOLULU, HAWAII 96810

RUSSEL S. NAGATA  
COMPTROLLER  
ROBERT P. TAKUSHI  
DEPUTY COMPTROLLER

LETTER NO. (P)1093.2

FEB 6 1992

Mr. W. K. Liu  
Assistant Base Engineer  
Department of the Navy  
Commander, Naval Base, Pearl Harbor  
P. O. Box 110  
Pearl Harbor, Hawaii 96860-5020

Dear Mr. Liu:

Subject: Kauai Judiciary Complex  
Site Selection Study and  
Draft Environmental Impact Statement

Thank you for participating in the Environmental Impact Statement review process. This is to acknowledge receipt of your November 19, 1991 letter regarding the site selection and proposed improvements for a new Kauai Judiciary Complex.

Your letter and this response will be appended to the Final Environmental Impact Statement.

Very truly yours,

A handwritten signature in cursive script, appearing to read "Teuane Tominaga".

TEUANE TOMINAGA  
State Public Works Engineer

RY:jk

**XIV. ADDENDUM CONSULTATION PHASE**

**XIV. ADDENDUM CONSULTATION PHASE:**

**COMMENTS AND RESPONSES**

The following agencies, organizations, and individuals provided comments to the Addendum to the Site Selection Report and Draft Environmental Impact Statement for the Kauai Judiciary Complex. A total of sixteen (16) letters of response were received.

An asterisk (\*) indicates those letters with comments which required substantive responses. The comment and response letters are reproduced in this section. Letters not requiring substantive responses are also reproduced in this section.

**A. Federal Agencies**

1. Department of the Army, US Army Engineer District, Honolulu
2. Department of the Navy, Commander, Naval Base, Pearl Harbor
3. US Department of Agriculture, Soil Conservation Service

**B. State Agencies**

- \* 1. University of Hawaii at Manoa, Environmental Center
- 2. Dept of Land & Natural Resources
- 3. Office of Environmental Quality Control
- 4. Dept of Budget & Finance, Housing Finance & Development Corporation
- 5. Dept of Business, Economic Development & Tourism, Land Use Commission
- 6. Dept of Business, Economic Development & Tourism, Energy Division
- 7. Dept of Defense, Office of the Adjutant General
- 8. Dept of Transportation
- 9. The Judiciary
- 10. Dept of Health

**C. County Agencies**

1. Dept of Public Works
2. Dept of Water Supply

**D. Organizations and Individuals**

1. Grove Farm Land Corporation

*memo in file re appropriate parties*

*1/14  
B*

JOHN WAIHEE  
GOVERNOR OF HAWAII



JOHN C. LEWIN, M.D.  
DIRECTOR OF HEALTH

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

In reply, please refer to:

May 19, 1992

92-425/epo

'92 MAY 22 AM 10:07

TO: The Honorable John Waihee  
Governor, State of Hawaii  
c/o Director, Office of Environmental Quality Control  
220 South King Street, 4th Floor  
Honolulu, Hawaii 96813

FROM: *John C. Lewin*  
John C. Lewin, M.D.  
Director of Health

SUBJECT: Addendum to the Site Selection Report and Environmental  
Impact Statement (EIS), Kauai Judiciary Complex  
Lihue, Kauai, Hawaii  
TMK: 3-7-01:01, 3-6-02:02, 3-6-02:01, 3-3-03:01

Thank you for allowing us to review and comment on the subject document. In addition to the comments that we made in our memo dated December 30, 1991 on the first Site Selection Report and EIS, we have the following additional comments to offer:

We recommend that the development connect to the existing sewer system at Lihue Sewage Treatment Plant or the existing Grove Farm Sewage Treatment Plant. The developer should work closely with the County to assure the availability of additional treatment capacity and adequacy for connection of the project to one of the existing treatment plants. Non-availability will not be an acceptable justification for use of any private treatment works.

If you should have any questions, please contact Ms. Lori Kajiwarra of the Wastewater Branch at 586-4290.

c: Ralph Yukumoto, DAGS  
/Stanley Yim, Stanley Yim & Associates

SENT BY:DAGS

; 6- 4-92 ; 4:21PM ;

PLANNING BRANCH→

8088334764:# 1

JOHN WAIHEE  
GOVERNOR



STATE OF HAWAII  
DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES  
P. O. BOX 119, HONOLULU, HAWAII 96810

RUSSEL S. NAGATA  
COMPTROLLER

ROBERT P. TAKUSHI  
DEPUTY COMPTROLLER

LETTER NO. (P)1534.2

JUN 4 1992

Honorable John Lewin  
Director  
Department of Health  
State of Hawaii  
Honolulu, Hawaii

Dear Dr. Lewin:

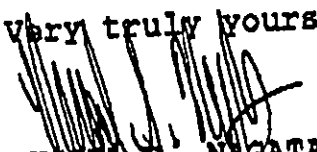
Subject: Kauai Judiciary Complex  
Addendum to the Site Selection Report  
and Draft Environmental Impact Statement

This is to acknowledge receipt of your May 19, 1992 letter presenting the department's comments as a result of your staff's review of the Addendum Report for the proposed Kauai Judiciary Complex.

The choice of sewer system alternatives will depend on usable capacities in either of the sewer systems available to the project and will be finalized during the project's design phase.

Your letter and this response will be appended to the Final Environmental Impact Statement. Thank you for participating in the Environmental Impact Statement review process.

Very truly yours,

  
RUSSEL S. NAGATA  
State Comptroller



RECEIVED

MAY 9 1992

University of Hawaii at Manoa **STANLEY YIM & ASSOC. INC.**

Environmental Center  
A Unit of Water Resources Research Center  
Crawford 317 • 2550 Campus Road • Honolulu, Hawaii 96822  
Telephone: (800) 956-7361

May 7, 1992  
RE: 0604

Governor, State of Hawai'i  
c/o Office of Environmental Quality Control  
220 South King Street, 4th Floor  
Honolulu, Hawai'i 96813

Dear Governor Waihe'e:

Draft Environmental Impact Statement Addendum  
Kaua'i Judiciary Complex  
Lihue, Kaua'i

This addendum is prepared to supplement the previous Site Selection Report and Environmental Impact Statement in response to Grove Farm Land corporation offering an alternative site to Site C, as contained in those documents.

The Environmental Center has reviewed the above mentioned project with the assistance of Peter Flachsbart and Kem Lowry; Urban and Regional Planning; and Alex Buttaro; Environmental Center.

This document appears adequate in many respects, however, we note that the following statements may be inappropriate to the EIS process,

the EISPN and DEIS phases of the process for the site selection report and environmental impact statement have already been finished. The 45 day review period has ended, comments were received during the review period, and responses to the comments have already been distributed (Addendum Report, page i).

These statements appear to discourage the public from commenting, thus circumventing the purpose of the DEIS phase of the EIS process. We note that while it may be acceptable to publish only the new information due to budgetary considerations, public input with regard to the new information should be encouraged, not discouraged.

In addition, pursuant to Title 11, Section 11-200-26 of DOH Administrative Rules, if there is any major change in the project's size, scope, location and timing, the original statement shall no longer be



Governor, State of Hawaii  
May 7, 1992  
Page 2

completely valid because an essentially different action would be under consideration. Because site selection is a major component of this document, it would appear that the addition of a new alternative site warrants implementation of procedures specified under the referenced EIS Rules. Why was an Addendum, rather than an SEIS submitted in the attempted fulfillment of this requirement?

Thank you for the opportunity to comment on this document and we hope our comments are helpful.

Sincerely,

  
John T. Harrison, Ph.D.  
Environmental Coordinator

cc: OEQC  
Ralph Yukamoto, DAGS  
Stanly Yim, Stanly Yim & Associates, Inc.  
Roger Fujioka  
Peter Flashbart  
Kem Lowry  
Alex Buttaro

JOHN WAINEE  
GOVERNOR



STATE OF HAWAII  
DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES  
DIVISION OF PUBLIC WORKS  
P. O. BOX 119, HONOLULU, HAWAII 96810

RUSSEL S. NAGATA  
COMPTROLLER  
ROBERT P. TAKUSHI  
DEPUTY COMPTROLLER

LETTER NO. (P)1521.2

JUN 3 1992

Dr. John T. Harrison  
Environmental Center  
University of Hawaii at Manoa  
2550 Campus Road, Crawford 317  
Honolulu, Hawaii 96822

Dear Dr. Harrison:

Subject: Kauai Judiciary Complex  
Addendum to the Site Selection Report  
and Draft Environmental Impact Statement (DEIS)

This is in response to your May 7, 1992 letter regarding the subject project's Addendum Report. Our replies to the concerns identified in your review of the aforementioned document are as follows:

1. Inappropriateness of the two sentences on Page i.

The purpose of these two sentences, which appeared in the opening paragraph of the Addendum Report, was to summarize for the reviewer the project's status within the EIS process. It was not our intent to discourage any reviewer from commenting on the Addendum. We are confident that the transmittal letter (OEQC Form #91-2) that accompanied all of the distributed reports clarified the request for comments.

2. Major change in location requiring a supplemental DEIS.

The Addendum to the DEIS was prepared in lieu of a supplemental DEIS in order to better focus the additional site's environmental impacts. Otherwise, preparation of a supplemental EIS could have had the effect of "burying" the information pertaining to the additional site, thus requiring the reviewer to separate the "new" information from the "old." As a result, we concluded that the additional effort to

Dr. John T. Harrison  
Page 2

Ltr. No. (P)1521.2

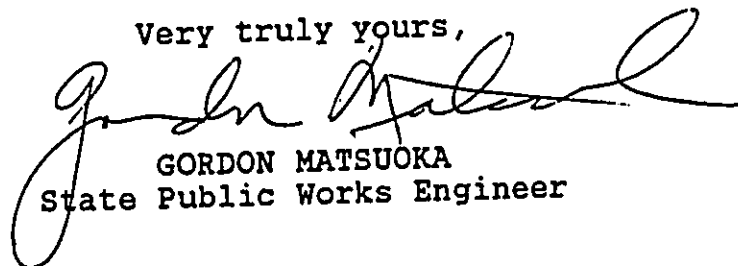
prepare a supplemental EIS was not deemed to be worth the time and cost to be expended. Consultations with the Office of Environmental Quality Control were held prior to deciding on the aforementioned course of action.

As a follow up to subsequent consultations with the Office of Environmental Quality Control after filing the subject Addendum, the Final EIS will include the following:

1. A single, bound report that will incorporate within the text of the original Draft EIS, all information now contained in the Addendum.
2. A preface that will describe the chronological order of the project's submittals.

Your letter and this response will be appended to the Final Environmental Impact Statement. Thank you for participating in the Environmental Impact Statement review process.

Very truly yours,



GORDON MATSUOKA  
State Public Works Engineer

RY:jk



Office of the Administrative Director of the Courts  
The Judiciary • State of Hawaii

Post Office Box 2560 Honolulu, Hawaii 96804

## MEMORANDUM

DATE: May 5, 1992

TO: OFFICE OF ENVIRONMENTAL QUALITY CONTROL  
220 South King Street, Fourth Floor  
Honolulu, Hawaii 96813

FROM: Dr. Irwin I. Tanaka *Tanaka*  
Administrative Director of the Courts

SUBJECT: Addendum to the Site Selection Report and  
Final Environmental Impact Statement for the  
Kauai Judiciary Complex, dated March 5, 1992,  
by DAGS and Stanley Yim and Associates, Inc.,  
Consulting Engineers.

Thank you for the opportunity to comment on the subject addendum report. We have reviewed the report and are in general concurrence with the findings presented. We welcome the inclusion of an additional site, designated in the report as Site C2, for consideration in the site selection process for the project.

Thank you for your assistance on the Judiciary's behalf with respect to this project. If you should require any further information, please feel free to contact Clyde Namuo, Deputy Administrative Director, at 548-1280.

cc: Ralph Yukumoto,  
DAGS-Public Works/Planning Branch

Stanley G.H. Yim, P.E.,  
Stanley Yim and Associates, Inc.,  
Consulting Engineers

RECEIVED

MAY 9 1992

STANLEY YIM & ASSOC. INC.

Judiciary

JOHN WAIHEE  
GOVERNOR



STATE OF HAWAII  
DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES  
DIVISION OF PUBLIC WORKS  
P. O. BOX 119, HONOLULU, HAWAII 96810

RUSSEL S. NAGATA  
COMPTROLLER  
ROBERT P. TAKUSHI  
DEPUTY COMPTROLLER

LETTER NO. (P)1490.2

MAY 27 1992

Dr. Irwin Tanaka  
Administrative Director  
of the Courts  
The Judiciary  
State of Hawaii  
Honolulu, Hawaii

Dear Dr. Tanaka:

Subject: Kauai Judiciary Complex  
Addendum to the Site Selection Report  
and Draft Environmental Impact Statement

This is to acknowledge receipt of your May 5, 1992 letter regarding the Addendum Report for the new Kauai Judiciary Complex.

Your letter and this response will be appended to the Final Environmental Impact Statement. Thank you for participating in the Environmental Impact Statement review process.

Very truly yours,

A handwritten signature in cursive script, appearing to read "Gordon Matsuoka".  
GORDON MATSUOKA  
State Public Works Engineer

RY:jk

and copies to appropriate parties

4/16  
R

JOHN WAIHEE  
GOVERNOR



State Messages

JOSEPH K. CONANT  
EXECUTIVE DIRECTOR

STATE OF HAWAII  
DEPARTMENT OF BUDGET AND FINANCE  
HOUSING FINANCE AND DEVELOPMENT CORPORATION

IN REPLY REFER TO:

SEVEN WATERFRONT PLAZA, SUITE 303  
500 ALA MOANA BOULEVARD  
HONOLULU, HAWAII 96813  
FAX (808) 543-0847 587-0600


92: PPE/1822jt

'92 MAY -6 P1:56

May 4, 1992

OFFICE OF ENVIRONMENTAL  
QUALITY CONTROL

TO: Governor, State of Hawaii  
c/o Office of Environmental Quality Control

FROM:   
Joseph K. Conant  
Executive Director

SUBJECT: Addendum to the Site Selection Report and Final EIS  
for the Kauai Judiciary Complex

Thank you for the opportunity to review the subject report. We have no comments to offer.

c: Ralph Yukumoto, DAGS  
Stanley Yim, Stanley Yim & Associates, Inc.

RECEIVED

MAY 8 1992

STANLEY YIM & ASSOC. INC.

JOHN WAIHEE  
GOVERNOR



STATE OF HAWAII  
DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES  
DIVISION OF PUBLIC WORKS

P. O. BOX 119, HONOLULU, HAWAII 96810

RUSSEL S. NAGATA  
COMPTROLLER  
ROBERT P. TAKUSHI  
DEPUTY COMPTROLLER

LETTER NO. (P)1491.2

MAY 28 1992

Mr. Joseph K. Conant  
Executive Director  
Housing Finance and  
Development Corporation  
Seven Waterfront Plaza, Suite 300  
500 Ala Moana Boulevard  
Honolulu, Hawaii 96813

Dear Mr. Conant:

Subject: Kauai Judiciary Complex  
Addendum to the Site Selection Report  
and Draft Environmental Impact Statement

This is to acknowledge receipt of your May 4, 1992 letter indicating the department has no comments to offer at this time with regards to the Addendum Report for the proposed Kauai Judiciary Complex.

Your letter and this response will be appended to the Final Environmental Impact Statement. Thank you for participating in the Environmental Impact Statement review process.

Very truly yours,

A handwritten signature in cursive script, appearing to read "Gordon Matsuoka".

GORDON MATSUOKA  
State Public Works Engineer

RY:jk

UNITED STATES  
DEPARTMENT OF  
AGRICULTURE

SOIL  
CONSERVATION  
SERVICE

P. O. BOX 50004  
HONOLULU, HAWAII  
96850

May 7, 1992

The Honorable John Waihee  
Governor, State of Hawaii  
c/o Office of Environmental Quality Control  
220 South King Street, 4th Floor  
Honolulu, Hawaii 96813

Dear Governor Waihee:

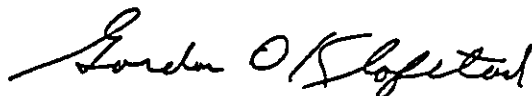
Subject: Addendum to the Site Selection Report and Final Environmental  
Impact Statement (EIS) for the Kauai Judiciary Complex -  
Lihue, Kauai, Hawaii

We have reviewed the Addendum to the Site Selection Report and the Final  
EIS for the Kauai Judiciary Complex Project and would like to reiterate our  
position on the protection of prime agricultural lands.

We believe that the State of Hawaii should do everything it can to retain  
prime agricultural lands for agricultural uses.

Thank you for the opportunity to review and comment on this document.

Sincerely,



WARREN M. LEE  
*Acting* State Conservationist

cc:

Mr. Ralph Yukumoto, Department of Accounting & General Services, 1151  
Punchbowl Street, Room 430, Honolulu, Hawaii 96813

✓ Mr. Stanley G.H. Yim, PE, Stanley Yim & Associates, Inc., 2850 Paa Street,  
Suite 200, Honolulu, Hawaii 96819

RECEIVED

MAY 8 1992

STANLEY YIM & ASSOC. INC.



JOHN WAIHEE  
GOVERNOR



STATE OF HAWAII  
DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES  
DIVISION OF PUBLIC WORKS  
P. O. BOX 119, HONOLULU, HAWAII 96810

RUSSEL S. NAGATA  
COMPTROLLER  
ROBERT P. TAKUSHI  
DEPUTY COMPTROLLER

LETTER NO. (P)1492.2

MAY 27 1992

Mr. Warren M. Lee  
State Conservationist  
Soil Conservation Service  
U. S. Department of Agriculture  
P. O. Box 50004  
Honolulu, Hawaii 96850

Dear Mr. Lee:

Subject: Kauai Judiciary Complex  
Addendum to the Site Selection Report  
and Draft Environmental Impact Statement

This is to acknowledge receipt of your May 7, 1992 letter regarding the Addendum Report for the proposed Kauai Judiciary Complex

While the State agrees that prime agricultural lands should be retained for agricultural uses, all of the agricultural sites involved in the Site Selection Study have either been removed, or will soon be removed, from production by the owners and they are masterplanning the sites for uses other than agricultural.

Your letter and this response will be appended to the Final Environmental Impact Statement. Thank you for participating in the Environmental Impact Statement review process.

Very truly yours,

A handwritten signature in cursive script, appearing to read "Gordon Matsuoka".  
GORDON MATSUOKA  
State Public Works Engineer

RY: jk



DEPARTMENT OF THE NAVY  
COMMANDER  
NAVAL BASE PEARL HARBOR  
BOX 110  
PEARL HARBOR, HAWAII 96860-5020

IN REPLY REFER TO

11011  
Ser 00F2/1746  
01 MAY 1992

State of Hawaii  
Office of Environmental Quality Control  
220 South King Street, 4th Floor  
Honolulu, HI 96813

Gentlemen:

KAUAI JUDICIARY COMPLEX

We have reviewed the subject DEIS and have no comments to offer. Since we have no further use for the DEIS, it being returned to your office.

Thank you for the opportunity to review the draft.

Sincerely,

W. K. LIU  
Assistant Base Civil Engineer  
By direction of  
the Commander

Enclosure

Copy to: (w/o encl)  
Dept of Acctg & Gen Svcs  
(Mr. Ralph Yukumoto)  
Stanley Yim & Assoc., Inc. ←

RECEIVED

MAY 6 1992

STANLEY YIM & ASSOC. INC.

JOHN WAIHEE  
GOVERNOR



STATE OF HAWAII  
DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES  
DIVISION OF PUBLIC WORKS  
P. O. BOX 119, HONOLULU, HAWAII 96810

RUSSEL S. NAGATA  
COMPTROLLER  
ROBERT P. TAKUSHI  
DEPUTY COMPTROLLER

LETTER NO. (P)1493.2

MAY 27 1992

Mr. W. K. Liu  
Assistant Base Engineer  
Department of the Navy  
Commander, Naval Base, Pearl Harbor  
P. O. Box 110  
Pearl Harbor, Hawaii 96860-5020

Dear Mr. Liu:

Subject: Kauai Judiciary Complex  
Addendum to the Site Selection Report  
and Draft Environmental Impact Statement

This is to acknowledge receipt of your May 1, 1992 letter regarding the Addendum Report for the proposed Kauai Judiciary Complex.

Your letter and this response will be appended to the Final Environmental Impact Statement. Thank you for participating in the Environmental Impact Statement review process.

Very truly yours,

A handwritten signature in cursive script, appearing to read "Gordon Matsuoka".  
GORDON MATSUOKA  
State Public Works Engineer

RY:jk



DEPARTMENT OF THE ARMY  
U. S. ARMY ENGINEER DISTRICT, HONOLULU  
BUILDING 230  
FT. SHAFTER, HAWAII 96858-5440

May 1, 1992

REPLY TO  
ATTENTION OF:

Planning Division

Mr. Brian J. J. Choy, Director  
Office of Environmental Quality Control  
220 South King Street, Fourth Floor  
Honolulu, Hawaii 96813

Dear Mr. Choy:

We have reviewed the Addendum to the Site Selection Report and Final Environmental Impact Statement for the Kauai Judiciary Complex, Lihue, Kauai. The following comments are provided pursuant to Corps of Engineers authorities to disseminate flood hazard information under the Flood Control Act of 1960 and to issue Department of the Army (DA) permits under the Clean Water Act; the Rivers and Harbors Act of 1899; and the Marine Protection, Research and Sanctuaries Act.

- a. A DA permit is not required.
- b. The flood hazard information presented in the document is correct.

Sincerely,

*Isi Pelowski*

Kisuk Cheung, P.E.  
Director of Engineering

Copies Furnished:

State of Hawaii  
Department of Accounting and General Services  
Attention: Mr. Ralph Yukumoto  
1151 Punchbowl Street, Room 430  
Honolulu, Hawaii 96813

✓ Stanley Yim & Associates, Inc.  
Attention: Mr. Stanley G. H. Yim, P.E.  
2850 Paa Street, Suite 200  
Honolulu, Hawaii 96819

RECEIVED  
MAY 4 1992

STANLEY YIM & ASSOC. INC.

JOHN WAIHEE  
GOVERNOR



STATE OF HAWAII  
DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES  
DIVISION OF PUBLIC WORKS

P. O. BOX 119, HONOLULU, HAWAII 96810

RUSSEL S. NAGATA  
COMPTROLLER  
ROBERT P. TAKUSHI  
DEPUTY COMPTROLLER

LETTER NO. (P)1494.2

MAY 27 1992

Mr. Kisuk Cheung  
Director of Engineering  
Department of the Army  
U. S. Army Engineer District, Honolulu  
Fort Shafter, Building 230  
Honolulu, Hawaii 96858-5440

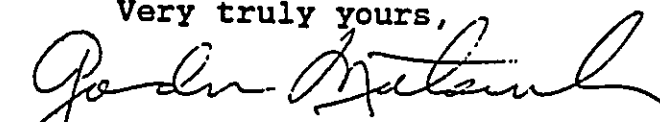
Dear Mr. Cheung:

Subject: Kauai Judiciary Complex  
Addendum to the Site Selection Report  
and Draft Environmental Impact Statement

This is to acknowledge receipt of your May 1, 1992 letter regarding the Addendum Report for the proposed Kauai Judiciary Complex.

Your letter and this response will be appended to the Final Environmental Impact Statement. Thank you for participating in the Environmental Impact Statement review process.

Very truly yours,

  
GORDON MATSUOKA  
State Public Works Engineer

RY:jk

JOHN WAIHEE  
GOVERNOR



STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION

869 PUNCHBOWL STREET  
HONOLULU, HAWAII 96813-5097

8

REX D. JOHNSON  
DIRECTOR

DEPUTY DIRECTORS  
JOYCE T. OMINI  
AL PANG  
JEANNE K. SCHULTZ  
CALVIN M. TSUDA

IN REPLY REFER TO:

HWY-PS  
2.1819

Mr. Stanley G. H. Yim, P.E.  
Stanley Yim and Associates, Inc.  
2850 Paa Street, Suite 200  
Honolulu, Hawaii 96819

Dear Mr. Yim:

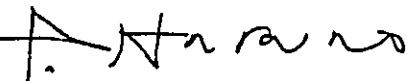
Addendum to the Site Selection Report and Final EIS  
The Kauai Judiciary Complex, Lihue, Kauai, TMK: 3-3-03: 01

Thank you for your letter of March 23, 1992, transmitting the  
above document for our review.

The following general comments are applicable when the site for  
the proposed Kauai Judiciary Complex is finalized.

1. We will require that a traffic assessment be prepared and  
submitted to the Highways Division for our review and  
approval.
2. The costs for required roadway improvements shall be borne  
by the developer.
3. Plans for work within the State highway right-of-way shall  
be submitted to the Highways Division for our review and  
approval.

Sincerely,

  
Rex D. Johnson  
Director of Transportation

RECEIVED  
APR 30 1992

STANLEY YIM & ASSOC. INC.

JOHN WAIHEE  
GOVERNOR



STATE OF HAWAII  
DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES  
P. O. BOX 119, HONOLULU, HAWAII 96810

RUSSEL S. NAGATA  
COMPTROLLER

ROBERT P. TAKUSHI  
DEPUTY COMPTROLLER

LETTER NO. (P)1495.2

MAY 28 1992

Honorable Rex Johnson  
Director  
Department of Transportation  
State of Hawaii  
Honolulu, Hawaii

Attention: Mr. Tats Harano

Dear Mr. Johnson:

Subject: Kauai Judiciary Complex  
Addendum to the Site Selection Report  
and Draft Environmental Impact Statement

This is to acknowledge receipt of your April 28, 1992 letter presenting the department's comments as a result of your staff's review of the Addendum Report for the proposed Kauai Judiciary Complex.


With regards to the comments:

1. A traffic assessment in accordance with the Department of Transportation requirements will be prepared during the design phase of the work which is after the selection of a candidate site.
2. It has already been noted in the Environmental Impact Statement that the costs for required roadway improvements shall be borne by the developer which, in this case, is also the State.
3. Finally, any plans for work within the State highway right-of-way if needed, will be submitted to the Highways Division for review and approval.

Honorable Rex D. Johnson  
Page 2

Ltr. No. (P)1495.2

Your letter and this response will be appended to the Final Environmental Impact Statement. Thank you for participating in the Environmental Impact Statement review process.

Very truly yours,  
  
RUSSEE S. NAGATA  
State Comptroller



and copies to appropriate parties FILE  
Be

GROVE FARM LAND CORP.  
3-2600 KA'UMUALII HIGHWAY SUITE 3001  
LIHUE, KAUAI, HI 96766

April 20, 1992

Governor John Waihee  
State of Hawaii  
c/o Office of Environmental Quality Control  
220 South King St. 4th floor  
Honolulu, HI 96813

POSTED  
4/24/92

'92 APR 27 AIC:24

OFF. OF ENVIRONMENTAL  
QUALITY CONTROL

**RE: Comments on Draft EIS Addendum and Site Selection Report  
for the Kauai Judiciary Complex**

Dear Governor Waihee:

We have reviewed the addendum to the Draft EIS for the above-referenced project and are pleased that many of our prior comments have been incorporated therein.

While we might disagree slightly with some of the numerical ratings within the addendum, these are matters of judgment and are not substantial.

We look forward to the final site selection and are ready to address any questions or concerns you might have relative to site C2.

Sincerely,

*David W Pratt*

David W. Pratt  
President

c: Ralph Yukumoto, DAGS  
Stanley Yim, Stanley Yim & Associates, Inc.

RECEIVED  
APR 30 1992

STANLEY YIM & ASSOC. INC.

JOHN WAIHEE  
GOVERNOR



STATE OF HAWAII  
DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES  
DIVISION OF PUBLIC WORKS

P. O. BOX 119, HONOLULU, HAWAII 96810

RUSSEL S. NAGATA  
COMPTROLLER  
ROBERT P. TAKUSHI  
DEPUTY COMPTROLLER

LETTER NO. (P)1496.2

MAY 27 1992

Mr. David W. Pratt  
President  
Grove Farm Land Corporation  
3-2600 Ka'umualii Highway, Suite 3001  
Lihue, Kauai, Hawaii 96766

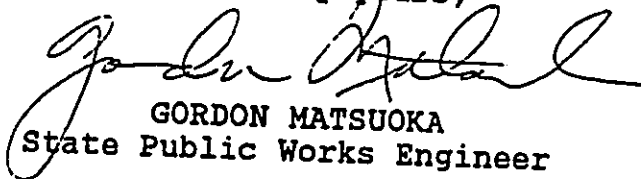
Dear Mr. Pratt:

Subject: Kauai Judiciary Complex  
Addendum to the Site Selection Report  
and Draft Environmental Impact Statement

This is to acknowledge receipt of your April 20, 1992 letter pertaining to the Addendum Report for the proposed Kauai Judiciary Complex.

Your letter and this response will be appended to the Final Environmental Impact Statement. Thank you for participating in the Environmental Impact Statement review process.

Very truly yours,

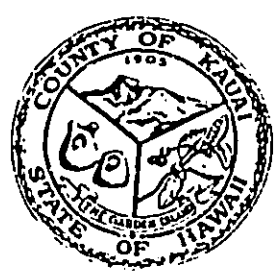
  
GORDON MATSUOKA  
State Public Works Engineer

RY:jk

and copy to appropriate parties

FILE 2

JOANN A. YUKIMURA  
MAYOR



STEVE OLIVER  
COUNTY ENGINEER  
TELEPHONE 245-3318  
EDMOND P.K. RENAUD  
DEP. COUNTY ENGINEER  
TELEPHONE 245-3602  
PW3.280

AN EQUAL OPPORTUNITY EMPLOYER  
COUNTY OF KAUAI  
DEPARTMENT OF PUBLIC WORKS  
3021 UMI STREET  
LIHUE, KAUAI, HAWAII 96766

'92 APR 24 A11:13

April 21, 1992

(HFC OF ENVIRONMENTAL QUALITY CONTROL)

Honorable John Waihee  
Governor, State of Hawaii  
c/o Office of Environmental Quality Control  
220 South King Street, 4th Floor  
Honolulu, Hawaii 96813

Dear Governor Waihee:

RE: KAUAI JUDICIARY COMPLEX  
ADDENDUM TO THE SITE SELECTION REPORT  
AND FINAL EIS

Thank you for the opportunity to comment on the addendum to the Site Selection Report and Final EIS for the Kauai Judiciary Complex.

Site C2 is located within Grove Farm Co., Inc.'s planned land development between Lihue and Puhi; however, the necessary roadway(s) and utilities to service the site are not yet in place nor have construction drawings been completed for same. Should Site C2 be selected as the final site, development of the site should be closely coordinated with Grove Farm's roadway and utility plans.

Please feel free to have your staff call our Engineering Division if there are questions on the above.

Very truly yours,

STEVE OLIVER  
County Engineer

KM/cu

c: Ralph Yukumoto, DAGS  
Stanley Yim, Stanley Yim & Associates, Inc.

RECEIVED

APR 28 1992

STANLEY YIM & ASSOC. INC

JOHN WAIHEE  
GOVERNOR



STATE OF HAWAII  
DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES  
DIVISION OF PUBLIC WORKS  
P. O. BOX 119, HONOLULU, HAWAII 96810

RUSSEL S. NAGATA  
COMPTROLLER  
ROBERT P. TAKUSHI  
DEPUTY COMPTROLLER

LETTER NO. (P)1497.2

MAY 27 1992

Mr. Steve Oliver  
County Engineer  
Department of Public Works  
County of Kauai  
3021 Umi Street  
Lihue, Kauai, Hawaii 96766

Dear Mr. Oliver:

Subject: Kauai Judiciary Complex  
Addendum to the Site Selection Report  
and Draft Environmental Impact Statement

This is to acknowledge receipt of your April 21, 1992 letter presenting the County's comments as a result of your staff's review of the Addendum Report for the proposed Kauai Judiciary Complex.

We recognize the roadway(s) and utilities to service Site C2 are not yet in place and it will be necessary to closely coordinate the development of the site, should it be selected, with Grove Farm's roadway and utility plans. Grove Farm is aware of the need to bring a roadway and utilities to the site should it be selected. They have indicated their willingness to make available a road and the necessary utilities to the site. The extent of the improvements Grove Farm will be providing and the time at which the improvements will become available will be finalized during the project's design phase.

Your letter and this response will be appended to the Final Environmental Impact Statement. Thank you for participating in the Environmental Impact Statement review process.

Very truly yours,

A handwritten signature in cursive script, appearing to read "Gordon Matsuoka".  
GORDON MATSUOKA  
State Public Works Engineer

RY:jk

JOHN WAIHEE  
GOVERNOR



BRIAN J. J. CHOY  
Director

**STATE OF HAWAII**  
OFFICE OF ENVIRONMENTAL QUALITY CONTROL  
220 SOUTH KING STREET  
FOURTH FLOOR  
HONOLULU, HAWAII 96813  
TELEPHONE (808) 586-4185

April 22, 1992

Department of Accounting and General Services  
Attn: Ralph Yukumoto  
1151 Punchbowl Street, Room 430  
Honolulu, Hawaii 96813

Dear Mr. Yukumoto:

**Subject: Addendum for the Kauai Judiciary Complex, Site Selection Report and Draft Environmental Impact Statement**

Thank you for the opportunity to review the subject document. We have no comments to offer.

If you have any questions, please call Margaret Wilson at 586-4185. Thank you.

Sincerely,

A handwritten signature in black ink that reads "Brian J.J. Choy".

Brian J.J. Choy  
Director

/c: Stanley Yim & Associates, Inc.  
Consulting Engineers  
2850 Paa Street, Suite 200  
Honolulu, Hawaii 96819

BC:mw

**RECEIVED**

APR 24 1992

STANLEY YIM & ASSOC. INC.

JOHN WAIHEE  
GOVERNOR



STATE OF HAWAII  
DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES  
DIVISION OF PUBLIC WORKS  
P. O. BOX 119, HONOLULU, HAWAII 96810

RUSSEL S. NAGATA  
COMPTROLLER  
ROBERT P. TAKUSHI  
DEPUTY COMPTROLLER

LETTER NO. (P)1498.2

MAY 27 1992

Mr. Brian J. J. Choy  
Director  
Office of Environmental  
Quality Control  
220 South King Street, 4th Floor  
Honolulu, Hawaii 96813

Dear Mr. Choy:

Subject: Kauai Judiciary Complex  
Addendum to the Site Selection Report  
and Draft Environmental Impact Statement

This is to acknowledge receipt of your April 22, 1992 letter indicating the Office of Environmental Quality Control has no comments to offer at this time with regards to the Addendum Report for the proposed Kauai Judiciary Complex.

Your letter and this response will be appended to the Final Environmental Impact Statement. Thank you for participating in the Environmental Impact Statement review process.

Very truly yours,

A handwritten signature in cursive script, appearing to read "Gordon Matsuoka".  
GORDON MATSUOKA  
State Public Works Engineer

RY:jk

JOHN WAIHEE  
GOVERNOR OF HAWAII



STATE OF HAWAII  
DEPARTMENT OF LAND AND NATURAL RESOURCES  
P.O. BOX 621  
HONOLULU, HAWAII 96809

REF:OCEA:KCK

APR 22 1992

File No: 92-604  
DOC. ID: 567

WILLIAM W. PATY, CHAIRPERSON  
BOARD OF LAND AND NATURAL RESOURCES

DEPUTIES

JOHN P. KEPPELER, II  
DONA L. HANAIKE

AQUACULTURE DEVELOPMENT  
PROGRAM  
AQUATIC RESOURCES  
CONSERVATION AND  
ENVIRONMENTAL AFFAIRS  
CONSERVATION AND RESOURCES  
ENFORCEMENT  
CONVEYANCES  
FORESTRY AND WILDLIFE  
HISTORIC PRESERVATION PROGRAM  
LAND MANAGEMENT  
STATE PARKS  
WATER AND LAND DEVELOPMENT

Mr. Stanley Yim & Associates, Inc  
2850 Paa Street, Suite 200  
Honolulu, Hawaii 96819

Dear Mr. Yim:

Subject: Addendum to the Site Selection Report and Final Environmental  
Impact Statement for the Kauai Judiciary Complex - Lihue, Kauai

Thank you for giving our Department the opportunity to review this matter. Our Department's Historic Preservation Division comments that cane cultivation has destroyed any historic sites that might have been present at this parcel. Thus, we believe this project will have "no effect" on significant historic sites. We have no further comments at this time.

Thank you for your cooperation in this matter. Please feel free to call Sam Lemmo at our Office of Conservation and Environmental Affairs, at 587-0377, or Tom Dye of Historic Sites, at 587-0014, should you have any questions.

Very truly yours,

*John P. Keppeler, II*  
for WILLIAM W. PATY

cc: OEQC, DAGS

RECEIVED

APR 24 1992

STANLEY YIM & ASSOC. INC.

JOHN WAIHEE  
GOVERNOR



STATE OF HAWAII  
DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES  
P. O. BOX 119, HONOLULU, HAWAII 96810

RUSSEL S. NAGATA  
COMPTROLLER

ROBERT P. TAKUSHI  
DEPUTY COMPTROLLER

LETTER NO. (P)1499.2

MAY 28 1992

Honorable William Paty  
Chairperson  
Department of Land and  
Natural Resources  
State of Hawaii  
Honolulu, Hawaii

Attention: Mr. John P. Keppeler, II

Dear Mr. Paty:

Subject: Kauai Judiciary Complex  
Addendum to the Site Selection Report  
and Draft Environmental Impact Statement

This is to acknowledge receipt of your April 22, 1992 letter indicating the department has no comments to offer at this time with regards to the Addendum Report for the proposed Kauai Judiciary Complex.

Your letter and this response will be appended to the Final Environmental Impact Statement. Thank you for participating in the Environmental Impact Statement review process.

Very truly yours,

  
RUSSEL S. NAGATA  
State Comptroller



*Kalysh*

JOHN WAHNE  
GOVERNOR



ESTHER UEDA  
EXECUTIVE OFFICER

RECEIVED

APR 8 1 14 PM '92

DIV. OF PUBLIC WORKS  
DAGS

STATE OF HAWAII  
DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM  
LAND USE COMMISSION  
Room 104, Old Federal Building  
335 Merchant Street  
Honolulu, Hawaii 96813  
Telephone: 587-3822

April 7, 1992

Mr. Brian Choy, Director  
Office of Environmental  
Quality Control  
Central Pacific Plaza  
220 S. King Street, 4th Fl.  
Honolulu, Hawaii 96813

Dear Mr. Choy:

SUBJECT: Addendum to the Site Selection Report and Final Environmental Impact Statement for the Kauai Judiciary Complex, Lihue, Kauai, Hawaii

The Department of Business, Economic Development & Tourism has referred the Subject Addendum to our office for response.

We have reviewed the Addendum and confirm that the alternative site offered by Grove Farm Land Corporation, Site C2, and as approximately shown in Figures 1 and 2, is within the State Land Use Agricultural District.

We also confirm that the Site C2 location is a part of an area subject to incremental districting by the Land Use Commission under IUC Docket No. A89-636/Grove Farm Properties, Inc. The petition was approved by the Commission on June 15, 1989 and subsequently a Findings of Fact, Conclusions of Law and Decision and Order was issued on June 30, 1989.

Reclassification of Increment 2, of which Site C2 is a part, from the Agricultural District to the Urban District is subject to conditions imposed by the Commission as stated on page V-5 of the Addendum, and also as presented in Exhibit AB of the Addendum.

We have no further comments at this time. Thank you for the opportunity to provide comments on this matter. If you should have any questions, please call me or Leo Asuncion of my staff at 587-3826.

Sincerely,

ESTHER UEDA  
Executive Officer

EU:th  
cc: Stanley Yin  
DAGS  
DEED

JOHN WAIHEE  
GOVERNOR



STATE OF HAWAII  
DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES  
DIVISION OF PUBLIC WORKS

P. O. BOX 119, HONOLULU, HAWAII 96810

RUSSEL S. NAGATA  
COMPTROLLER  
ROBERT P. TAKUSHI  
DEPUTY COMPTROLLER

LETTER NO. (P) 1540.2

JUN 4 1992

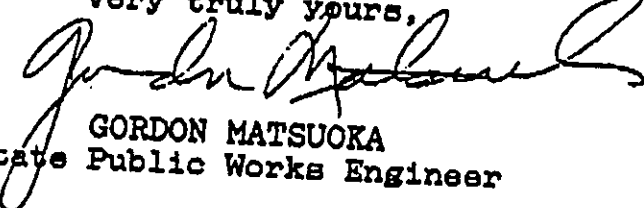
Ms. Esther Ueda  
Executive Officer  
Land Use Commission  
Department of Business, Economic  
Development & Tourism  
Room 104, Old Federal Building  
335 Merchant Street  
Honolulu, Hawaii 96813

Dear Ms. Ueda:

Subject: Kauai Judiciary Complex  
Addendum to the Site Selection Report  
and Draft Environmental Impact Statement

Thank you for participating in the Environmental Impact Statement review process. This is to acknowledge receipt of your April 7, 1992 letter. The comments in the letter need no response. However, your letter and this response will both be appended to be a part of the Final Environmental Impact Statement.

Very truly yours,

  
GORDON MATSUOKA  
State Public Works Engineer

RY:jnt

# DEPARTMENT OF WATER

COUNTY OF KAUAI  
P.O. BOX 1706  
LIHUE, HAWAII 96766-5706  
FAX NO. 245-5813


April 1, 1992

Governor, State of Hawaii  
c/o Office of Environmental  
Quality Control  
220 South King Street, 4th Floor  
Honolulu, HI 96813

Re: Kauai Judiciary Complex

We reviewed the addendum to the Site Selection Report and the Environmental Impact Statement for the Kauai Judiciary Complex and have no comments to offer at this time.

Thank you for the opportunity to comment.

  
Raymond H. Sato  
Manager and Chief Engineer

WH:rm  
cc: Dept. of Accounting & General Services  
1151 Punchbowl Street #430  
Honolulu, HI 96813

Stanley Yim & Associates  
2850 Paa Street, Suite 200  
Honolulu, HI 96819

RECEIVED

APR 3 1992

STANLEY YIM & ASSOC. INC.

JOHN WAIHEE  
GOVERNOR



STATE OF HAWAII  
DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES  
DIVISION OF PUBLIC WORKS  
P. O. BOX 119, HONOLULU, HAWAII 96810

RUSSEL S. HAGATA  
COMPTROLLER  
ROBERT P. TAKUSHI  
DEPUTY COMPTROLLER

LETTER NO. (P)1500.2

MAY 28 1992

Mr. Raymond H. Sato  
Manager and Chief Engineer  
Department of Water  
County of Kauai  
P. O. Box 1706  
Lihue, Hawaii 96766-5706

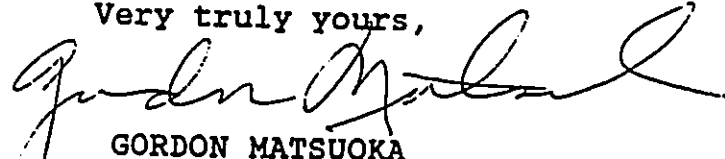
Dear Mr. Sato:

Subject: Kauai Judiciary Complex  
Addendum to the Site Selection Report  
and Draft Environmental Impact Statement

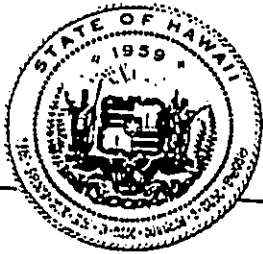
This is to acknowledge receipt of your April 1, 1992 letter indicating the department has no comments to offer at this time with regards to the Addendum Report for the proposed Kauai Judiciary Complex.

Your letter and this response will be appended to the Final Environmental Impact Statement. Thank you for participating in the Environmental Impact Statement review process.

Very truly yours,

  
GORDON MATSUOKA  
State Public Works Engineer

RY:jk



DEPARTMENT OF BUSINESS,  
ECONOMIC DEVELOPMENT & TOURISM

ENERGY DIVISION, 335 MERCHANT ST., RM. 110, HONOLULU, HAWAII 96813 PHONE: (808) 587-3800 FAX: (808) 587-3820

JOHN WAIHEE  
Governor  
MURRAY E. TOWILL  
Director  
BARBARA KIM STANTON  
Deputy Director  
RICK EGGED  
Deputy Director  
TAKESHI YOSHIHARA  
Deputy Director

March 27, 1992

The Honorable John Waihee  
Governor, State of Hawaii  
c/o Office of Environmental Quality Control  
220 South King Street, 4th Floor  
Honolulu, Hawaii 96813

Dear Governor Waihee:

Subject: Kauai Judiciary Complex, ADDENDUM to the Site  
Selection Report & Final EIS  
Tax Map Key Numbers: 3-07-01:01; 3-06-02:02;  
3-06-02:01; 3-03-03:01

We wish to inform you that we have no comments to offer on the subject  
draft environmental impact statement. We are therefore returning the draft  
EIS.

Thank you for the opportunity to review the document.

Sincerely,

*Murray E. Towill*  
for Murray E. Towill

MHK:hkeis41

cc: Department of Accounting & General Services  
✓ Stanley Yim & Associates, Inc.

RECEIVED

APR 3 1992

STANLEY YIM & ASSOC. INC.

JOHN WAIHEE  
GOVERNOR



STATE OF HAWAII  
DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES  
P. O. BOX 119, HONOLULU, HAWAII 96810

RUSSEL S. NAGATA  
COMPTROLLER

ROBERT P. TAKUSHI  
DEPUTY COMPTROLLER

LETTER NO. (P)1501.2

MAY 28 1992

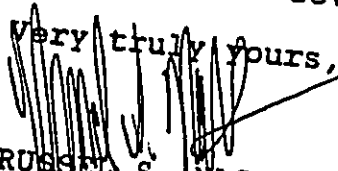
Honorable Murray Towill  
Director  
Department of Business,  
Economic Development, and Tourism  
State of Hawaii  
Honolulu, Hawaii

Dear Mr. Towill:

Subject: Kauai Judiciary Complex  
Addendum to the Site Selection Report  
and Draft Environmental Impact Statement

This is to acknowledge receipt of your March 27, 1992 letter indicating the department has no comments to offer at this time with regards to the Addendum Report for the proposed Kauai Judiciary Complex.

Your letter and this response will be appended to the Final Environmental Impact Statement. Thank you for participating in the Environmental Impact Statement review process.

Very truly yours,  
  
RUSSEL S. NAGATA  
State Comptroller

JOHN WAIHEE  
GOVERNOR



STATE OF HAWAII  
DEPARTMENT OF DEFENSE  
OFFICE OF THE ADJUTANT GENERAL  
3949 DIAMOND HEAD ROAD, HONOLULU, HAWAII 96816-4495

EDWARD V. RICHARDSON  
MAJOR GENERAL  
ADJUTANT GENERAL

MYLES M. NAKATSU  
COLONEL  
DEPUTY ADJUTANT GENERAL

March 31, 1992

Engineering Office

Office of Environmental Quality Control  
220 South King Street 4th Floor  
Honolulu, Hawaii 96813

Subject: Kauai Judiciary Complex

Dear Sir:

Thank you for providing us the opportunity to review the above mentioned Kauai Judiciary Complex.

We have no comments to offer at this time regarding the project.

Sincerely,

A handwritten signature in cursive script, appearing to read "Jerry M. Matsuda".

Jerry M. Matsuda  
Lieutenant Colonel  
Hawaii Air National Guard  
Contracting and Engineering Officer

Enc.

c: DAGS  
/Stanley Yim & Associates, Inc.

The logo for the National Guard, featuring a stylized figure of a soldier standing next to a rifle.

NATIONAL GUARD  
Americans At Their Best.

RECEIVED  
APR 2 1992

STANLEY YIM & ASSOC. INC.

JOHN WAIHEE  
GOVERNOR



STATE OF HAWAII  
DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES  
DIVISION OF PUBLIC WORKS  
P. O. BOX 119, HONOLULU, HAWAII 96810

RUSSEL S. NAGATA  
COMPTROLLER  
ROBERT P. TAKUSHI  
DEPUTY COMPTROLLER  
LETTER NO. (P)1502.2

MAY 28 1992

Lt. Colonel Jerry M. Matsuda  
Contracting and Engineering Officer  
Department of Defense  
State of Hawaii  
Honolulu, Hawaii

Dear Lt. Colonel Matsuda:

Subject: Kauai Judiciary Complex  
Addendum to the Site Selection Report  
and Draft Environmental Impact Statement

This is to acknowledge receipt of your March 31, 1992 letter indicating the department has no comments at this time with regards to the Addendum Report for the proposed Kauai Judiciary Complex.

Your letter and this response will be appended to the Final Environmental Impact Statement. Thank you for participating in the Environmental Impact Statement review process.

Very truly yours,

A handwritten signature in cursive script, appearing to read "Gordon Matsuoka".  
GORDON MATSUOKA  
State Public Works Engineer

RY:jk



**APPENDICES**

**APPENDIX A**

**SUMMARY OF SPACE REQUIREMENTS  
AND BUILDING SIZING**

**FOR THE FIFTH JUDICIAL CIRCUIT**

Lihue, Kauai, Hawaii

SUMMARY OF PROJECTED SPACE IN NEW BUILDING

COURT/AREA	TOTAL PERSONNEL	NET AREA (sf)	GROSS AREA (sf)
<b>CIRCUIT COURT:</b>			
Total Personnel	64	6310	
+ 25% for circulation		<u>1578</u>	
		7888	
Total - Other			
Judiciary/Administrative		18640	
General Space		<u>9640</u>	
Total Net Area		36168 sqft	
+ 50% for Circulation/Mechanical/Utility			18084
			54251 sqft
<b>FAMILY COURT:</b>			
Total Personnel	121	13360	
+ 25% for circulation		<u>3340</u>	
		16700	
Total - Other			
Judiciary/Administrative		7890	
General Space		<u>0</u>	
Total Net Area		24590 sqft	
+ 50% for Circulation/Mechanical/Utility			12295
			36885 sqft
<b>DISTRICT COURT:</b>			
Total Personnel	68	7230	
+ 25% for circulation		<u>1808</u>	
		9038	
Total - Other			
Judiciary/Administrative		18460	
General Space		<u>0</u>	
Total Net Area		27498	
+ 50% for Circulation/Mechanical/Utility			13749
			41246 sqft
TOTAL NET AREA =		88255 sqft	
TOTAL PERSONNEL =		253 persons	
			TOTAL GROSS AREA = 132383 sqft
			GROSS SQUARE FEET PROVIDED = <u>133154</u> sqft

File: SUMMCT

**SUMMARY OF NET SPACE REQUIREMENTS FOR THE FIFTH CIRCUIT @ LIHUE, KAUAI**

PERSONNEL	Position Rating	Office Type	nsf	CIRCUIT		FAMILY		DISTRICT	
				# Rqd	Total Space	# Rqd	Total Space	# Rqd	Total Space
Judge's Chamber/toilet		Pvt Off	320	2	640	1	320	3	960
Judge's reception		Opn Spc	60	2	120	1	60	3	180
Administrative Assistant	SR-19	Opn Spc	100	2	200	1	100		
Secretary III	SR-14	Opn Spc	80	1	80	1	80		
Per Diem Judges		Pvt Off	150			1	150	4	600
Court Reporter	SR-19	Opn Spc	100	4	400			4	400
Circuit Court Clerk	SR-19	Opn Spc	80	4	320	2	160		
Law Clerk	SR-18	Opn Spc	100	3	300				
Court Bailiff	SR-15	Opn Spc	80	1	80	2	160		
Court Administrator	EM-05	Pvt Off	220	1	220				
District Court Administrator	SR-26	Pvt Off	220					1	220
Supervising District Court Clerk	SR-18	Opn Spc	120					1	120
Fiscal Officer V	SR-24	Pvt Off	150	1	150	1	150	1	150
Accountant	SR-18	Opn Spc	80	2	160			1	80
Account Clerk	SR-15	Opn Spc	80	5	400				
Account Clerk III	SR-11	Opn Spc	80					2	160
Account Clerk	SR-10	Opn Spc	80			2	160		
Account Clerk II	SR-08	Opn Spc	80					3	240
Court Document Clerk	SR-19	Opn Spc	80	5	400	2	160		
Circuit Court Documents Supv	SR-21	Opn Spc	120	1	120				
Estate/Guardianship Clerk	SR-19	Opn Spc	100	4	400				
Family Court Clerks Supv	SR-21	Pvt Off	120			1	120		
Clerk, Clrk/Typ, Clrk/Steno	SR8/12	Opn Spc	80	16	1280	23	1840	12	960
Personnel Clerk	SR-11	Opn Spc	80	1	80				
Court Clerk	SR-15	Opn Spc	80	4	320				
District Court Clerk II	SR-15	Opn Spc	80					5	400
District Court Clerk I	SR-12	Opn Spc	80					5	400
District Court Clerk	SR-10	Opn Spc	80					4	320
Cashier	SR-12	Opn Spc	80	3	240			3	240
Personnel Clerk	SR-09	Opn Spc	80					1	80
Driver Improvement Advisor	SR-19	Opn Spc	120					1	120
Driver Improvement Advisor	SR-15	Opn Spc	120					3	360
Driver Improvement Assistant	SR-12	Opn Spc	80					2	160
Family Court Director		Pvt Off	220			1	220		
Administrators		Pvt Off	150			2	300		
Supervisors		Pvt Off	120			9	1080		
Social Worker IV	SR-21	Opn Spc	120					2	240
Social Worker III	SR-18	Opn Spc	120					4	480
Social Workers		Opn Spc	120			58	6960		
Psychologist		Pvt Off	120			1	120		
Program Specialist		Pvt Off	150			2	300		
Social Service Assistant	SR-13	Opn Spc	80					1	80
Social Service Assistant	SR-11	Opn Spc	80			5	400	2	160
Student Helper		Opn Spc	80	2	160	5	400		
Facility Manager		Pvt Off	120	1	120				
Conference Room (sf)		attchd	120	1	120	1	120	1	120
<b>TOTAL AREA (PERSONNEL SPACES):</b>					<b>6310</b>		<b>13360</b>		<b>7230</b>
<b>TOTAL PERSONNEL:</b>				<b>65</b>		<b>121</b>		<b>68</b>	

FILE: PERSONNEL

SUMMARY OF NET SPACE REQUIREMENTS FOR THE FIFTH CIRCUIT @ LIHUE, KAUAI

JUDICIARY/ADMINISTRATIVE SPACES	COURTS:		CIRCUIT		FAMILY		DISTRICT	
	nsf	# Rqd	Total Space	# Rqd	Total Space	# Rqd	Total Space	
Courtroom & Vestible	2480	1	2480					
Courtroom & Vestible	1780	1	1780	1	1780	3	5340	
Juryroom, Vestible & Toilet	400	2	800			2	560	
Juryroom, Vestible & Toilet	280			2	240	2	240	
Witness Room	120	2	240	2	240	3	360	
Attorney/Client & Interview Rm	120	2	240					
Waiting Area	400	2	800					
Waiting Area	250			1	250			
Active Records	3000					1	3000	
Active Records	3000	1	3000					
Active Records	1000			1	1000			
Inactive Records	3000					1	3000	
Inactive Records	3000	1	3000					
Inactive Records	1000			1	1000			
Vault	200	1	200	1	200	1	200	
Hearing, Meeting, & Classroom	500	1	500	1	500			
Classroom for DIA	1700					1	1700	
Conference Room	320	3	960	1	320	4	1280	
Copy & Equipment Room	300	1	300	1	300			
Copy/Equipment (w/sink)	120					1	120	
Exhibit Storage	300	1	300	1	300			
Exhibit Storage	120					4	480	
General Storage	300	1	300	1	300			
Supplies	300	1	300	1	300			
Supply Room	160					1	160	
Staff Room	320	2	640	1	320	1	320	
Interview Room - Social Worker	120					2	240	
Interview Room - Driver Education	120					2	240	
Grand Jury Room	1530	1	1530					
Grand Jury	1000							
Vestible	80							
Witness Room	120							
Waiting Room	150							
Toilets	80							
Interview Room	100							
Computer Room	300	1	300	1	300	1	300	
Holding Cells	80	4	320	3	240	6	480	
Probation Room	300			1	300			
Video Conference Center	500	1	500					
Maintenance Workshop	150	1	150					
Locker Room for Sheriffs	320					1	320	
Supply Room for Sheriffs	120					1	120	
<b>TOTAL JUDICIARY &amp; ADMINISTRATIVE SPACES:</b>				<b>18640</b>		<b>7890</b>	<b>18460</b>	

FILE: JUDICIAL

**SUMMARY OF NET SPACE REQUIREMENTS FOR THE FIFTH CIRCUIT @ LIHUE, KAUAI**

GENERAL SPACES	COURT:	CIRCUIT		FAMILY		DISTRICT	
	nsf	# Rqd	Total Space	# Rqd	Total Space	# Rqd	Total Space
Lobby	4000	1	4000				
Public Entrance & Exit							
Central Information							
Public Counters							
Central Waiting Room							
Public Restrooms							
Public Lockers							
Public Telephones							
Public Notices Bulletin Board							
Blind Vendor							
Elevators							
Stairs							
Law Library	4000	1	4000				
Police Officers' Lounge	320	1	320				
Mail room	120	1	120				
Press Room	200	1	200				
Central Security Control Room, Holding Cells & Sallyport	1000	1	1000				
<b>TOTAL AREA (GENERAL SPACES):</b>			<b>9640</b>		<b>0</b>		<b>0</b>

FILE: GENERAL

**APPENDIX B**

**PARKING REQUIREMENTS**

- a. Comparison by Various Islands
- b. Per Kauai Comprehensive Zoning Code

**COMPARISON OF PARKING REQUIREMENTS BY VARIOUS ISLANDS  
TO ESTABLISH FULL PARKING NEEDS FOR THE KAUAI COMPLEX**

FILE: PRKNG OFFSITE PARKING ROOMTS	Kauai	Hawaii	Maui	Oahu	FOR KAUAI, ADOPT
	amt	amt	amt	amt	
govt offices	26900 sf 1/200sf	135 1/400sf	67 1/500sf	54 1/400sf	67 1/400sf
places of assembly w/fixed seating	720 seats 1/8 seats	90 1/4 seats	180 1/6 seats	120 1/75sf or 1/5 seats	144 1/75sf or 1/5 seats
places of assembly w/o fixed seating	5560 sf 1/200sf	28 1/200sf	28 1/300sf	19 1/300sf	74 same as above
library	4000 sf 1/200sf	20 1/200sf	20 1/300sf	13 1/300sf	13 1/300sf
loading stalls	161624 sf none	1 1/1st 5000sf +	2 2/bld	2 2/1st 100000sf +	2 2
paraplegic	none	16 1/ea 10000sf	none	8 8/300-400cars	1 1
<b>Total Stalls Reqd</b>	<b>272</b>	<b>312</b>	<b>208</b>	<b>310</b>	<b>284 *</b>
future space***	12 1/200sf	6 1/400sf	5 1/500sf	6 1/400sf	12 **
<b>Total Overall Parking Reqd:</b>	<b>284</b>	<b>318</b>	<b>213</b>	<b>316</b>	<b>296</b>

NOTE: \* Provide for 284 stalls to be built with the project

\*\* Provide space for 12 additional parking stalls to be built in the future

\*\*\* Future space of 3,248sf reduced by 25% to account for circulation space



**PARKING REQUIREMENTS AS PER KAUAI CODE**  
(FOR REQUIREMENTS TO BE ADOPTED, SEE APPENDIX B - 1)

**COUNTY PARKING STANDARDS:**

FILE: SUM2CT

The total building floor area equals 132,630 sqft. According to the Kauai County Zoning Ordinance, the number of required off street parking spaces shall be determined based on the net floor area of the building as follows,

1. One parking space for every 200 square foot of net office space and waiting rooms or other spaces used by the public for the transaction of business or services or,
2. One parking space for every 8 seats in principal assembly rooms such as conference rooms, courtrooms, and classrooms.

**PARKING FOR PLACES OF ASSEMBLY (with fixed seats):**

	amt	area (sf)	total (sf)	max seating	total seats
Large Trial Courtroom	1	2480	2480	130	130
Std Trial Courtroom (jury)	4	1780	7120	70	280
Std Trial Courtrm (non jury)	1	1780	1780	90	90
Public Waiting Areas	2	400	800	20	40
Public Waiting Areas	1	250	250	14	14
Conference Rooms	8	320	2560	20	160
<b>TOTAL AREA:</b>			<u>14990 sf</u>		<u>714</u>

At 1 parking space for every 8 seats, 720 seats need 90 parking spaces.

**PARKING FOR PLACES OF ASSEMBLY (without fixed seats):**

	amt	area (sf)	total (sf)
Witness Room	6	120	720
Attorney/Client/Interview Rm	7	120	840
Hearing, Meeting, Classrooms	2	500	1000
DIA Classroom	1	1700	1700
Interview Rooms	4	120	480
Video Conference Center	1	500	500
Locker Room for Sheriffs	1	320	320
Library	1	4000	4000
<b>TOTAL AREA:</b>			<u>9560 sf</u>

At 1 parking space for every 200sf, 9,600sf needs 48 parking spaces.

**PARKING FOR NET OFFICE SPACE & SPACE BY THE PUBLIC:**

Circuit Court Personnel	6310
Family Court Personnel	13360
District Court Personnel	7230
<b>TOTAL AREA:</b>	<u>26900 sf</u>

At 1 parking space for every 200sf, 26,900sf needs 135 parking spaces.

**TOTAL PARKING SPACES REQUIRED per KAUAI CODE IS: 90 + 48 + 135 = 273 SPACES**  
(Excludes Loading and Paraplegic Stalls)  
(Kauai has no loading & paraplegic stall rqmts)

**APPENDIX C**

**DETERMINATION OF LAND REQUIREMENTS**

**DETERMINATION OF LAND REQUIREMENTS**

FILE: LOTSIZE

**METHOD 1**

1. Building Grd Flr Area	47170 sqft
2. Parking & Aisle Areas	
for passenger cars: stall width = 8.5ft	
depth = 19ft	
1/2 aisle = 12ft	
stall area = 264sqft	
# of stalls = 294	
	77616 sqft
for loading: stall width = 12ft	
depth = 35ft	
1/2 aisle = 12ft	
stall area = 564sqft	
# of stalls = 2	
	<u>1128 sqft</u>
	78744 sqft
3. Allow +30% for connecting aisles and access & service driveways	<u>23623 sqft</u>
	<u>102367 sqft</u>
4. Plus 25% for landscaping & open areas =	149537 sqft <u>37384 sqft</u>
5. Plus 50% factor for future expansion =	186922 sqft <u>93461 sqft</u>
<b>PROPOSED MINIMUM LOT SIZE =</b>	280382 sqft
	or 6.437 acres

**METHOD 2**

Based on 4 times the building footprint times 1.5 for future expansion,

$$4(47,170sf)(1.5)/43560 = 6.497 \text{ acres}$$

FOR THIS REPORT, ADOPT 6.50 acres  
and a 436ft X 650ft configuration,  
more or less, for the lot size.

**APPENDIX D**

**CANDIDATE SITE EVALUATIONS AND RESULTS**

**SITE A1**  
**TMK: 3-07-01-01**

**BUILDING SITE CRITERIA**

**a. Environmental Site Criteria**

1. Size	6.5 acres	good
2. Slope	avg = 4% TO 10%	fair
3. Shape	2.0:1	good
4. Industrial & Agricultural Nuisances		fair
	no industrial some agricultural periodically	
5. General Soil Stability for Foundation		good
6. Soil Shrink/Swell Potential		fair
	could require some foundation work	
7. Soil Depth for Sitework		good
8. Natural Beauty		fair
	trees, plants, rock formations: no potential for beautification: yes crossed by overhead utility lines: no	

**b. Roads and Utilities**

9. Adequacy of Roads		fair
10. Adequacy of Water Service	extend	good
11. Adequacy of Sewer Service	extend	poor
12. Adequacy of Drainage Facilities	none	poor
13. Adequacy of Power & Communications	extend	poor

**c. Accessibility**

14. Pedestrian Access		poor
15. Vehicular Access		fair
16. Bus Service	none	poor

**COMMUNITY CRITERIA**

**a. Government**

17. State Land Use District Designation	agri	fair
18. County General Plan	agri	fair
19. County Zoning Designation	ST-P	fair

use permit reqd

**b. Community Effects**

20. Existing Use		good
21. Displacement		good
22. Interference with Institutions		good
23. Surrounding Existing Land Use		good
24. Land Ownership & Acquisition		fair
25. Proximity to Major Commercial Centers		fair
26. Relation to Judicial Support Facilities		fair
27. Relation to Pvt Law Offices & Attys		fair
28. Aesthetic Value		good

**SITE A2**  
**TMK: 3-06-02-02**

**BUILDING SITE CRITERIA**

**a. Environmental Site Criteria**

1. Size	6.5 acres	good
2. Slope	avg = 4% TO 10%	fair
3. Shape	2.0:1	good
4. Industrial & Agricultural Nuisances		fair
	no industrial some agricultural periodically	
5. General Soil Stability for Foundation		good
6. Soil Shrink/Swell Potential		fair
	could require some foundation work	
7. Soil Depth for Sitework		good
8. Natural Beauty		fair
	trees, plants, rock formations: no potential for beautification: yes crossed by overhead utility lines: no	

**b. Roads and Utilities**

9. Adequacy of Roads		fair
10. Adequacy of Water Service	extend	good
11. Adequacy of Sewer Service	extend	poor
12. Adequacy of Drainage Facilities	none	poor
13. Adequacy of Power & Communications	extend	poor

**c. Accessibility**

14. Pedestrian Access		poor
15. Vehicular Access		fair
16. Bus Service	none	poor

**COMMUNITY CRITERIA**

**a. Government**

17. State Land Use District Designation	agri	fair
18. County General Plan	urban/mixed use	good
19. County Zoning Designation	ST-P	fair
	use permit reqd	

**b. Community Effects**

20. Existing Use		good
21. Displacement		good
22. Interference with Institutions		good
23. Surrounding Existing Land Use		good
24. Land Ownership & Acquisition		fair
25. Proximity to Major Commercial Centers		fair
26. Relation to Judicial Support Facilities		fair
27. Relation to Pvt Law Offices & Attys		fair
28. Aesthetic Value		good

**SITE A3**  
**TMK: 3-07-01-01**

**BUILDING SITE CRITERIA**

**a. Environmental Site Criteria**

1. Size	6.5 acres	good
2. Slope	avg = 4% TO 10%	fair
3. Shape	2.0:1	good
4. Industrial & Agricultural Nuisances		fair
	no industrial	
	some agricultural periodically	
5. General Soil Stability for Foundation		good
6. Soil Shrink/Swell Potential		fair
	could require some foundation work	
7. Soil Depth for Sitework		good
8. Natural Beauty		fair
	trees, plants, rock formations: no	
	potential for beautification: yes	
	crossed by overhead utility lines: no	

**b. Roads and Utilities**

9. Adequacy of Roads		fair
10. Adequacy of Water Service	extend	good
11. Adequacy of Sewer Service	extend	poor
12. Adequacy of Drainage Facilities	none	poor
13. Adequacy of Power & Communications	extend	poor

**c. Accessibility**

14. Pedestrian Access		poor
15. Vehicular Access		fair
16. Bus Service	none	poor

**COMMUNITY CRITERIA**

**a. Government**

17. State Land Use District Designation	agri	fair
18. County General Plan	urban/mixed use	good
19. County Zoning Designation	ST-P	fair

use permit reqd

**b. Community Effects**

20. Existing Use		poor
21. Displacement		good
22. Interference with Institutions		good
23. Surrounding Existing Land Use		poor
24. Land Ownership & Acquisition		poor
25. Proximity to Major Commercial Centers		fair
26. Relation to Judicial Support Facilities		fair
27. Relation to Pvt Law Offices & Attys		fair
28. Aesthetic Value		good

**SITE B**  
**TMK: 3-06-02-01**

**BUILDING SITE CRITERIA**

**a. Environmental Site Criteria**

1. Size	6.5 acres	good
2. Slope	avg = 4% TO 10%	fair
3. Shape	2.0:1	good
4. Industrial & Agricultural Nuisances		poor
	no industrial/periodic air traffic some agricultural nuisances	
5. General Soil Stability for Foundation		good
6. Soil Shrink/Swell Potential		fair
	could require some foundation work	
7. Soil Depth for Sitework		good
8. Natural Beauty		fair
	trees, plants, rock formations: no potential for beautification: yes crossed by overhead utility lines: no	

**b. Roads and Utilities**

9. Adequacy of Roads (no direct access to Kapule Hwy)		poor
10. Adequacy of Water Service	extend	good
11. Adequacy of Sewer Service	extend	good
12. Adequacy of Drainage Facilities	none	poor
13. Adequacy of Power & Communications	extend	fair

**c. Accessibility**

14. Pedestrian Access		poor
15. Vehicular Access		fair
16. Bus Service	none	poor

**COMMUNITY CRITERIA**

**a. Government**

17. State Land Use District Designation	agri	fair
18. County General Plan	urban/mixed use	good
19. County Zoning Designation	ST-P	fair

use permit reqd

**b. Community Effects**

20. Existing Use		good
21. Displacement		good
22. Interference with Institutions		good
23. Surrounding Existing Land Use		fair
24. Land Ownership & Acquisition		fair
25. Proximity to Major Commercial Centers		fair
26. Relation to Judicial Support Facilities		poor
27. Relation to Pvt Law Offices & Attys		poor
28. Aesthetic Value		good



SITE B1  
 TMK: 3-06-02-01

BUILDING SITE CRITERIA

a. Environmental Site Criteria

1. Size	6.5 acres	good
2. Slope	avg = 4% TO 10%	fair
3. Shape	2.0:1	good
4. Industrial & Agricultural Nuisances	no industrial/periodic air traffic some agricultural nuisances	poor
5. General Soil Stability for Foundation		good
6. Soil Shrink/Swell Potential	could require some foundation work	fair
7. Soil Depth for Sitework		good
8. Natural Beauty	trees, plants, rock formations: potential for beautification: crossed by overhead utility lines:	fair

b. Roads and Utilities

9. Adequacy of Roads		poor
10. Adequacy of Water Service	extend	poor
11. Adequacy of Sewer Service	extend	poor
12. Adequacy of Drainage Facilities	none	poor
13. Adequacy of Power & Communications	extend	poor
c. Accessibility		
14. Pedestrian Access		poor
15. Vehicular Access		poor
16. Bus Service	none	poor

COMMUNITY CRITERIA

a. Government

17. State Land Use District Designation		fair
18. County General Plan	agri	good
19. County Zoning Designation	urban/mixed use ST-P	fair

use permit reqd

b. Community Effects

20. Existing Use		good
21. Displacement		good
22. Interference with Institutions		good
23. Surrounding Existing Land Use		fair
24. Land Ownership & Acquisition		fair
25. Proximity to Major Commercial Centers		poor
26. Relation to Judicial Support Facilities		poor
27. Relation to Pvt Law Offices & Attys		poor
28. Aesthetic Value		good

SITE C  
 TMK: 3-03-03-01

BUILDING SITE CRITERIA

a. Environmental Site Criteria			
1. Size		6.5 acres	good
2. Slope		avg = 4% TO 10%	fair
3. Shape		2.0:1	good
4. Industrial & Agricultural Nuisances			good
5. General Soil Stability for Foundation			good
6. Soil Shrink/Swell Potential			fair
7. Soil Depth for Sitework	could require some foundation work		
8. Natural Beauty			good
	trees, plants, rock formations:	no	fair
	potential for beautification:	yes	
	crossed by overhead utility lines:	no	
b. Roads and Utilities			
9. Adequacy of Roads (no direct access to Nawiliwili Road)			poor
10. Adequacy of Water Service		extend	fair
11. Adequacy of Sewer Service		extend	poor
12. Adequacy of Drainage Facilities		none	poor
13. Adequacy of Power & Communications		extend	fair
c. Accessibility			
14. Pedestrian Access			fair
15. Vehicular Access			fair
16. Bus Service		none	poor
COMMUNITY CRITERIA			
a. Government			
17. State Land Use District Designation		urban	good
18. County General Plan		urban/mixed use	good
19. County Zoning Designation		general commercial	good
b. Community Effects			
20. Existing Use	use permit reqd		good
21. Displacement			good
22. Interference with Institutions			good
23. Surrounding Existing Land Use			poor
24. Land Ownership & Acquisition			poor
25. Proximity to Major Commercial Centers			fair
26. Relation to Judicial Support Facilities			poor
27. Relation to Pvt Law Offices & Attys			poor
28. Aesthetic Value			good

**SITE C2**  
 TMK: 3-03-03:por 1

**BUILDING SITE CRITERIA**

A. Environmental Site Criteria:		
1.	Size	6.5 acres good
2.	Slope	avg: 4% to 8% fair
3.	Shape	2.0:1.0 good
4.	Industrial & Agricultural Nuisances	no industrial nuisances some agricultural nuisances periodically fair
5.	General Soil Stability for Foundation	good
6.	Soil Shrink/Swell Potential	could require some foundation work fair
7.	Soil Depth for Sitework	good
8.	Natural Beauty	no trees, plants, rock formations potential for beautification no overhead utility lines crossing site fair
B. Roads and Utilities:		
9.	Adequacy of Roads	will be available at bdry* fair
10.	Adequacy of Water Service	will be available at bdry* fair
11.	Adequacy of Sewer Service	will be available at bdry* fair
12.	Adequacy of Drainage Facilities	will be available at bdry* fair
13.	Adequacy of Power & Communications	will be available at bdry* fair
C. Accessibility:		
14.	Pedestrian Access	based on access fm one side only* poor
15.	Vehicular Access	based on access fm one side only* poor
16.	Bus Service	none poor

\* per commitments contained in the Findings of Fact and Conclusions of Law for the amendment of the Land Use District boundary from agricultural to urban.

**COMMUNITY CRITERIA**

A. Government		
17.	State Land Use District designation	agriculture (increment #2) fair
18.	County General Plan	urban/mixed use good
19.	County Zoning designation	general commercial good
B. Community Effects		
20.	Existing Use	presently growing sugarcane good
21.	Displacement	no existing structures to be relocated good
22.	Interference with Institutions	greater than 0.5 mi fm institutions good
23.	Surrounding Existing Land Use	surrounded by agricultural, residential, retail, office, & industrial activities poor
24.	Land Ownership & Acquisition	owned by Grove Farm Properties fair
25.	Proximity to major Commercial Centers	fair
26.	Relation to Judicial Support Facilities	poor
27.	Relation to private law offices & attorneys	poor
28.	Aesthetic Value	good

**APPENDIX E**

**24 HOUR TRAFFIC COUNTS**

Kuhio Highway & Ahukini Road

Ahukini Road & Kapule Highway

Ahukini Road & Palai Street

Nawiliwili Road & Haleko Road

Nawiliwili Road & Lala Road

Rice Street & Kapule Highway

22-A

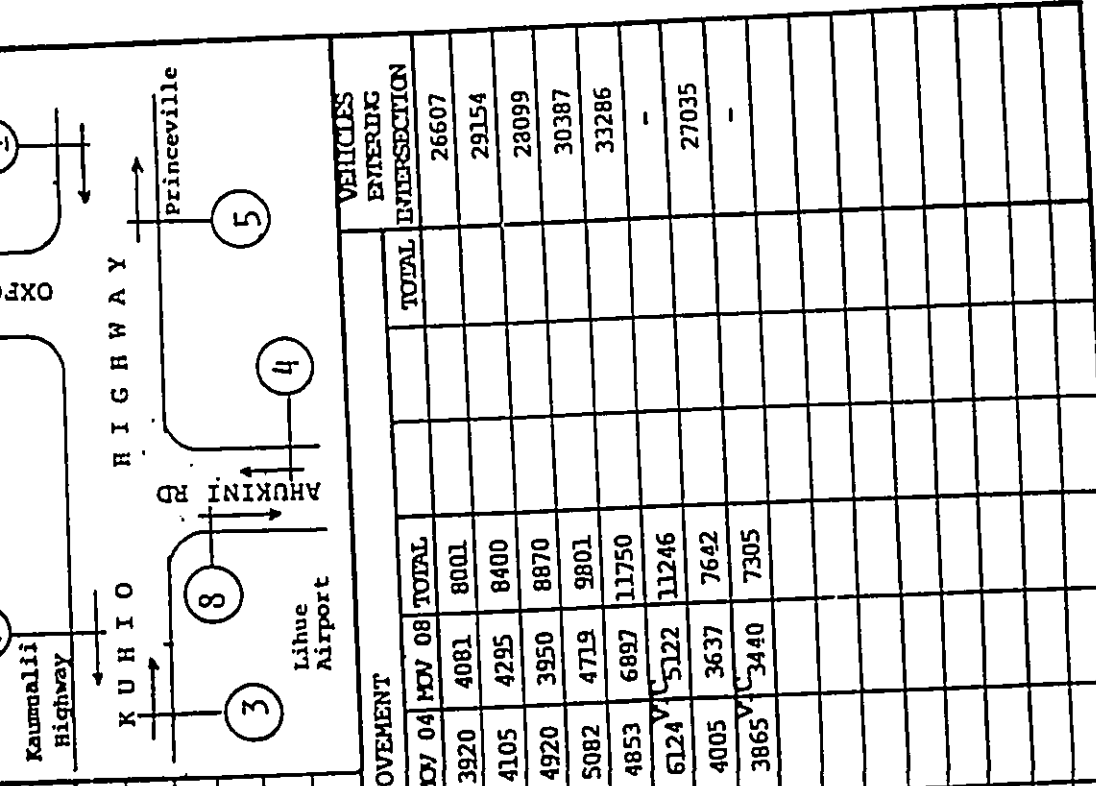
24-HOUR TRAFFIC COUNT-STATION SUMMARY

HAWAII STATE DOT. HIGHWAYS DIVISION

Count Type: \_\_\_\_\_ Group: \_\_\_\_\_ Old No: \_\_\_\_\_

Station No: 22-A

Location: Kuhio Highway at Ahukini Road and Oxford Street



STATION CHARACTERISTICS	INTERSECTION APPROACHES			
	LEG 1	LEG 2	LEG 3	LEG 4
Traffic Control	3 - PHASED	T	M	E
Width of Approach (Ft)	2	1	1	1
No. of Lanes at Approach	Lt	Rt	Lt/Rt	
Separate Turning Lane (Lt, Rt, Lt/Rt)				
Parking (AM, PM, All Day, None)	None	None	None	None
Bus Stop (NS: Near Side/FS: Far Side)	None	None	None	None

DATE	24-HOUR TRAFFIC VOLUME BY MOVEMENT												TOTAL	VEHICLES ENTERING INTERSECTION
	MOV 01	MOV 05	TOTAL	MOV 02	MOV 06	TOTAL	MOV 03	MOV 07	TOTAL	MOV 04	MOV 08	TOTAL		
10/79	12244	12315	24559	391	291	682	10052	9920	19972	3920	4081	8001	26607	
02/81	12869	13619	26488	358	262	620	11822	10978	22800	4105	4295	8400	29154	
04/83	13112	12912	26024	55	191	246	10012	11046	21058	4920	3950	8870	28099	
06/26-27/85	13505	13572	27077	238	232	470	11562	11056	22618	5082	4719	9801	30387	
05/07-12/87	15518	15974	31492	253	244	497	12662	13257	25919	4853	6897	11750	33286	
05/07-12/87	16088	16001	32089	-	-	-	-	-	-	6124	5122	11246	-	
09/20-21/89	10972	10833	21805	475	441	916	11583	12283	23866	4005	3637	7642	27035	
09/20-21/89	-	-	-	-	-	-	-	-	-	3865	3440	7305	-	

STATION NO: 22-A

16/89 15:28

State of Hawaii, Department of Transportation, Highways Division

HIN Page: 1

Volume Unclassified Output #1

ISLAND: 3  
 STATION NO: 22-A STATION DESCRIPTION: KUHIO HIGHWAY, AT AHUKINI ROAD AND OXFORD STREET  
 AUX NO: 22-A COUNT GROUP ID:  
 FUND SYSTEM: ROUTE NO:  
 FILE: LEG1 HWY ST NAME: KUHIO HIGHWAY M.P.  
 MOV ( 1 ), DIR: TO KAUMUALII HIGHWAY  
 MOV ( 5 ), DIR: TO PRINCEVILLE

SURVEY DATE: 09/20/89 - 09/21/89  
 D-2 BEG SURVEY DATE: 09/20/89 START TIME: 11:00  
 D-1 BEG SURVEY DATE: 09/20/89 START TIME: 11:00  
 ASSIGNED DATE: 09/21/89

TIME-AM	MOV 1	MOV 5	TOTAL	TIME-AM	MOV 1	MOV 5	TOTAL	TIME-PM	MOV 1	MOV 5	TOTAL
00:00 - 00:15	12	21	33	06:00 - 06:15	105	52	157	12:00 - 12:15	188	193	381
00:15 - 00:30	8	10	18	06:15 - 06:30	111	54	165	12:15 - 12:30	146	193	339
00:30 - 00:45	4	21	25	06:30 - 06:45	178	98	276	12:30 - 12:45	182	160	342
00:45 - 01:00	5	15	20	06:45 - 07:00	189	146	335	12:45 - 13:00	172	170	342
01:00 - 01:15	9	12	21	* 07:00 - 07:15	223	92	315	13:00 - 13:15	195	187	382
01:15 - 01:30	4	11	15	* 07:15 - 07:30	312	123	435	13:15 - 13:30	203	241	444
01:30 - 01:45	4	10	14	* 07:30 - 07:45	329	195	524	13:30 - 13:45	147	220	367
01:45 - 02:00	5	11	16	* 07:45 - 08:00	236	193	429	13:45 - 14:00	165	182	347
02:00 - 02:15	5	6	11	08:00 - 08:15	170	142	312	14:00 - 14:15	180	212	392
02:15 - 02:30	9	2	11	08:15 - 08:30	178	105	283	14:15 - 14:30	145	225	370
02:30 - 02:45	6	4	10	08:30 - 08:45	183	111	294	14:30 - 14:45	182	204	386
02:45 - 03:00	3	3	6	08:45 - 09:00	212	138	350	14:45 - 15:00	157	200	357
03:00 - 03:15	4	7	11	09:00 - 09:15	186	128	314	15:00 - 15:15	167	210	377
03:15 - 03:30	2	5	7	09:15 - 09:30	190	156	346	15:15 - 15:30	163	197	360
03:30 - 03:45	3	6	9	09:30 - 09:45	174	160	334	15:30 - 15:45	250	223	473
03:45 - 04:00	4	1	5	09:45 - 10:00	169	146	315	15:45 - 16:00	209	231	440
04:00 - 04:15	5	4	9	10:00 - 10:15	164	152	316	16:00 - 16:15	195	266	461
04:15 - 04:30	12	9	21	10:15 - 10:30	172	155	327	16:15 - 16:30	182	222	404
04:30 - 04:45	9	7	16	10:30 - 10:45	194	177	371	16:30 - 16:45	204	238	442
04:45 - 05:00	16	13	29	10:45 - 11:00	175	170	345	16:45 - 17:00	178	207	385
05:00 - 05:15	22	14	36	11:00 - 11:15	180	151	331	17:00 - 17:15	186	205	391
05:15 - 05:30	26	24	50	11:15 - 11:30	172	145	317	17:15 - 17:30	186	217	403
05:30 - 05:45	43	39	82	11:30 - 11:45	198	187	385	17:30 - 17:45	182	224	406
05:45 - 06:00	82	29	111	11:45 - 12:00	182	167	349	17:45 - 18:00	177	231	408
	MOV- 1		TOTAL	MOV- 5		TOTAL		MOV- 1		MOV- 5	TOTAL
	4884		3627	8511		6088		6088		7206	13294

AM-TOTAL	PM-TOTAL	24-HOUR TOTAL
4884	6088	10972
4582	4341	8923
1100	836	1936
64.6	47.0	111.6
57.4	45.8	103.2
		8.2

6:00-12:00 TOT	12:00-6:00 TOT	24-HOUR TOTAL
4582	4341	8923
07:00 - 08:00	15:30 - 16:30	10972
1100	836	1936
64.6	47.0	111.6
57.4	45.8	103.2
		8.2







State of Hawaii, Department of Transportation, Highways Division

Volume Unclassified Output #1

9/16/89 15:29

ISLAND: 3  
 STATION NO: 22-A STATION DESCRIPTION: KUHIO HIGHWAY,  
 AT AHUKINI ROAD AND OXFORD STREET  
 AUX NO: 22-A COUNT GROUP ID: M.P.  
 FUND SYSTEM: ROUTE NO:  
 FILE: LEGA HWY ST NAME: AHUKINI ROAD SURVEY DATE: 09/20/89 - 09/21/89 ASSIGNED DATE: 09/21/89  
 MOV ( 4 ), DIR: TO KUHIO HIGHWAY D- 2 BEG SURVEY DATE: 09/20/89 START TIME: 11:00  
 MOV ( 8 ), DIR: TO LIHUE AIRPORT D- 1 BEG SURVEY DATE: 09/20/89 START TIME: 11:00

TIME-AM	MOV 4	MOV 8	TOTAL	TIME-AM	MOV 4	MOV 8	TOTAL	TIME-PM	MOV 4	MOV 8	TOTAL	TIME-PM	MOV 4	MOV 8	TOTAL
00:00 - 00:15	8	16	24	06:00 - 06:15	21	23	44	12:00 - 12:15	77	72	149	18:00 - 18:15	63	53	116
00:15 - 00:30	3	6	9	06:15 - 06:30	22	32	54	12:15 - 12:30	80	77	157	18:15 - 18:30	59	45	104
00:30 - 00:45	5	7	12	06:30 - 06:45	48	48	96	12:30 - 12:45	72	81	153	18:30 - 18:45	51	54	105
00:45 - 01:00	4	0	4	06:45 - 07:00	45	58	103	12:45 - 13:00	81	58	139	18:45 - 19:00	39	33	72
01:00 - 01:15	3	6	9	07:00 - 07:15	38	38	76	13:00 - 13:15	87	55	142	19:00 - 19:15	46	39	85
01:15 - 01:30	4	2	6	07:15 - 07:30	56	65	121*	13:15 - 13:30	108	68	176	19:15 - 19:30	42	38	80
01:30 - 01:45	1	0	1	07:30 - 07:45	88	67	155*	13:30 - 13:45	100	59	159	19:30 - 19:45	21	27	48
01:45 - 02:00	2	1	3	07:45 - 08:00	90	73	163*	13:45 - 14:00	66	66	132	19:45 - 20:00	25	37	62
02:00 - 02:15	0	3	3	08:00 - 08:15	54	81	135*	14:00 - 14:15	84	70	154	20:00 - 20:15	26	29	55
02:15 - 02:30	3	4	7	08:15 - 08:30	50	59	109	14:15 - 14:30	68	68	136	20:15 - 20:30	30	21	51
02:30 - 02:45	0	1	1	08:30 - 08:45	55	74	129	14:30 - 14:45	81	69	150	20:30 - 20:45	30	24	54
02:45 - 03:00	1	4	5	08:45 - 09:00	54	54	108	14:45 - 15:00	73	66	139	20:45 - 21:00	25	22	47
03:00 - 03:15	1	3	4	09:00 - 09:15	64	52	116	15:00 - 15:15	72	42	114	21:00 - 21:15	13	21	34
03:15 - 03:30	3	0	3	09:15 - 09:30	63	57	120	15:15 - 15:30	64	59	123	21:15 - 21:30	26	12	38
03:30 - 03:45	1	2	3	09:30 - 09:45	77	61	138	15:30 - 15:45	89	74	163	21:30 - 21:45	23	13	36
03:45 - 04:00	1	1	2	09:45 - 10:00	68	58	126	15:45 - 16:00	64	72	136	21:45 - 22:00	18	7	25
04:00 - 04:15	4	1	5	10:00 - 10:15	65	64	129	16:00 - 16:15	78	71	149	22:00 - 22:15	16	13	29
04:15 - 04:30	2	6	8	10:15 - 10:30	61	64	125	16:15 - 16:30	77	59	136	22:15 - 22:30	12	10	22
04:30 - 04:45	2	3	5	10:30 - 10:45	70	67	137	16:30 - 16:45	102	55	157	22:30 - 22:45	16	11	27
04:45 - 05:00	0	5	5	10:45 - 11:00	73	67	140	16:45 - 17:00	83	56	139	22:45 - 23:00	9	4	13
05:00 - 05:15	5	11	16	* 11:00 - 11:15	76	56	132	17:00 - 17:15	80	56	136	23:00 - 23:15	9	11	20
05:15 - 05:30	5	14	19	* 11:15 - 11:30	69	74	143	17:15 - 17:30	52	64	116	23:15 - 23:30	5	3	8
05:30 - 05:45	9	22	31	* 11:30 - 11:45	76	79	155	17:30 - 17:45	72	54	126	23:30 - 23:45	5	4	9
05:45 - 06:00	14	23	37	* 11:45 - 12:00	70	96	166	17:45 - 18:00	64	46	110	23:45 - 00:00	0	0	0
AM-TOTAL	MOV- 4	MOV- 8	TOTAL	MOV- 4	MOV- 8	TOTAL	PM-TOTAL	MOV- 4	MOV- 8	TOTAL	MOV- 4	MOV- 8	TOTAL		
	1518	1589	3107	3107	3107	6214	2487	2487	2048	4535	4535	2048	4535		
6:00-12:00 TOT		1437	1437	2904	2904	5841	1874	1874	1517	3391	3391	1517	3391		
AM-PEAK HR TIME	11:00 - 12:00														
* PEAK-HR TOTAL	291			596			358		263		621		621		
AM D-X (PEAK-HR)	48.8			100.00			57.6		42.4		100.00		100.00		
AM D-X (MN-12H)	48.9			100.00			54.8		45.2		100.00		100.00		
AM K FACTOR				7.8			3637		7642		7642		7642		
DIRECTIONAL TOTALS	MOV- 4	MOV- 8	MOV- 4	MOV- 8	MOV- 4	MOV- 8	24-HOUR TOTAL								
	4	4	4	4	4	4	47.6								

24-HOUR TRAFFIC COUNT-STATION SUMMARY

HAWAII STATE DOT, HIGHWAYS DIVISION

Station No: 22-C Count Type: \_\_\_\_\_ Group: \_\_\_\_\_ Old No: \_\_\_\_\_

Location: Ahukini Road at Kapule Highway

STATION CHARACTERISTICS	INTERSECTION APPROACHES			
	* LEG 1	LEG 2	LEG 3	LEG 4
Traffic Control		None	Stop	None
Width of Approach (Ft)				
No. of Lanes at Approach	1	1	1	1
Separate Turning Lane (Lt,Rt,Lt/Rt)		Rt	Rt	Lt
Parking (AM, PM, All Day, None)				
Bus Stop (NS:Near Side/FS:Far Side)		None	None	None

DATE	24-HOUR TRAFFIC VOLUME BY MOVEMENT												VEHICLES EMERGING INTERSECTION	
	MOV 01	MOV 05	TOTAL	MOV 02	MOV 06	TOTAL	MOV 03	MOV 07	TOTAL	MOV 04	MOV 08	TOTAL	TOTAL	EMERGING INTERSECTION
10/79-	-	-	-	-	-	-	-	-	-	-	-	6021	-	-
10/79	-	-	-	2928	2707	5635	1766	1896	3662	-	-	-	-	-
02/81	-	-	-	3879	3157	7036	2303	2644	4947	3635	3773	7408	9817	-
02/81	-	-	-	3669	3252	6921	2277	2556	4833	-	-	-	-	-
04/83	-	-	-	3253	3138	6391	2061	2291	4352	3220	3105	6325	8534	-
06/06-07/85	-	-	-	3893	3834	7727	2949	2944	5893	3951	3937	7888	10793	-
05/12-13/87	-	-	-	4348	4333	8681	-	-	-	4325	4061	8386	-	-
05/12-13/87	-	-	-	-	-	-	3050	2949	5999	4250	4296	8546	-	-
09/28-29/89	7768	6962	14730	4656	4543	9199	-	-	-	5521	6567	12088	-	-
09/28-29/89	-	-	-	-	-	-	7092	7022	14114	-	-	-	-	-

\*New leg per Field Crew Sketch 9/89. STATION NO: 22-C

State of Hawaii, Department of Transportation, Highways Division

11-Oct-89

TC NO. 2203  
ID NO. 2911

STATION DESCRIPTION: AHIKUNI ROAD  
AT KAPULE HWY. LEG 1  
KAUAI

ISLAND: KAUAI  
STATION NO: 22C  
AUX NO: 22C  
FUND SYSTEM:  
FILE: LEG 1

COUNT GROUP ID: M.P.:  
ROUTE NO: KAPULE HIGHWAY  
HWY ST NAME: TO MAHILIHILI  
MOV(1): DIR: TO HANAMAULU  
MOV(5): DIR: TO HANAMAULU

CORRIDOR ID:  
SURVEY DATE:

D-612 REG SURVEY DATE: 10/04/89  
D-021 REG SURVEY DATE: 10/04/89

ASSIGNED DATE: *Refer*

START TIME: 15:00  
START TIME: 15:00

TIME-AM	MOV 1	MOV 5	TOTAL	TIME-AM	MOV 1	MOV 5	TOTAL	TIME-PM	MOV 1	MOV 5	TOTAL
12:00-12:15	11	22	33	6:00-6:15	94	41	135	12:00-12:15	151	97	248
12:15-12:30	16	15	31	6:15-6:30	126	46	172	12:15-12:30	122	124	246
12:30-12:45	4	17	21	6:30-6:45	169	71	240	12:30-12:45	128	120	248
12:45-1:00	4	8	12	6:45-7:00	209	51	260	12:45-1:00	132	104	236
1:00-1:15	4	9	13	7:00-7:15	197	76	273	1:00-1:15	133	135	268
1:15-1:30	9	8	17	7:15-7:30	232	69	301	1:15-1:30	132	134	266
1:30-1:45	0	7	7	7:30-7:45	225	94	319	1:30-1:45	139	139	278
1:45-2:00	6	2	8	7:45-8:00	225	79	304	1:45-2:00	152	119	271
2:00-2:15	1	6	7	8:00-8:15	155	76	231	2:00-2:15	140	161	301
2:15-2:30	3	2	5	8:15-8:30	159	69	228	2:15-2:30	107	142	249
2:30-2:45	2	1	3	8:30-8:45	152	66	218	2:30-2:45	122	161	283
2:45-3:00	3	4	7	8:45-9:00	152	81	233	2:45-3:00	117	154	271
3:00-3:15	1	6	7	9:00-9:15	121	82	203	3:00-3:15	121	154	275
3:15-3:30	0	4	4	9:15-9:30	159	74	233	3:15-3:30	99	141	240
3:30-3:45	6	4	10	9:30-9:45	174	68	242	3:30-3:45	120	183	303
3:45-4:00	1	5	6	9:45-10:00	135	86	221	3:45-4:00	102	156	278
4:00-4:15	1	5	6	10:00-10:15	135	77	212	4:00-4:15	102	168	270
4:15-4:30	6	8	14	10:15-10:30	127	108	235	4:15-4:30	99	173	272
4:30-4:45	8	5	13	10:30-10:45	126	127	253	4:30-4:45	110	197	307
4:45-5:00	11	10	21	10:45-11:00	131	113	244	4:45-5:00	101	153	254
5:00-5:15	28	3	31	11:00-11:15	130	87	217	5:00-5:15	80	138	218
5:15-5:30	43	3	46	11:15-11:30	125	108	233	5:15-5:30	105	151	256
5:30-5:45	62	18	80	11:30-11:45	96	108	204	5:30-5:45	92	132	224
5:45-6:00	75	18	93	11:45-12:00	131	104	235	5:45-6:00	90	114	204
TOTAL											
MOV 1 694 MOV 5 694 TOTAL 1388											

AM COMPUTER PERIOD (05:00 - 09:00)	MOV 1	MOV 5	TOTAL	PM COMPUTER PERIOD (15:00 - 19:00)	MOV 1	MOV 5	TOTAL
TWO-DIRECTIONAL PERK:				TWO-DIRECTIONAL PERK:			
AM-PEAK HR TIME	877	318	1,195	AM-PEAK HR TIME	433	694	1,127
AM-PEAK HR VOLUME			1,111	AM-PEAK HR VOLUME	38.42	61.58	100.00
AM-K FACTOR(S)			100.00	AM-K FACTOR(S)			100.00
AM-D 1				AM-D 1			
DIRECTIONAL PERK:				DIRECTIONAL PERK:			
AM PERK-HR TIME	73.39	26.61	100.00	AM PERK-HR TIME	3:00 PM-4:00 PM	3:45 PM-4:45 PM	694
AM PERK-HR VOLUME				AM PERK-HR VOLUME			
PM PERIOD (00:00-12:00)				PM PERIOD (12:00-24:00)			
TWO-DIRECTIONAL PERK:				TWO-DIRECTIONAL PERK:			
PM-PEAK HR TIME	877	318	1,195	PM-PEAK HR TIME	433	694	1,127
PM-PEAK HR VOLUME			1,111	PM-PEAK HR VOLUME	38.42	61.58	100.00
PM-K FACTOR(S)			100.00	PM-K FACTOR(S)			100.00
PM-D 1				PM-D 1			
MON-COMPUTER PERIOD (09:00 - 15:00)				MON-COMPUTER PERIOD (15:00 - 19:00)			
TWO-DIRECTIONAL PERK:				TWO-DIRECTIONAL PERK:			
PM-PEAK HR TIME	521	583	1,104	PM-PEAK HR TIME	3:00 PM-4:00 PM	3:45 PM-4:45 PM	694
PM-PEAK HR VOLUME				PM-PEAK HR VOLUME			
DIRECTIONAL PERK:				DIRECTIONAL PERK:			
PM PERK-HR TIME	9:15 PM-10:15 PM	1:45 PM-2:45 PM	583	PM PERK-HR TIME			
PM PERK-HR VOLUME				PM PERK-HR VOLUME			

04-Oct-89

State of Hawaii, Department of Transportation, Highways Division

ISLAND: KAUAI  
STATION NO: 2203  
AUX NO: 2930  
FUND SYSTEM:  
FILE: LEG 2

STATION DESCRIPTION: KAPULE HIGHWAY,  
AT AHUKINI RD, MOV6-TO AIRPORT, MOV6-LTHU  
KAUAI LEG 2

TC NO.  
ID NO. 2203  
2930

COUNT GROUP ID:  
ROUTE NO  
HWY ST NAME AHUKINI ROAD  
MOV(2) ; DIR: TO AIRPORT-Lihue Airport  
MOV(6) ; DIR: TO KUHIO HWY

M.P.:  
CORRIDOR ID:  
SURVEY DATE:

ASSIGNED DATE:  
D-01 BEG SURVEY DATE: 09/28/89  
D-02 BEG SURVEY DATE: 09/28/89

START TIME: 07:00  
START TIME: 07:00

TIME-AM	MOV 2	MOV 6	MOV 2	MOV 6	MOV 2	MOV 6	MOV 2	MOV 6	TOTAL	TIME-PM	MOV 2	MOV 6	TOTAL
12:00-12:15	2	5	7	69	85	63	148	66	143	6:00-6:15	77	66	143
12:15-12:30	3	2	8	84	84	73	157	61	134	6:15-6:30	73	61	134
12:30-12:45	2	2	5	98	103	64	167	67	117	6:30-6:45	50	67	117
12:45-1:00	3	2	9	135	173	79	152	55	92	6:45-7:00	37	55	92
1:00-1:15	4	1	4	136	87	72	159	49	104	7:00-7:15	48	54	104
1:15-1:30	3	1	4	153	74	84	158	50	104	7:15-7:30	50	54	104
1:30-1:45	4	1	3	193	75	80	145	36	62	7:30-7:45	26	36	62
1:45-2:00	3	1	4	198	83	93	176	22	50	7:45-8:00	28	22	50
2:00-2:15	3	0	3	144	77	88	178	15	55	8:00-8:15	40	15	55
2:15-2:30	3	0	3	136	67	88	187	27	64	8:15-8:30	37	27	64
2:30-2:45	0	0	0	169	106	99	198	27	58	8:30-8:45	31	27	58
2:45-3:00	2	0	7	166	71	83	178	36	67	8:45-9:00	31	36	67
3:00-3:15	3	0	6	127	78	83	188	31	72	9:00-9:15	41	31	72
3:15-3:30	3	0	3	131	71	84	163	23	45	9:15-9:30	23	45	68
3:30-3:45	3	0	3	163	80	84	201	22	50	9:30-9:45	21	22	50
3:45-4:00	4	1	5	138	117	84	171	32	53	9:45-10:00	21	32	53
4:00-4:15	1	1	1	141	91	80	171	22	44	10:00-10:15	22	22	44
4:15-4:30	6	4	11	136	79	92	171	20	40	10:15-10:30	20	20	40
4:30-4:45	4	6	10	154	140	81	181	16	34	10:30-10:45	18	16	34
4:45-5:00	5	4	9	146	140	75	215	15	36	10:45-11:00	11	15	26
5:00-5:15	8	9	17	153	159	78	177	10	21	11:00-11:15	11	10	21
5:15-5:30	8	18	26	157	177	71	148	7	19	11:15-11:30	12	7	19
5:30-5:45	11	26	37	155	157	65	134	11	15	11:30-11:45	12	11	23
5:45-6:00	20	29	49	157	157	84	160	5	10	11:45-12:00	11	5	16

AM COMPUTER PERIOD (05:00 - 09:00)	MOV 2	MOV 6	TOTAL	PM COMPUTER PERIOD (15:00 - 19:00)	MOV 2	MOV 6	TOTAL
TWO-DIRECTIONAL PERK:							
AM-PEAK HR TIME	306	382	688	4:00 PM-5:00 PM	326	744	1070
AM-PEAK HR VOLUME	44.48	55.52	100.00	4:00 PM-5:00 PM	43.82	100.00	143.82
AM-K FACTOR(%)							
AM-D %							
DIRECTIONAL PERK:							
AM PEAK-HR TIME	7:15 AM-8:15 AM	7:15 PM-8:15 PM	382	3:00 PM-4:00 PM	342		
AM PEAK-HR VOLUME	306	382	688	4:00 PM-5:00 PM	418		
AM-K FACTOR(%)							
AM-D %							
PM PERIOD (12:00-24:00)							
TWO-DIRECTIONAL PERK:							
PM-PEAK HR TIME	7:15 AM-8:15 PM	7:15 AM-8:15 PM	688	2:15 PM-3:15 PM	751		
PM-PEAK HR VOLUME	306	382	688	2:15 PM-3:15 PM	8.16		
PM-K FACTOR(%)							
PM-D %							
NON-COMPUTER PERIOD (09:00 - 15:00)							
TWO-DIRECTIONAL PERK:							
PEAK HR TIME	2:00 PM-3:00 PM	1:15 PM-2:15 PM	361	2:15 PM-3:15 PM	751		
PEAK HR VOLUME	390	351	741	2:15 PM-3:15 PM	8.16		
DIRECTIONAL PERK:							
PEAK HR TIME	2:00 PM-3:00 PM	1:15 PM-2:15 PM	361	2:15 PM-3:15 PM	751		
PEAK HR VOLUME	390	351	741	2:15 PM-3:15 PM	8.16		
DIRECTIONAL PERK:							
PEAK HR TIME	2:00 PM-3:00 PM	1:15 PM-2:15 PM	361	2:15 PM-3:15 PM	751		
PEAK HR VOLUME	390	351	741	2:15 PM-3:15 PM	8.16		

04-Oct-89

State of Hawaii, Department of Transportation, Highways Division

ISLAND: KAUAI  
STATION NO: 22C  
AUX NO:  
FUND SYSTEM:  
FILE: LEG 3

STATION DESCRIPTION: *Ahukini Rd of*  
KAPALE HIGHWAY, MOV3-TO KUHIO HWY/HANAMAU  
LEG 3

COUNT GROUP ID:  
ROUTE NO  
M.P.:  
HWY ST NAME KAPALE HIGHWAY  
MOV3 ), DIR: TO HANAMAU  
MOV4 ), DIR: TO NAWILITHILI ROAD

IC NO. 2203  
ID NO. 2917

ASSIGNED DATE:

START TIME: 07:15  
START TIME: 07:15

D-01 REG SURVEY DATE: 09/28/89  
D-02 BEG SURVEY DATE: 09/28/89

TIME-AM	MOV 3	MOV 7	MOV 3	MOV 7	MOV 3	MOV 7	MOV 3	MOV 7	MOV 3	MOV 7	TOTAL		
12:00-12:15	14	11	33	57	90	12:00-12:15	102	103	205	6:00-6:15	116	94	210
12:15-12:30	18	5	41	96	137	12:15-12:30	131	118	249	6:15-6:30	112	102	214
12:30-12:45	13	9	64	123	187	12:30-12:45	106	114	220	6:30-6:45	95	90	185
12:45-1:00	15	8	66	157	223	12:45-1:00	124	120	246	6:45-7:00	73	71	144
1:00-1:15	20	3	76	149	225	1:00-1:15	125	111	245	7:00-7:15	63	51	114
1:15-1:30	9	4	70	159	249	1:15-1:30	135	125	247	7:15-7:30	70	72	141
1:30-1:45	16	4	83	162	245	1:30-1:45	107	118	232	7:30-7:45	56	46	102
1:45-2:00	17	8	110	152	262	1:45-2:00	138	94	256	7:45-8:00	58	44	102
2:00-2:15	16	2	93	121	214	2:00-2:15	147	107	241	8:00-8:15	58	48	106
2:15-2:30	9	2	67	134	201	2:15-2:30	145	107	252	8:15-8:30	50	50	100
2:30-2:45	7	2	95	146	241	2:30-2:45	136	136	272	8:30-8:45	35	35	70
2:45-3:00	7	4	88	126	214	2:45-3:00	123	133	255	8:45-9:00	43	39	82
3:00-3:15	4	4	89	126	215	3:00-3:15	169	96	265	9:00-9:15	66	33	99
3:15-3:30	8	3	109	132	242	3:15-3:30	161	123	284	9:15-9:30	48	47	95
3:30-3:45	9	4	109	132	241	3:30-3:45	172	113	301	9:30-9:45	36	27	63
3:45-4:00	9	5	107	118	225	3:45-4:00	133	113	246	9:45-10:00	47	34	81
4:00-4:15	14	7	104	114	218	4:00-4:15	167	103	290	10:00-10:15	36	27	63
4:15-4:30	12	7	100	111	211	4:15-4:30	166	128	286	10:15-10:30	41	26	67
4:30-4:45	15	11	108	111	219	4:30-4:45	177	128	305	10:30-10:45	47	25	72
4:45-5:00	9	3	113	123	236	4:45-5:00	143	92	235	10:45-11:00	20	18	38
5:00-5:15	3	17	95	121	216	5:00-5:15	130	81	211	11:00-11:15	40	20	60
5:15-5:30	13	32	107	119	226	5:15-5:30	148	90	238	11:15-11:30	31	10	41
5:30-5:45	10	31	108	111	219	5:30-5:45	133	98	231	11:30-11:45	35	12	47
5:45-6:00	24	47	122	151	273	5:45-6:00	111	115	226	11:45-12:00	20	7	27

AM COMPUTER PERIOD (05:00 - 09:00)	MOV 3	MOV 7	TOTAL	PM COMPUTER PERIOD (15:00 - 19:00)	MOV 3	MOV 7	TOTAL
TWO-DIRECTIONAL PEAK:							
AM-PEAK HR TIME	339	622	7:00 AM-8:00 AM	PM-PEAK HR TIME	464	464	3:45 PM-4:45 PM
AM-K FACTOR(K)	35.28	64.72	6.81	PM-K FACTOR(K)	663	663	1.127
AM-D X			100.00	PM-D X	58.83	58.83	7.98
DIRECTIONAL PEAK:							
AM PEAK-HR TIME	7:45 AM-8:15 AM	6:45 AM-7:15 AM	627	PM PEAK-HR TIME	3:15 PM-4:15 PM	468	100.00
AM PEAK-HR VOLUME	339	622	627	PM PEAK-HR VOLUME	464	468	
AM PERIOD (00:00-12:00)							
TWO-DIRECTIONAL PEAK:							
AM-PEAK HR TIME	339	622	7:00 AM-8:00 AM	PM PERIOD (12:00-24:00)			
AM-K FACTOR(K)	35.28	64.72	6.81	PM-PEAK HR TIME	464	464	3:45 PM-4:45 PM
AM-D X			100.00	PM-K FACTOR(K)	58.83	58.83	1.127
NON-COMPUTER PERIOD (09:00 - 15:00)							
TWO-DIRECTIONAL PEAK:							
PEAK HR TIME	566	455	1:45 PM-2:45 PM	PEAK HR TIME	41.17	41.17	100.00
PEAK HR VOLUME	566	455	1,021	PEAK HR VOLUME	3,052	3,052	5,209
DIRECTIONAL PEAK:							
PEAK HR TIME	1:45 PM-2:45 PM	9:00 AM-10:00 AM	509	PEAK HR TIME	3,298	3,298	5,707
PEAK HR VOLUME	566	509	509	PEAK HR VOLUME	2,350	2,350	6,039
				PEAK HR TIME	3,766	3,766	8,407
				PEAK HR VOLUME	7,022	7,022	14,114
					49.75	49.75	100.00

State of Hawaii, Department of Transportation, Highways Division

04-Oct-89

IC NO. 2903  
ID NO. 2919

STATION DESCRIPTION: *Ahukini Road*  
KAPULE HIGHWAY, MOV4-TO KAPULE HWY/LIHUE  
LEG 4

CORRIDOR ID:  
SURVEY DATE: D-02  
BEG SURVEY DATE: 09/28/89

ASSIGNED DATE:  
START TIME: 07:00  
START TIME: 07:00

ISLAND: KAUAI  
STATION NO: 22C  
AUX NO:  
FUND SYSTEM:  
FILE: LEG 4

COUNT GROUP ID:  
ROUTE NO:  
HWY ST NAME: AHUKINI ROAD  
MOV4 1, DIR: TO KUHIO HWY  
MOV18 1, DIR: TO AIRPORT LIHUE AIRPORT

M.P.:

TIME-AM	MOV 4	MOV 8	TOTAL	TIME-PM	MOV 4	MOV 8	TOTAL
12:00-12:15	0	2	2	118	119	237	
12:15-12:30	1	1	2	96	95	191	
12:30-12:45	2	0	2	126	74	200	
12:45-1:00	5	0	5	156	103	259	
1:00-1:15	1	2	3	172	110	282	
1:15-1:30	2	0	2	142	107	249	
1:30-1:45	2	1	3	155	123	278	
1:45-2:00	4	0	4	191	115	306	
2:00-2:15	1	1	2	157	98	255	
2:15-2:30	0	2	2	180	114	294	
2:30-2:45	0	0	0	249	114	363	
2:45-3:00	0	3	3	230	126	356	
3:00-3:15	1	1	2	209	93	302	
3:15-3:30	5	3	8	269	143	412	
3:30-3:45	2	4	6	251	148	399	
3:45-4:00	2	2	4	219	108	327	
4:00-4:15	2	2	4	224	96	320	
4:15-4:30	4	4	8	189	117	306	
4:30-4:45	5	4	9	223	98	321	
4:45-5:00	3	3	6	203	111	314	
5:00-5:15	16	21	37	196	99	295	
5:15-5:30	30	16	46	228	85	313	
5:30-5:45	52	30	82	221	92	313	
5:45-6:00	62	72	134	270	111	381	
TOTAL	10	109	119	270	111	381	

AM COMPUTER PERIOD (05:00 - 09:00)	MOV 4	MOV 8	TOTAL
TWO-DIRECTIONAL PEAK:			
AM-PEAK HR TIME	354	462	816
AM-PEAK HR VOLUME	43.38	56.62	100.00
AM-K FACTOR(S)			
AM-D %			
DIRECTIONAL PEAK:			
AM PEAK-HR TIME	8:00 AM	8:00 AM	8:00 AM
AM PEAK-HR VOLUME	354	462	816
AM PERIOD (00:00-12:00)			
TWO-DIRECTIONAL PEAK:			
AM-PEAK HR TIME	410	553	963
AM-PEAK HR VOLUME	42.58	57.42	100.00
AM-K FACTOR(S)			
AM-D %			

PM COMPUTER PERIOD (15:00 - 19:00)	MOV 4	MOV 8	TOTAL
TWO-DIRECTIONAL PEAK:			
PM-PEAK HR TIME	451	468	919
PM-PEAK HR VOLUME	49.08	50.92	100.00
PM-K FACTOR(S)			
PM-D %			
DIRECTIONAL PEAK:			
PM PEAK-HR TIME	5:45 PM	5:15 PM	5:15 PM
PM PEAK-HR VOLUME	458	460	918
PM PERIOD (12:00-24:00)			
TWO-DIRECTIONAL PEAK:			
PM-PEAK HR TIME	481	488	969
PM-PEAK HR VOLUME	49.64	50.36	100.00
PM-K FACTOR(S)			
PM-D %			

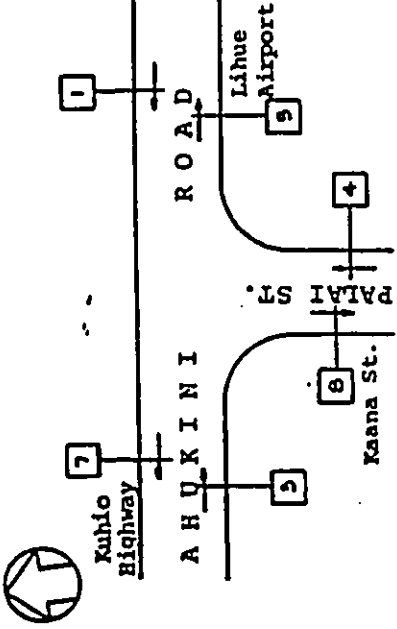
NON-COMPUTER PERIOD (09:00 - 15:00)	MOV 4	MOV 8	TOTAL
TWO-DIRECTIONAL PEAK:			
PEAK HR TIME	1:00 PM	11:30 AM	11:30 AM
PEAK HR VOLUME	410	553	963
DIRECTIONAL PEAK:			
PEAK HR TIME	1:00 PM	11:30 AM	11:30 AM
PEAK HR VOLUME	410	553	963

6-HR, 12-HR, AND 24-HR PERIODS	MOV 4	MOV 8	TOTAL
AM 6-HR PERIOD (05:00 - 12:00)	1942	2732	4674
AM 12-HR PERIOD (00:00 - 12:00)	2010	2957	4967
AM 6-HR PERIOD (12:00 - 18:00)	2474	2861	5335
PM 6-HR PERIOD (12:00 - 18:00)	3511	3610	7121
PM 12-HR PERIOD (12:00 - 24:00)	5521	5567	11088
24 HOUR PERIOD	45.67	54.33	100.00

### 24-HOUR TRAFFIC COUNT-STATION SUMMARY

Station No: 22-F      Count Type: \_\_\_\_\_      Group: \_\_\_\_\_      Old No: \_\_\_\_\_

Location: Ahukini Road at Palai Street



#### INTERSECTION APPROACHES

STATION CHARACTERISTICS	INTERSECTION APPROACHES			
	LEG 1	LEG 2	LEG 3	LEG 4
Traffic Control	None		None	Stop
Width of Approach (Ft)				
No. of Lanes at Approach	1		1	1
Separate Turning Lane (Lt., Rt., Lt./Rt.)	None		None	None
Parking (AM, PM, ALL Day, None)				
Bus Stop (NS: Near Side/FS: Far Side)	None		None	None

DATE	24-HOUR TRAFFIC VOLUME BY MOVEMENT												VEHICLES ENTERING INTERSECTION	
	MOV 01	MOV 05	TOTAL	MOV 02	MOV 06	TOTAL	MOV 03	MOV 07	TOTAL	MOV 04	MOV 08	TOTAL	TOTAL	INTERSECTION
06/25-26/85	4091	4124	8215	-	-	-	4174	4171	8345	358	362	720		8623
05/07-08/87	4229	4451	8680	-	-	-	4602	4536	9138	355	438	795		9491
09/27-28/89	4596	4383	8979	-	-	-	4250	4356	8606	420	394	814		9266

State of Hawaii, Department of Transportation, Highways Division

Volume Unclassified Output #1

10/13/89 17:14

ISLAND: 3  
 STATION NO: 22-F STATION DESCRIPTION: AHUKIMI ROAD, AT PALAI STREET  
 CORRIDOR ID:  
 AUX NO: 22-F COUNT GROUP ID: M.P.  
 ROUTE NO:  
 FUND SYSTEM: HWY ST NAME: AHUKINI ROAD  
 FILE: LEG1 MOV ( 1 ), DIR: TO KUHIO HIGHWAY  
 MOV ( 5 ), DIR: TO LIHUE AIRPORT

SURVEY DATE: 09/27/89 - 09/28/89 ASSIGNED DATE: 09/28/89  
 D-2 BEG SURVEY DATE: 09/27/89 START TIME: 12:00  
 D-1 BEG SURVEY DATE: 09/27/89 START TIME: 12:00

TIME-AM	MOV 1	MOV 5	TOTAL	TIME-AM	MOV 1	MOV 5	TOTAL	TIME-PM	MOV 1	MOV 5	TOTAL	TIME-PM	MOV 1	MOV 5	TOTAL
00:00 - 00:15	10	4	14	06:00 - 06:15	31	40	71	12:00 - 12:15	89	88	177	18:00 - 18:15	51	53	104
00:15 - 00:30	3	3	6	06:15 - 06:30	38	46	84	12:15 - 12:30	56	80	136	18:15 - 18:30	97	54	151
00:30 - 00:45	2	4	6	06:30 - 06:45	58	48	106	12:30 - 12:45	70	92	162	18:30 - 18:45	57	52	109
00:45 - 01:00	5	6	11	06:45 - 07:00	82	81	163	12:45 - 13:00	68	93	161	18:45 - 19:00	58	45	103
01:00 - 01:15	4	3	7	07:00 - 07:15	74	55	129	13:00 - 13:15	74	65	139	19:00 - 19:15	52	35	87
01:15 - 01:30	2	3	5	* 07:15 - 07:30	88	72	160	13:15 - 13:30	94	81	175	19:15 - 19:30	41	37	78
01:30 - 01:45	4	1	5	* 07:30 - 07:45	121	84	205	13:30 - 13:45	91	101	192	19:30 - 19:45	26	40	66
01:45 - 02:00	2	3	5	* 07:45 - 08:00	110	86	196	13:45 - 14:00	80	83	163	19:45 - 20:00	24	32	56
02:00 - 02:15	2	1	3	* 08:00 - 08:15	83	62	145	14:00 - 14:15	76	75	151	20:00 - 20:15	16	27	43
02:15 - 02:30	1	5	6	08:15 - 08:30	80	57	137	14:15 - 14:30	83	97	180	20:15 - 20:30	24	25	49
02:30 - 02:45	1	2	3	08:30 - 08:45	114	72	186	14:30 - 14:45	80	68	148	20:30 - 20:45	26	26	52
02:45 - 03:00	3	1	4	08:45 - 09:00	75	86	161	14:45 - 15:00	80	69	149	20:45 - 21:00	35	26	61
03:00 - 03:15	4	1	5	09:00 - 09:15	82	48	130*	15:00 - 15:15	97	71	168	21:00 - 21:15	30	23	53
03:15 - 03:30	2	2	4	09:15 - 09:30	73	58	131*	15:15 - 15:30	91	78	169	21:15 - 21:30	27	15	42
03:30 - 03:45	2	0	2	09:30 - 09:45	84	79	163*	15:30 - 15:45	97	110	207	21:30 - 21:45	33	21	54
03:45 - 04:00	2	0	2	09:45 - 10:00	81	65	146*	15:45 - 16:00	67	86	153	21:45 - 22:00	16	19	35
04:00 - 04:15	0	0	0	10:00 - 10:15	71	64	135	16:00 - 16:15	84	80	164	22:00 - 22:15	21	14	35
04:15 - 04:30	2	4	6	10:15 - 10:30	68	76	144	16:15 - 16:30	78	95	173	22:15 - 22:30	14	10	24
04:30 - 04:45	4	7	11	10:30 - 10:45	89	69	158	16:30 - 16:45	82	120	202	22:30 - 22:45	13	8	21
04:45 - 05:00	5	9	14	10:45 - 11:00	90	64	154	16:45 - 17:00	67	91	158	22:45 - 23:00	12	13	25
05:00 - 05:15	3	9	12	11:00 - 11:15	54	71	125	17:00 - 17:15	67	77	144	23:00 - 23:15	9	8	17
05:15 - 05:30	13	11	24	11:15 - 11:30	74	82	156	17:15 - 17:30	69	88	157	23:15 - 23:30	6	7	13
05:30 - 05:45	10	22	32	11:30 - 11:45	84	81	165	17:30 - 17:45	77	64	141	23:30 - 23:45	6	7	13
05:45 - 06:00	21	28	49	11:45 - 12:00	79	84	163	17:45 - 18:00	64	60	124	23:45 - 00:00	4	6	10
AM-TOTAL			1990	MOV- 1			3749	PM-TOTAL			2606	MOV- 5			5230
			1883	MOV- 5			3513	12:00-6:00 TOT			1901	MOV- 1			3913
			402	MOV- 1			706	PM-PEAK HR TIME			15:00 - 16:00	MOV- 5			697
			56.9	AM D-% (PEAK-HR)			100.00	*PEAK-HR TOTAL			352	MOV- 1			100.00
			53.1	AM D-% (MN-12N)			100.00	PM D-% (PEAK-HR)			50.5	MOV- 5			100.00
				AM K FACTOR			7.9	PM D-% (12M-MN)			49.8	MOV- 1			7.8
				DIRECTIONAL TOTALS			MOV- 5	PM K FACTOR			4383	MOV- 5			8979
				MOV- 1			51.2	24-HOUR TOTAL			8979	MOV- 1			
				MOV- 5			51.2					MOV- 5			



State of Hawaii, Department of Transportation, Highways Division

Volume Unclassified Output #1

10/13/89 17:14

ISLAND: 3  
 STATION NO: 22-F STATION DESCRIPTION: AHUKINI ROAD,  
 AT PALAI STREET  
 AUX NO: 22-F COUNT GROUP ID: M.P.:  
 FUND SYSTEM: ROUTE NO:  
 FILE: LEG3 HWY ST NAME: AHUKINI ROAD  
 MOV ( 3 ), DIR: TO LIHUE AIRPORT  
 MOV ( 7 ), DIR: TO KUHIO HIGHWAY

SURVEY DATE: 09/27/89 - 09/28/89  
 CORRIDOR ID:  
 SURVEY DATE: 09/27/89  
 BEG SURVEY DATE: 09/27/89  
 BEG SURVEY DATE: 09/27/89  
 ASSIGNED DATE: 09/28/89

TIME-AM	MOV 3	MOV 7	TOTAL	TIME-AM	MOV 3	MOV 7	TOTAL	TIME-PM	MOV 3	MOV 7	TOTAL	TOT	
00:00 - 00:15	3	9	12	06:00 - 06:15	36	27	63	12:00 - 12:15	90	83	173	48	
00:15 - 00:30	4	4	8	06:15 - 06:30	40	38	78	12:15 - 12:30	80	59	139	105	
00:30 - 00:45	4	2	6	06:30 - 06:45	46	56	102	12:30 - 12:45	85	65	150	142	
00:45 - 01:00	5	4	9	06:45 - 07:00	73	76	149	12:45 - 13:00	92	67	159	98	
01:00 - 01:15	3	3	6	07:00 - 07:15	53	65	118	13:00 - 13:15	69	72	141	96	
01:15 - 01:30	3	2	5	07:15 - 07:30	66	73	139	13:15 - 13:30	72	92	164	87	
01:30 - 01:45	1	4	5	07:30 - 07:45	75	106	181*	13:30 - 13:45	107	87	194	66	
01:45 - 02:00	3	2	5	07:45 - 08:00	76	106	182*	13:45 - 14:00	80	82	162	63	
02:00 - 02:15	2	2	4	08:00 - 08:15	62	77	139*	14:00 - 14:15	69	74	143	51	
02:15 - 02:30	2	0	2	08:15 - 08:30	60	78	138*	14:15 - 14:30	101	79	180	45	
02:30 - 02:45	2	1	3	08:30 - 08:45	68	106	174	14:30 - 14:45	60	76	136	52	
02:45 - 03:00	1	3	4	08:45 - 09:00	87	74	161	14:45 - 15:00	67	72	139	43	
03:00 - 03:15	1	4	5	09:00 - 09:15	47	77	124	15:00 - 15:15	69	91	160	61	
03:15 - 03:30	2	1	3	09:15 - 09:30	59	71	130	15:15 - 15:30	85	83	168	54	
03:30 - 03:45	0	2	2	09:30 - 09:45	81	79	160	15:30 - 15:45	99	92	191	38	
03:45 - 04:00	0	2	2	09:45 - 10:00	65	79	144	15:45 - 16:00	82	64	146	33	
04:00 - 04:15	0	0	0	10:00 - 10:15	63	67	130	16:00 - 16:15	85	81	166	32	
04:15 - 04:30	4	2	6	10:15 - 10:30	76	64	140	16:15 - 16:30	88	77	165	30	
04:30 - 04:45	7	4	11	10:30 - 10:45	69	86	155	16:30 - 16:45	111	74	185	23	
04:45 - 05:00	8	5	13	10:45 - 11:00	63	86	149	16:45 - 17:00	84	61	145	21	
05:00 - 05:15	9	5	14	11:00 - 11:15	77	68	145	17:00 - 17:15	75	87	162	24	
05:15 - 05:30	14	12	26	11:15 - 11:30	77	70	147	17:15 - 17:30	85	64	149	19	
05:30 - 05:45	19	9	28	11:30 - 11:45	78	84	162	17:30 - 17:45	58	74	132	18	
05:45 - 06:00	27	22	49	11:45 - 12:00	86	74	160	17:45 - 18:00	57	61	118	13	
AM-TOTAL	MOV-3	MOV-7	TOTAL	PM-TOTAL	MOV-3	MOV-7	TOTAL	MOV-7	TOTAL	MOV-7	TOTAL	MOV-7	TOTAL
	1709	1891	3600	2541	3600	2541	6141	2465	5006	2465	5006	48	105

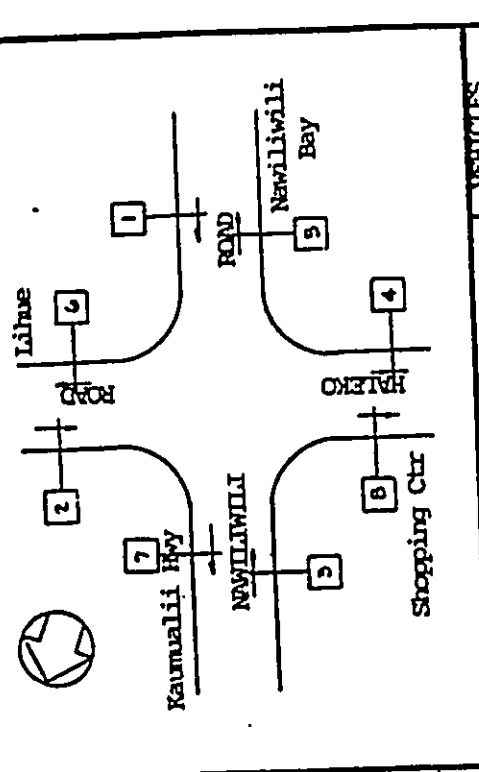
6:00-12:00 TOT 1583  
 AM-PEAK HR TIME 07:15 - 08:15 1787  
 \* PEAK-HR TOTAL 279  
 AM D-% (PEAK-HR) 43.5  
 AM D-% (MN-12N) 47.5  
 AM K FACTOR 7.4  
 DIRECTIONAL TOTALS MOV-3 3 DX - 4250 MOV-7 7 DX - 49.4

12:00-6:00 TOT 1950  
 PM-PEAK HR TIME 13:30 - 14:30 357  
 \*PEAK-HR TOTAL 322  
 PM D-% (PEAK-HR) 52.6  
 PM D-% (12N-MIN) 49.2  
 PM K FACTOR 7.9  
 24-HOUR TOTAL - 8606



3-E

### 24-HOUR TRAFFIC COUNT-STATION SUMMARY



HAWAII STATE DOT, HIGHWAYS DIVISION  
 Station No: 3-E      Count Type:      Group:      Old No:      Location: Nawiliwili Road at Haleko Road

STATION CHARACTERISTICS	INTERSECTION APPROACHES										VEHICLES ENTERING INTERSECTION
	LEG 1		LEG 2		LEG 3		LEG 4		TOTAL		
	MOV 01	TOTAL	MOV 02	TOTAL	MOV 03	TOTAL	MOV 04	TOTAL	MOV 05	TOTAL	
Traffic Control	None										6847
Width of Approach (Ft)	1										9892
No. of Lanes at Approach	1										12284
Separate Turning Lane (Lt, Rt, Lt/Rt)	None										14973
Parking (AM, PM, All Day, None)	None										
Bus Stop (NS: Near Side/FS: Far Side)	None										
24-HOUR TRAFFIC VOLUME BY MOVEMENT											
DATE	MOV 01	TOTAL	MOV 02	TOTAL	MOV 03	TOTAL	MOV 04	TOTAL	MOV 05	TOTAL	VEHICLES ENTERING INTERSECTION
04/20-21/83	2518	2764	1364	1242	1869	3708	1096	1002	2098	2098	6847
06/04-05/85	2984	3100	2137	1935	2514	4521	2257	2419	4676	4676	9892
05/07-12/87	3135	3605	2795	3247	3031	4954	3323	3062	6385	6385	12284
09/26-27/89	4674	4902	2495	2854	3859	6792	3945	3999	7944	7944	14973

STATION NO: 3-E  
 FORM TI 85-4 INTERSECTION

State of Hawaii, Department of Transportation, Highways Division

03-Oct-89

TC NO. 3002  
ID NO. 2922

STATION DESCRIPTION: NAWILIWILI ROAD  
AT HALEKO RD.  
KAUAI LEG 1

ISLAND: KAUAI  
STATION NO: 3E  
AUX NO: 3E  
FUND SYSTEM:  
FILE: LEG 1

COUNT GROUP ID: H.P.:  
ROUTE NO  
HWY ST NAME NAWILIWILI ROAD  
MOV(1) }, DIR: TO KAUAI LEG HWY.  
MOV(5) }, DIR: TO NAWILIWILI BAY

CORRIDOR ID:  
SURVEY DATE:  
D-01  
D-02

ASSIGNED DATE:  
START TIME: 14:00  
START TIME: 14:00

TIME-PM	MOV 1	MOV 5	TOTAL	TIME-AM	MOV 1	MOV 5	TOTAL	TIME-PH	MOV 1	MOV 5	TOTAL
12:00-12:15	4	2	6	6:00-6:15	24	15	39	12:00-12:15	101	103	204
12:15-12:30	2	2	4	6:15-6:30	28	48	76	12:15-12:30	95	75	170
12:30-12:45	2	2	4	6:30-6:45	40	69	109	12:30-12:45	81	77	158
1:00-1:15	2	2	4	6:45-7:00	48	91	139	1:00-1:15	87	74	161
1:15-1:30	1	6	7	7:00-7:15	66	111	177	1:15-1:30	107	83	190
1:30-1:45	2	2	4	7:15-7:30	98	149	247	1:30-1:45	117	121	238
1:45-2:00	3	3	6	7:30-7:45	119	170	289	1:45-2:00	118	109	227
2:00-2:15	2	2	4	7:45-8:00	54	104	158	2:00-2:15	115	95	210
2:15-2:30	2	2	4	8:00-8:15	74	53	127	2:15-2:30	119	88	207
2:30-2:45	2	2	4	8:15-8:30	59	68	127	2:30-2:45	87	84	171
2:45-3:00	1	1	2	8:30-8:45	89	77	166	2:45-3:00	86	84	170
3:00-3:15	0	6	6	8:45-9:00	63	78	141	3:00-3:15	71	75	146
3:15-3:30	0	1	1	9:00-9:15	95	66	161	3:15-3:30	80	62	142
3:30-3:45	1	1	2	9:15-9:30	77	76	153	3:30-3:45	62	63	125
3:45-4:00	1	1	2	9:30-9:45	66	77	143	3:45-4:00	62	62	124
4:00-4:15	1	1	2	9:45-10:00	77	78	155	4:00-4:15	96	96	192
4:15-4:30	1	1	2	10:00-10:15	79	76	155	4:15-4:30	79	82	161
4:30-4:45	1	1	2	10:15-10:30	77	76	153	4:30-4:45	92	94	186
4:45-5:00	2	2	4	10:30-10:45	84	80	164	4:45-5:00	77	72	149
5:00-5:15	2	2	4	10:45-11:00	97	84	181	5:00-5:15	66	64	130
5:15-5:30	10	7	17	11:00-11:15	83	74	157	5:15-5:30	88	88	176
5:30-5:45	13	9	22	11:15-11:30	92	74	166	5:30-5:45	86	86	172
5:45-6:00	10	14	24	11:30-11:45	75	80	155	5:45-6:00	63	63	126

MOV 1	MOV 5	TOTAL	MOV 1	MOV 5	TOTAL	MOV 1	MOV 5	TOTAL
34	54	88	34	54	88	34	54	88
41.58	58.82	100.40	41.58	58.82	100.40	41.58	58.82	100.40
7.00 AM - 8:00 AM	7.00 AM - 8:00 AM	7.00 AM - 8:00 AM	7.00 AM - 8:00 AM	7.00 AM - 8:00 AM	7.00 AM - 8:00 AM	7.00 AM - 8:00 AM	7.00 AM - 8:00 AM	7.00 AM - 8:00 AM
34	54	88	34	54	88	34	54	88
41.58	58.82	100.40	41.58	58.82	100.40	41.58	58.82	100.40
1:15 PM - 2:15 PM	1:15 PM - 2:15 PM	1:15 PM - 2:15 PM	1:15 PM - 2:15 PM	1:15 PM - 2:15 PM	1:15 PM - 2:15 PM	1:15 PM - 2:15 PM	1:15 PM - 2:15 PM	1:15 PM - 2:15 PM
53	41	94	53	41	94	53	41	94
1:15 PM - 2:15 PM	1:15 PM - 2:15 PM	1:15 PM - 2:15 PM	1:15 PM - 2:15 PM	1:15 PM - 2:15 PM	1:15 PM - 2:15 PM	1:15 PM - 2:15 PM	1:15 PM - 2:15 PM	1:15 PM - 2:15 PM
53	41	94	53	41	94	53	41	94
1:15 PM - 2:15 PM	1:15 PM - 2:15 PM	1:15 PM - 2:15 PM	1:15 PM - 2:15 PM	1:15 PM - 2:15 PM	1:15 PM - 2:15 PM	1:15 PM - 2:15 PM	1:15 PM - 2:15 PM	1:15 PM - 2:15 PM
53	41	94	53	41	94	53	41	94
1:15 PM - 2:15 PM	1:15 PM - 2:15 PM	1:15 PM - 2:15 PM	1:15 PM - 2:15 PM	1:15 PM - 2:15 PM	1:15 PM - 2:15 PM	1:15 PM - 2:15 PM	1:15 PM - 2:15 PM	1:15 PM - 2:15 PM
53	41	94	53	41	94	53	41	94
1:15 PM - 2:15 PM	1:15 PM - 2:15 PM	1:15 PM - 2:15 PM	1:15 PM - 2:15 PM	1:15 PM - 2:15 PM	1:15 PM - 2:15 PM	1:15 PM - 2:15 PM	1:15 PM - 2:15 PM	1:15 PM - 2:15 PM
53	41	94	53	41	94	53	41	94

03-Oct-89

State of Hawaii, Department of Transportation, Highways Division

ISLAND: KAUAI  
STATION NO: 3E  
AUX NO: 3E  
FUND SYSTEM:  
FILE: LEG 2

STATION DESCRIPTION: NAJILIWILI ROAD  
AT HALEKO RD.  
KAUAI LEG 2

TC NO. 3002  
ID NO. 2912

COUNT GROUP ID:  
ROUTE NO. M.P.:  
HAY ST NAME HALEKO ROAD

CORRIDOR ID:  
SURVEY DATE:

ASSIGNED DATE:

MOV(2) DIR: TO NAJILIWILI RD.  
MOV(6) DIR: TO HALA PUA RD/LIHUE

BEG SURVEY DATE: 09/26/89  
D-01

START TIME: 14:00

TIME-AM	MOV 2	MOV 6	TOTAL	TIME-AM	MOV 2	MOV 6	TOTAL	TIME-PM	MOV 2	MOV 6	TOTAL			
12:00-12:15	1	1	2	6:00-6:15	6	10	16	12:00-12:15	70	80	150	6:00-6:15	25	48
12:15-12:30	1	0	1	6:15-6:30	13	4	17	12:15-12:30	64	63	127	6:15-6:30	29	55
12:30-12:45	0	0	0	6:30-6:45	15	19	34	12:30-12:45	65	67	132	6:30-6:45	24	59
12:45-1:00	0	0	0	6:45-7:00	16	25	41	12:45-1:00	47	66	113	6:45-7:00	23	61
1:00-1:15	6	6	12	7:00-7:15	22	30	52	1:00-1:15	44	92	126	7:00-7:15	19	38
1:15-1:30	2	2	4	7:15-7:30	16	39	55	1:15-1:30	50	88	126	7:15-7:30	24	50
1:30-1:45	0	0	0	7:30-7:45	29	55	84	1:30-1:45	57	88	145	7:30-7:45	18	37
1:45-2:00	0	0	0	7:45-8:00	33	37	70	1:45-2:00	60	51	111	7:45-8:00	11	29
2:00-2:15	0	0	0	8:00-8:15	49	26	75	2:00-2:15	49	75	124	8:00-8:15	23	40
2:15-2:30	0	0	0	8:15-8:30	37	35	72	2:15-2:30	53	65	118	8:15-8:30	17	29
2:30-2:45	0	0	0	8:30-8:45	35	23	58	2:30-2:45	50	45	95	8:30-8:45	19	50
2:45-3:00	0	0	0	8:45-9:00	54	38	92	2:45-3:00	40	62	102	8:45-9:00	11	30
3:00-3:15	5	5	10	9:00-9:15	47	41	88	3:00-3:15	51	44	95	9:00-9:15	11	20
3:15-3:30	0	0	0	9:15-9:30	39	46	85	3:15-3:30	40	62	102	9:15-9:30	10	20
3:30-3:45	1	1	2	9:30-9:45	48	57	105	3:30-3:45	40	41	85	9:30-9:45	5	22
3:45-4:00	1	1	2	9:45-10:00	72	54	126	3:45-4:00	51	57	108	9:45-10:00	7	11
4:00-4:15	0	0	0	10:00-10:15	41	44	85	4:00-4:15	41	73	114	10:00-10:15	7	16
4:15-4:30	0	0	0	10:15-10:30	53	55	108	4:15-4:30	42	60	102	10:15-10:30	4	19
4:30-4:45	0	0	0	10:30-10:45	45	54	99	4:30-4:45	52	63	138	10:30-10:45	1	2
4:45-5:00	1	1	2	10:45-11:00	85	69	154	4:45-5:00	75	55	130	10:45-11:00	1	8
5:00-5:15	1	1	2	11:00-11:15	63	57	120	5:00-5:15	49	44	93	11:00-11:15	5	6
5:15-5:30	1	1	2	11:15-11:30	48	47	95	5:15-5:30	41	44	85	11:15-11:30	1	3
5:30-5:45	1	1	2	11:30-11:45	57	60	117	5:30-5:45	40	59	99	11:30-11:45	3	4
5:45-6:00	2	2	4	11:45-12:00	62	62	124	5:45-6:00	25	51	76	11:45-12:00	1	4

AM COMPUTER PERIOD (05:00 - 09:00)

TIME-DIRECTIONAL PERIOD	MOV 2	MOV 6	TOTAL
AM-DIRECTIONAL PERIOD	100	153	253
AM-PEAK OR TIME	100.00	153.00	253.00
AM-PEAK OR VOLUME	100.00	153.00	253.00
AM-F FACTOR(S)	1.00	1.00	1.00
AM-F	100.00	153.00	253.00

AM PERIOD (09:00-12:00)

TIME-DIRECTIONAL PERIOD	MOV 2	MOV 6	TOTAL
AM-DIRECTIONAL PERIOD	253	233	486
AM-PEAK OR TIME	253.00	233.00	486.00
AM-PEAK OR VOLUME	253.00	233.00	486.00
AM-F FACTOR(S)	1.00	1.00	1.00
AM-F	253.00	233.00	486.00

AM COMPUTER PERIOD (09:00 - 15:00)

TIME-DIRECTIONAL PERIOD	MOV 2	MOV 6	TOTAL
AM-DIRECTIONAL PERIOD	253	233	486
AM-PEAK OR TIME	253.00	233.00	486.00
AM-PEAK OR VOLUME	253.00	233.00	486.00
AM-F FACTOR(S)	1.00	1.00	1.00
AM-F	253.00	233.00	486.00

PM COMPUTER PERIOD (15:00 - 19:00)

TIME-DIRECTIONAL PERIOD	MOV 2	MOV 6	TOTAL
PM-DIRECTIONAL PERIOD	209	253	462
PM-PEAK OR TIME	209.00	253.00	462.00
PM-PEAK OR VOLUME	209.00	253.00	462.00
PM-F FACTOR(S)	1.00	1.00	1.00
PM-F	209.00	253.00	462.00

PM PERIOD (12:00-24:00)

TIME-DIRECTIONAL PERIOD	MOV 2	MOV 6	TOTAL
PM-DIRECTIONAL PERIOD	210	253	463
PM-PEAK OR TIME	210.00	253.00	463.00
PM-PEAK OR VOLUME	210.00	253.00	463.00
PM-F FACTOR(S)	1.00	1.00	1.00
PM-F	210.00	253.00	463.00

6-PM, 12-PM, AND 24-PM PEAKINGS

TIME-DIRECTIONAL PERIOD	MOV 2	MOV 6	TOTAL
6-PM PEAKING (06:00 - 12:00)	95	307	402
12-PM PEAKING (12:00 - 18:00)	1,000	1,072	2,072
24-PM PEAKING (24:00 - 06:00)	1,200	1,458	2,658
TOTAL	2,195	2,837	5,032

04-Oct-89

State of Hawaii, Department of Transportation, Highways Division

TC NO. 3882  
ID NO. 2936

ISLAND: KAUAI  
STATION NO: 3E  
AUX NO: 3E  
FUND SYSTEM:  
FILE: LEG 3

STATION DESCRIPTION: NAWILIWILI ROAD  
AT HALEKO RD.  
KAUAI LEG 3

COUNT GROUP ID:  
ROUTE NO  
M.P.:  
Hwy ST NAME NAWILIWILI ROAD  
MOV(3) } DIR: TO NAWILIWILI BAY  
MOV(7) } DIR: TO KAUNAOALI HWY.

CORRIDOR ID:  
SURVEY DATE:  
D-02  
0-01

ASSIGNED DATE:  
START TIME: 13:45  
START TIME: 13:45

TIME-AM	MOV 3	MOV 7	MOV 7	MOV 3	MOV 7	MOV 3	MOV 7	MOV 3	MOV 7	MOV 3	MOV 7	MOV 3	MOV 7	MOV 3	MOV 7	TOTAL
12:00-12:15	1	1	4	5	19	34	12:00-12:15	82	62	144	6:00-6:15	39	29	68		
12:15-12:30	1	1	3	4	28	76	12:15-12:30	65	52	117	6:15-6:30	45	37	82		
12:30-12:45	1	1	3	1	32	100	12:30-12:45	62	52	118	6:30-6:45	45	36	81		
12:45-1:00	1	1	2	3	31	128	12:45-1:00	55	43	98	6:45-7:00	29	47	76		
1:00-1:15	1	1	2	8	38	148	1:00-1:15	79	46	125	7:00-7:15	46	36	82		
1:15-1:30	1	1	2	3	50	207	1:15-1:30	75	55	130	7:15-7:30	33	23	56		
1:30-1:45	1	1	2	5	67	221	1:30-1:45	77	78	155	7:30-7:45	27	22	49		
1:45-2:00	1	1	2	4	49	155	1:45-2:00	76	47	123	7:45-8:00	20	22	42		
2:00-2:15	2	2	3	3	29	91	2:00-2:15	69	98	167	8:00-8:15	22	25	47		
2:15-2:30	2	2	3	8	36	87	2:15-2:30	68	63	131	8:15-8:30	29	21	50		
2:30-2:45	2	2	3	3	51	125	2:30-2:45	57	59	116	8:30-8:45	28	25	53		
2:45-3:00	2	2	3	1	40	113	2:45-3:00	68	50	118	8:45-9:00	27	24	51		
3:00-3:15	1	1	0	7	37	106	3:00-3:15	60	50	121	9:00-9:15	15	16	31		
3:15-3:30	1	1	0	2	59	137	3:15-3:30	70	48	118	9:15-9:30	18	18	36		
3:30-3:45	1	1	0	1	52	105	3:30-3:45	55	51	107	9:30-9:45	21	28	49		
3:45-4:00	1	1	0	1	48	121	3:45-4:00	47	40	87	9:45-10:00	16	17	33		
4:00-4:15	1	1	1	2	61	110	4:00-4:15	57	45	102	10:00-10:15	14	15	29		
4:15-4:30	1	1	1	1	49	110	4:15-4:30	65	41	106	10:15-10:30	12	15	27		
4:30-4:45	1	1	1	2	47	103	4:30-4:45	62	62	124	10:30-10:45	10	12	22		
4:45-5:00	1	1	2	3	57	135	4:45-5:00	67	52	119	10:45-11:00	7	10	17		
5:00-5:15	4	4	2	6	59	118	5:00-5:15	43	39	82	11:00-11:15	0	0	0		
5:15-5:30	6	6	5	11	60	96	5:15-5:30	40	47	87	11:15-11:30	5	4	9		
5:30-5:45	11	11	6	17	52	110	5:30-5:45	54	46	100	11:30-11:45	4	8	12		
5:45-6:00	25	25	7	32	40	97	5:45-6:00	45	34	79	11:45-12:00	3	7	10		

AM CHARTER PERIOD (05:00 - 09:00)  
TWO-DIRECTIONAL PEAK:  
AM-PEAK BY TIME 7:00 AM-8:00 AM 201  
AM-PEAK BY VOLUME 10.76  
AM-F FACTOR(%) 100.00  
AM-F 1

AM PERIOD (09:00-12:00)  
TWO-DIRECTIONAL PEAK:  
AM-PEAK BY TIME 7:00 AM-8:00 AM 201  
AM-PEAK BY VOLUME 10.76  
AM-F FACTOR(%) 100.00  
AM-F 1

PM CHARTER PERIOD (15:00 - 19:00)  
TWO-DIRECTIONAL PEAK:  
PM-PEAK BY TIME 3:00 PM-4:00 PM 201  
PM-PEAK BY VOLUME 55.65  
PM-F FACTOR(%) 41.35  
PM-F 2

PM PERIOD (12:00-2:00)  
TWO-DIRECTIONAL PEAK:  
PM-PEAK BY TIME 3:00 PM-4:00 PM 201  
PM-PEAK BY VOLUME 50.35  
PM-F FACTOR(%) 40.65  
PM-F 2

PM CHARTER PERIOD (05:00 - 15:00)  
TWO-DIRECTIONAL PEAK:  
PM-PEAK BY TIME 1:30 PM-2:30 PM 206  
PM-PEAK BY VOLUME 2.855  
PM-F FACTOR(%) 2.330  
PM-F 1

PM PERIOD (09:00-12:00)  
TWO-DIRECTIONAL PEAK:  
PM-PEAK BY TIME 1:30 PM-2:30 PM 206  
PM-PEAK BY VOLUME 2.855  
PM-F FACTOR(%) 2.330  
PM-F 1

PM CHARTER PERIOD (15:00 - 19:00)  
TWO-DIRECTIONAL PEAK:  
PM-PEAK BY TIME 1:30 PM-2:30 PM 206  
PM-PEAK BY VOLUME 2.855  
PM-F FACTOR(%) 2.330  
PM-F 1

PM PERIOD (12:00-2:00)  
TWO-DIRECTIONAL PEAK:  
PM-PEAK BY TIME 1:30 PM-2:30 PM 206  
PM-PEAK BY VOLUME 2.855  
PM-F FACTOR(%) 2.330  
PM-F 1

04-Oct-89

State of Hawaii, Department of Transportation, Highways Division

IC NO. 3802  
ID NO. 2910

STATION DESCRIPTION: NAWILIWILI ROAD  
AT HALEKO RD.  
KAUAI LEG 4

ISLAND: KAUAI  
STATION NO: 3E  
AUX NO: 3E  
FUND SYSTEM:  
FILE: LEG 4

COUNT GROUP ID: M.P.:  
ROUTE NO.  
HWY ST NAME HALEKO ROAD

CORRIDOR ID:  
SURVEY DATE:

ASSIGNED DATE:

START TIME: 14:00  
START TIME: 14:00

MOV(A) DIR: TO NAWILIWILI RD / LIHUE  
MOV(B) DIR: TO SHOPPING CNTR.

D-01 BEG SURVEY DATE: 09/26/89  
D-02 BEG SURVEY DATE: 09/26/89

TIME-AM MOV 4 MOV 8 TOTAL  
TIME-PM MOV 4 MOV 8 TOTAL

TIME-AM	MOV 4	MOV 8	TOTAL	TIME-AM	MOV 4	MOV 8	TOTAL	TIME-PM	MOV 4	MOV 8	TOTAL
12:00-12:15	1	0	1	6:00-6:15	5	6	11	12:00-12:15	105	111	217
12:15-12:30	1	0	1	6:15-6:30	4	6	10	12:15-12:30	106	94	200
12:30-12:45	1	0	1	6:30-6:45	7	8	15	12:30-12:45	106	102	208
1:00-1:15	1	0	1	6:45-7:00	4	17	21	1:00-1:15	119	98	217
1:15-1:30	1	0	1	7:00-7:15	14	16	30	1:15-1:30	102	97	199
1:30-1:45	1	0	1	7:15-7:30	14	31	45	1:30-1:45	106	125	231
1:45-2:00	1	0	1	7:30-7:45	29	34	63	1:45-2:00	100	194	294
2:00-2:15	0	0	0	7:45-8:00	22	60	82	2:00-2:15	96	194	290
2:15-2:30	0	0	0	8:00-8:15	22	53	75	2:15-2:30	83	183	266
2:30-2:45	0	0	0	8:15-8:30	39	76	115	2:30-2:45	77	169	246
2:45-3:00	0	0	0	8:30-8:45	62	76	138	2:45-3:00	86	146	232
3:00-3:15	0	0	0	8:45-9:00	50	75	125	3:00-3:15	66	138	204
3:15-3:30	0	0	0	9:00-9:15	75	71	146	3:15-3:30	64	137	201
3:30-3:45	0	0	0	9:15-9:30	53	67	120	3:30-3:45	67	131	198
3:45-4:00	0	0	0	9:30-9:45	79	67	146	3:45-4:00	104	77	181
4:00-4:15	0	0	0	9:45-10:00	77	97	174	4:00-4:15	82	164	246
4:15-4:30	0	0	0	10:00-10:15	82	84	166	4:15-4:30	88	94	182
4:30-4:45	0	0	0	10:15-10:30	87	103	190	4:30-4:45	95	101	196
4:45-5:00	0	0	0	10:30-10:45	71	93	164	4:45-5:00	99	90	189
5:00-5:15	0	0	0	10:45-11:00	80	87	167	5:00-5:15	89	70	159
5:15-5:30	0	0	0	11:00-11:15	90	107	197	5:15-5:30	126	59	185
5:30-5:45	0	0	0	11:15-11:30	91	94	185	5:30-5:45	105	56	161
5:45-6:00	0	0	0	11:30-11:45	91	94	185	5:45-6:00	105	56	161
				11:45-12:00	91	94	185				

AM COUNTER PERIOD (05:00 - 05:00)  
TOTAL

PM COUNTER PERIOD (05:00 - 05:00)  
TOTAL

TOP-DIRECTIONAL PEAK:  
AM-PEAK AM TIME 0:00 AM-9:00 AM 357  
AM-PEAK AM VOLUME 4.45  
AM-F FACTOR(%) 100.00

TOP-DIRECTIONAL PEAK:  
PM-PEAK PM TIME 6:15 PM-5:15 PM 387  
PM-PEAK PM VOLUME 50.21  
PM-F FACTOR(%) 100.00

DIRECTIONAL PEAK:  
AM-PEAK AM TIME 0:00 AM-9:00 AM 243  
AM-PEAK AM VOLUME 68.07

DIRECTIONAL PEAK:  
PM-PEAK PM TIME 6:15 PM-5:15 PM 367  
PM-PEAK PM VOLUME 41.6

AM PERIOD (04:00-02:00)  
TOTAL

PM PERIOD (12:00-24:00)  
TOTAL

TOP-DIRECTIONAL PEAK:  
AM-PEAK AM TIME 10:45 AM-11:00 AM 318  
AM-PEAK AM VOLUME 9.44  
AM-F FACTOR(%) 100.00

TOP-DIRECTIONAL PEAK:  
PM-PEAK PM TIME 12:45 PM-1:00 PM 402  
PM-PEAK PM VOLUME 10.65  
PM-F FACTOR(%) 100.00

AM COUNTER PERIOD (05:00 - 05:00)  
TOTAL

PM COUNTER PERIOD (05:00 - 05:00)  
TOTAL

TOP-DIRECTIONAL PEAK:  
AM-PEAK AM TIME 12:15 PM-1:00 PM 402  
AM-PEAK AM VOLUME 41.6

TOP-DIRECTIONAL PEAK:  
PM-PEAK PM TIME 12:45 PM-1:00 PM 402  
PM-PEAK PM VOLUME 10.65

DIRECTIONAL PEAK:  
AM-PEAK AM TIME 12:15 PM-1:00 PM 402  
AM-PEAK AM VOLUME 41.6

DIRECTIONAL PEAK:  
PM-PEAK PM TIME 12:45 PM-1:00 PM 402  
PM-PEAK PM VOLUME 10.65

AM PERIOD (04:00-02:00)  
TOTAL

PM PERIOD (12:00-24:00)  
TOTAL

TOP-DIRECTIONAL PEAK:  
AM-PEAK AM TIME 12:15 PM-1:00 PM 402  
AM-PEAK AM VOLUME 41.6

TOP-DIRECTIONAL PEAK:  
PM-PEAK PM TIME 12:45 PM-1:00 PM 402  
PM-PEAK PM VOLUME 10.65

DIRECTIONAL PEAK:  
AM-PEAK AM TIME 12:15 PM-1:00 PM 402  
AM-PEAK AM VOLUME 41.6

DIRECTIONAL PEAK:  
PM-PEAK PM TIME 12:45 PM-1:00 PM 402  
PM-PEAK PM VOLUME 10.65

AM COUNTER PERIOD (05:00 - 05:00)  
TOTAL

PM COUNTER PERIOD (05:00 - 05:00)  
TOTAL

TOP-DIRECTIONAL PEAK:  
AM-PEAK AM TIME 12:15 PM-1:00 PM 402  
AM-PEAK AM VOLUME 41.6

TOP-DIRECTIONAL PEAK:  
PM-PEAK PM TIME 12:45 PM-1:00 PM 402  
PM-PEAK PM VOLUME 10.65

DIRECTIONAL PEAK:  
AM-PEAK AM TIME 12:15 PM-1:00 PM 402  
AM-PEAK AM VOLUME 41.6

DIRECTIONAL PEAK:  
PM-PEAK PM TIME 12:45 PM-1:00 PM 402  
PM-PEAK PM VOLUME 10.65

AM PERIOD (04:00-02:00)  
TOTAL

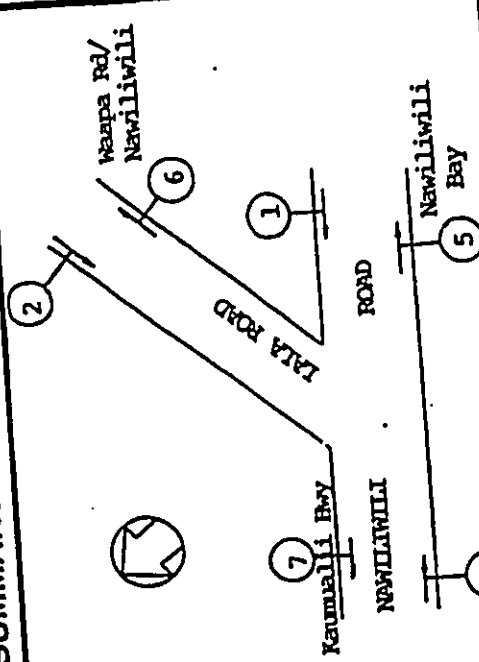
PM PERIOD (12:00-24:00)  
TOTAL

3-F

### 24-HOUR TRAFFIC COUNT-STATION SUMMARY

HAWAII STATE DOT, HIGHWAYS DIVISION  
 Station No: **3-F**      Count Type: \_\_\_\_\_      Group: \_\_\_\_\_      Old No: \_\_\_\_\_

Location: **Nawiliwili Road at Lala Road**



STATION CHARACTERISTICS	INTERSECTION APPROACHES			
	LEG 1	LEG 2	LEG 3	LEG 4
Traffic Control	None	Stop	None	None
Width of Approach (Ft)	1	1	1	1
No. of Lanes at Approach	None	None	None	None
Separate Turning Lane (Lt., Rt., Lt./Rt.)	None	None	None	None
Parking (AM, PM, All Day, None)	None	None	None	None
Bus Stop (NS: Near Side/FS: Far Side)	None	None	None	None

DATE	24-HOUR TRAFFIC VOLUME BY MOVEMENT							TOTAL INTERSECTION	VEHICLES ENTERING INTERSECTION		
	MOV 01	MOV 05	TOTAL	MOV 02	MOV 06	MOV 03	MOV 07			TOTAL	
04/20-21/83	1561	1733	3294	585	655	1240	2358	2116	4474	4504	4464
06/05-06/85	1643	1811	3454	819	742	1561	2002	1929	3931	6110	8961
04/30-05/01/87	1753	2060	3813	1015	1292	2307	3342	2431	5773		
09/26-27/89	2945	2968	5913	1758	1085	2843	4258	3817	8075		

STATION NO: 3-F

Form TI 85-4 INTERSECTION



02-OCT-89

State of Hawaii, Department of Transportation, Highways Division

ISLAND: KAUAI  
STATION NO: 3F  
AUX NO: 3F  
FUND SYSTEM:  
FILE: LEG 1

STATION DESCRIPTION: NAHILIMILI RD  
AT LALA RD. (Opp Nahilimili Rd)  
KAUAI LEG 1

TC NO. 3003  
ID NO. 2913

COUNT GROUP ID: M.P.:  
ROUTE NO NAHILIMILI ROAD  
Hwy ST NAME NAHILIMILI ROAD  
MOV(S) DIR: TO KAUMUALII HWY.  
MOV(S) DIR: TO NAHILIMILI BAY

CORRIDOR ID:  
SURVEY DATE:

ASSIGNED DATE:  
BEG SURVEY DATE: 09/26/89  
D-01  
D-02  
BEG SURVEY DATE: 09/26/89

START TIME: 14:15  
START TIME: 14:15

TIME-AM	MOV 1	MOV 5	MOV 1	MOV 5	MOV 1	MOV 5	MOV 1	MOV 5	MOV 1	MOV 5	MOV 1	MOV 5	TOTAL
12:00-12:15	4	2	6	6:00-6:15	10	15	12:00-12:15	72	75	147	6:00-6:15	32	71
12:15-12:30	4	2	6	6:15-6:30	17	42	12:15-12:30	61	64	125	6:15-6:30	33	65
12:30-12:45	1	1	2	6:30-6:45	25	53	12:30-12:45	56	59	109	6:30-6:45	30	62
12:45-1:00	4	1	5	6:45-7:00	21	70	12:45-1:00	64	68	132	6:45-7:00	41	67
1:00-1:15	4	2	6	7:00-7:15	19	68	1:00-1:15	51	64	115	7:00-7:15	29	56
1:15-1:30	3	3	6	7:15-7:30	35	92	1:15-1:30	61	66	127	7:15-7:30	23	51
1:30-1:45	2	3	5	7:30-7:45	50	126	1:30-1:45	71	82	153	7:30-7:45	22	44
1:45-2:00	1	3	4	7:45-8:00	39	113	1:45-2:00	44	73	117	7:45-8:00	19	36
2:00-2:15	6	2	8	8:00-8:15	34	89	2:00-2:15	62	60	122	8:00-8:15	17	48
2:15-2:30	5	4	6	8:15-8:30	43	76	2:15-2:30	65	59	124	8:15-8:30	27	41
2:30-2:45	4	2	6	8:30-8:45	38	85	2:30-2:45	50	56	106	8:30-8:45	21	41
2:45-3:00	1	1	2	8:45-9:00	57	112	2:45-3:00	59	53	112	8:45-9:00	22	39
3:00-3:15	3	3	4	9:00-9:15	49	106	3:00-3:15	49	49	98	9:00-9:15	14	24
3:15-3:30	4	0	4	9:15-9:30	59	100	3:15-3:30	55	58	113	9:15-9:30	20	30
3:30-3:45	1	0	1	9:30-9:45	59	126	3:30-3:45	48	55	103	9:30-9:45	17	39
3:45-4:00	0	0	0	9:45-10:00	57	106	3:45-4:00	39	48	87	9:45-10:00	14	32
4:00-4:15	1	0	1	10:00-10:15	53	86	4:00-4:15	48	57	105	10:00-10:15	13	19
4:15-4:30	0	0	1	10:15-10:30	60	117	4:15-4:30	51	50	101	10:15-10:30	16	13
4:30-4:45	0	2	2	10:30-10:45	55	109	4:30-4:45	65	50	115	10:30-10:45	22	35
4:45-5:00	0	2	2	10:45-11:00	60	101	4:45-5:00	63	44	107	10:45-11:00	12	23
5:00-5:15	1	6	7	11:00-11:15	53	102	5:00-5:15	60	46	106	11:00-11:15	8	14
5:15-5:30	3	5	8	11:15-11:30	69	106	5:15-5:30	53	39	92	11:15-11:30	7	9
5:30-5:45	4	13	17	11:30-11:45	70	115	5:30-5:45	49	46	95	11:30-11:45	7	10
5:45-6:00	2	8	10	11:45-12:00	52	115	5:45-6:00	26	52	78	11:45-12:00	8	10

AM PERIOD (05:00 - 08:00)	MOV 1	MOV 5	TOTAL
AM-DIRECTIONAL PEAK:			
AM-PEAK BY TIME	150	702	852
AM-PEAK BY VOLUME	31.62	62.30	93.92
AM-F FACTOR(S)			100.00
AM-F			
DIRECTIONAL PEAK:			
AM-PEAK BY TIME	8:00 AM-9:00 AM	7:15 AM-8:15 AM	202
AM-PEAK BY VOLUME			
AM-F FACTOR(S)			100.00
AM-F			
AM PERIOD (08:00 - 12:00)			
AM-DIRECTIONAL PEAK:			
AM-PEAK BY TIME	274	220	494
AM-PEAK BY VOLUME	50.45	40.55	91.00
AM-F FACTOR(S)			100.00
AM-F			
PM PERIOD (08:00 - 15:00)			
PM-DIRECTIONAL PEAK:			
PM-PEAK BY TIME	207	200	407
PM-PEAK BY VOLUME	45.07	53.33	98.40
PM-F FACTOR(S)			100.00
PM-F			
PM PERIOD (15:00 - 18:00)			
PM-DIRECTIONAL PEAK:			
PM-PEAK BY TIME	1,006	1,100	2,106
PM-PEAK BY VOLUME	1,314	1,202	2,516
PM-F FACTOR(S)	1,322	1,367	2,689
PM-F	1,401	1,265	2,666
PM PERIOD (18:00 - 21:00)			
PM-DIRECTIONAL PEAK:			
PM-PEAK BY TIME	203	205	408
PM-PEAK BY VOLUME	45.31	54.39	99.70
PM-F FACTOR(S)			100.00
PM-F			

6-AM, 12-PM, AND 7-PM PERIODS	MOV 1	MOV 5	TOTAL
6-AM PERIOD (06:00 - 12:00)			
6-AM-PEAK BY TIME	1,006	1,100	2,106
6-AM-PEAK BY VOLUME	1,314	1,202	2,516
6-AM-F FACTOR(S)	1,322	1,367	2,689
6-AM-F	1,401	1,265	2,666
12-PM PERIOD (12:00 - 18:00)			
12-PM-PEAK BY TIME	207	200	407
12-PM-PEAK BY VOLUME	45.07	53.33	98.40
12-PM-F FACTOR(S)			100.00
12-PM-F			
7-PM PERIOD (17:00 - 21:00)			
7-PM-PEAK BY TIME	203	205	408
7-PM-PEAK BY VOLUME	45.31	54.39	99.70
7-PM-F FACTOR(S)			100.00
7-PM-F			

02-Oct-89

State of Hawaii, Department of Transportation, Highways Division

ISLAND: KAUAI  
STATION NO: 3F  
AUX NO: 3F  
FUND SYSTEM:  
FILE: LEG 2

STATION DESCRIPTION: NAHILIHILI ROAD  
AT LALA RD. CO. KAWAII (1st)  
KAWAII LEG 2

COUNT GROUP ID:  
ROUTE NO

M.P.:

CORRIDOR ID:  
SURVEY DATE:

DIR: TO NAHILIHILI RD.  
DIR: TO WAAPA RD/NAHILIHILI

BEG SURVEY DATE: 09/26/89  
BEG SURVEY DATE: 09/26/89

TC NO. 3883  
ID NO. 2902

ASSIGNED DATE:

START TIME: 14:15  
START TIME: 14:15

TIME-AM	MOV 2	MOV 6	TOTAL	TIME-AM	MOV 2	MOV 6	TOTAL	TIME-PM	MOV 2	MOV 6	TOTAL
12:00-12:15	0	0	0	6:00-6:15	5	8	13	12:00-12:15	31	15	46
12:15-12:30	0	0	0	6:15-6:30	23	28	51	12:15-12:30	18	17	35
12:30-12:45	0	0	0	6:30-6:45	14	26	40	12:30-12:45	25	14	39
12:45-1:00	0	0	0	6:45-7:00	30	30	60	12:45-1:00	20	13	33
1:00-1:15	0	0	0	7:00-7:15	34	59	93	1:00-1:15	17	24	41
1:15-1:30	0	0	0	7:15-7:30	52	93	145	1:15-1:30	164	71	235
1:30-1:45	0	0	0	7:30-7:45	71	107	178	1:30-1:45	181	59	240
1:45-2:00	0	0	0	7:45-8:00	48	39	87	1:45-2:00	46	28	74
2:00-2:15	0	0	0	8:00-8:15	21	17	38	1:45-2:00	31	11	42
2:15-2:30	0	0	0	8:15-8:30	16	6	22	2:00-2:15	20	11	31
2:30-2:45	0	0	0	8:30-8:45	14	9	23	2:15-2:30	69	20	89
2:45-3:00	0	0	0	8:45-9:00	21	17	38	2:30-2:45	52	11	63
3:00-3:15	0	0	0	9:00-9:15	14	13	27	2:45-3:00	46	16	62
3:15-3:30	0	0	0	9:15-9:30	13	10	23	3:00-3:15	26	7	33
3:30-3:45	0	0	0	9:30-9:45	15	9	24	3:15-3:30	33	8	41
3:45-4:00	0	0	0	9:45-10:00	20	12	32	3:30-3:45	39	6	45
4:00-4:15	0	0	0	10:00-10:15	20	16	36	3:45-4:00	23	14	37
4:15-4:30	0	0	0	10:15-10:30	15	11	26	4:00-4:15	28	15	43
4:30-4:45	0	0	0	10:30-10:45	12	11	23	4:15-10:30	25	19	44
4:45-5:00	0	0	0	10:45-11:00	17	16	33	4:30-4:45	32	11	43
5:00-5:15	0	0	0	11:00-11:15	30	14	44	4:45-5:00	30	15	45
5:15-5:30	0	0	0	11:15-11:30	16	11	27	5:00-5:15	25	11	36
5:30-5:45	0	0	0	11:30-11:45	31	14	45	5:15-11:30	21	6	27
5:45-6:00	0	0	0	11:45-12:00	35	20	55	5:30-5:45	22	12	34
								5:45-6:00	17	11	28

AM COUNTER PERIOD (05:00 - 08:00) NOV 2 NOV 6 TOTAL

TWO-DIRECTIONAL PEAK:  
AM-PEAK NR TIME 7:00 AM-8:00 AM  
AM-PEAK NR VOLUME 298  
AM-F FACTOR(%) 59.74  
AM-F 41.76

DIRECTIONAL PEAK:  
AM-PEAK NR TIME 7:00 AM-8:00 AM  
AM-PEAK NR VOLUME 298

PM COUNTER PERIOD (08:00 - 15:00) NOV 2 NOV 6 TOTAL

TWO-DIRECTIONAL PEAK:  
PM-PEAK NR TIME 4:00 PM-5:00 PM  
PM-PEAK NR VOLUME 115  
PM-F FACTOR(%) 65.71  
PM-F 34.29

DIRECTIONAL PEAK:  
PM-PEAK NR TIME 4:00 PM-5:00 PM  
PM-PEAK NR VOLUME 115

AM PERIOD (08:00-12:00) NOV 2 NOV 6 TOTAL

TWO-DIRECTIONAL PEAK:  
AM-PEAK NR TIME 1:15 PM-2:15 PM  
AM-PEAK NR VOLUME 422  
AM-F FACTOR(%) 71.00  
AM-F 59.74

DIRECTIONAL PEAK:  
AM-PEAK NR TIME 1:15 PM-2:15 PM  
AM-PEAK NR VOLUME 422

PM PERIOD (12:00-24:00) NOV 2 NOV 6 TOTAL

TWO-DIRECTIONAL PEAK:  
PM-PEAK NR TIME 3:15 PM-4:15 PM  
PM-PEAK NR VOLUME 422  
PM-F FACTOR(%) 71.00  
PM-F 59.74

DIRECTIONAL PEAK:  
PM-PEAK NR TIME 3:15 PM-4:15 PM  
PM-PEAK NR VOLUME 422

6-HR, 12-HR, AND 24-HR PERIODS

AM 6-HR PERIOD (05:00 - 11:00) 597  
AM 12-HR PERIOD (05:00 - 12:00) 606  
PM 6-HR PERIOD (12:00 - 18:00) 1,021  
PM 12-HR PERIOD (12:00 - 24:00) 1,952  
24 HOUR PERIOD 2,759  
F % 61.81

AM 6-HR PERIOD (05:00 - 11:00) 597  
AM 12-HR PERIOD (05:00 - 12:00) 606  
PM 6-HR PERIOD (12:00 - 18:00) 1,021  
PM 12-HR PERIOD (12:00 - 24:00) 1,952  
24 HOUR PERIOD 2,759  
F % 61.81

05-Oct-89

State of Hawaii, Department of Transportation, Highways Division

ISLAND: KAUAI  
STATION NO: 3F  
AUX NO: 3F  
FUND SYSTEM:  
FILE: LEG 3

STATION DESCRIPTION: NAHILIHILI ROAD  
AT LALA RD. (Old Naahili Rd)  
KAUAI LEG 3

TC NO. 3003  
ID NO. 2911

COUNT GROUP ID:  
ROUTE NO  
Hwy ST NAME NAHILIHILI ROAD  
MOV(3) , DIR: TO NAHILIHILI BAY  
MOV(7) , DIR: TO KAUNALII HWY.

M.P. :  
CORRIDOR ID:  
SURVEY DATE:

ASSIGNED DATE:  
D-02 SURVEY DATE: 09/26/89  
D-01 SURVEY DATE: 09/26/89

START TIME: 14:00  
START TIME: 14:00

TIME-AM	MOV 3	MOV 7	MOV 3	MOV 7	MOV 3	MOV 7	MOV 3	MOV 7	TOTAL
12:00-12:15	2	2	23	83	177	6:00-6:15	8	23	83
12:15-12:30	2	2	75	72	158	6:15-6:30	27	100	72
12:30-12:45	2	2	100	61	135	6:30-6:45	36	132	61
1:00-1:15	1	3	132	61	147	6:45-7:00	30	151	61
1:15-1:30	1	2	151	58	153	7:00-7:15	39	189	58
1:30-1:45	1	3	189	114	229	7:15-7:30	62	218	114
1:45-2:00	1	3	218	163	273	7:30-7:45	88	289	163
2:00-2:15	1	3	289	110	299	7:45-8:00	126	311	110
2:15-2:30	1	3	311	109	320	8:00-8:15	73	348	109
2:30-2:45	1	3	348	185	392	8:15-8:30	49	406	185
2:45-3:00	1	3	406	105	421	8:30-8:45	59	465	105
3:00-3:15	1	3	465	72	487	8:45-9:00	77	542	72
3:15-3:30	1	3	542	75	577	9:00-9:15	54	621	75
3:30-3:45	1	3	621	63	654	9:15-9:30	54	675	63
3:45-4:00	1	3	675	70	725	9:30-9:45	82	757	70
4:00-4:15	1	3	757	64	801	9:45-10:00	67	864	64
4:15-4:30	1	3	864	53	917	10:00-10:15	41	958	53
4:30-4:45	1	3	917	63	980	10:15-10:30	68	1026	63
4:45-5:00	1	3	980	67	1047	10:30-10:45	65	1112	67
5:00-5:15	1	3	1047	80	1127	10:45-11:00	56	1203	80
5:15-5:30	1	3	1127	62	1209	11:00-11:15	61	1290	62
5:30-5:45	1	3	1209	66	1275	11:15-11:30	51	1386	66
5:45-6:00	1	3	1386	58	1444	11:30-11:45	61	1485	58
			1444	35	1555	11:45-12:00	82	1555	35

PM COMPUTER PERIOD (05:00 - 09:00)	MOV 3	MOV 7	TOTAL
TWO-DIRECTIONAL PEAK:			
AM-PEAK HR TIME	595	7:00 AM- 8:00 AM	844
PM-PEAK HR VOLUME	219	7:00 AM- 8:00 AM	10.45
PM-K FACTOR(S)	70.50	29.50	100.00
PM-D %			
DIRECTIONAL PEAK:			
AM PEAK-HR TIME	595	7:00 AM- 8:00 AM	219
PM PEAK-HR VOLUME	219	7:00 AM- 8:00 AM	219
PM PERIOD (09:00-12:00)			
TWO-DIRECTIONAL PEAK:			
AM-PEAK HR TIME	595	7:00 AM- 8:00 AM	844
PM-PEAK HR VOLUME	219	7:00 AM- 8:00 AM	10.45
PM-K FACTOR(S)	70.50	29.50	100.00
PM-D %			
NON-COMPUTER PERIOD (09:00 - 15:00)			
TWO-DIRECTIONAL PEAK:			
PEAK HR TIME	440	1:15 PM- 2:15 PM	969
PEAK HR VOLUME	529	1:15 PM- 2:15 PM	529
DIRECTIONAL PEAK:			
PEAK HR TIME	440	1:15 PM- 2:15 PM	529
PEAK HR VOLUME	529	1:15 PM- 2:15 PM	529

PM COMPUTER PERIOD (15:00 - 19:00)	MOV 3	MOV 7	TOTAL
TWO-DIRECTIONAL PEAK:			
PM-PEAK HR TIME	257	4:00 PM- 5:00 PM	354
PM-PEAK HR VOLUME	297	4:00 PM- 5:00 PM	6.86
PM-K FACTOR(S)	46.39	53.61	100.00
PM-D %			
DIRECTIONAL PEAK:			
PM-PEAK HR TIME	257	4:00 PM- 5:00 PM	297
PM-PEAK HR VOLUME	297	4:00 PM- 5:00 PM	297
PM PERIOD (12:00-24:00)			
TWO-DIRECTIONAL PEAK:			
AM-PEAK HR TIME	440	1:15 PM- 2:15 PM	969
PM-PEAK HR VOLUME	529	1:15 PM- 2:15 PM	529
PM-K FACTOR(S)	45.41	54.59	100.00
PM-D %			
6-HR, 12-HR, AND 24-HR PERIODS			
AM 6-HR PERIOD (06:00 - 12:00)	1,811	1,313	3,154
PM 12-HR PERIOD (00:00 - 12:00)	1,911	1,377	3,288
PM 6-HR PERIOD (12:00 - 18:00)	1,882	1,440	3,771
PM 12-HR PERIOD (12:00 - 24:00)	2,347	2,440	4,787
24 HOUR PERIOD	4,258	3,817	8,075
D %	52.73	47.27	100.00





State of Hawaii, Department of Transportation, Highways Division

Volume Unclassified Output #1

06/89 11:16

ISLAND: 3  
 STATION NO: 4-A STATION DESCRIPTION: RICE STREET,  
 AT KAPULE HIGHWAY  
 AUX NO: 4-A COUNT GROUP ID: M.P.  
 FUND SYSTEM: ROUTE NO: CORRIDOR ID:  
 FILE: LEG2 HWY ST NAME: KAPULE HIGHWAY SURVEY DATE: 09/27/89 ASSIGNED DATE: 09/28/89  
 MOV ( 2 ), DIR: TO RICE STREET/NAWILIWILI D- 2 BEG SURVEY DATE: 09/27/89 START TIME: 11:30  
 MOV ( 6 ), DIR: TO HANAMAULU D- 1 BEG SURVEY DATE: 09/27/89 START TIME: 11:30

TIME-AM	MOV 2	MOV 6	TOTAL	TIME-AM	MOV 2	MOV 6	TOTAL	TIME-PM	MOV 2	MOV 6	TOTAL	TIME-PM	MOV 2	MOV 6	TOTAL
00:00 - 00:15	3	21	24	06:00 - 06:15	29	50	79	12:00 - 12:15	132	159	291	18:00 - 18:15	87	100	187
00:15 - 00:30	10	10	20	06:15 - 06:30	76	66	142	12:15 - 12:30	129	128	257	18:15 - 18:30	80	83	163
00:30 - 00:45	6	6	12	06:30 - 06:45	83	64	147	12:30 - 12:45	117	153	270	18:30 - 18:45	77	74	151
00:45 - 01:00	9	7	16	06:45 - 07:00	104	90	194	12:45 - 13:00	117	122	239	18:45 - 19:00	66	70	136
01:00 - 01:15	4	11	15	07:00 - 07:15	129	72	201	13:00 - 13:15	132	136	268	19:00 - 19:15	56	71	127
01:15 - 01:30	1	11	12	07:15 - 07:30	130	105	235	13:15 - 13:30	108	150	258	19:15 - 19:30	70	61	131
01:30 - 01:45	2	13	15	07:30 - 07:45	128	114	242	13:30 - 13:45	118	151	269	19:30 - 19:45	42	54	96
01:45 - 02:00	2	4	6	07:45 - 08:00	111	130	241	13:45 - 14:00	136	132	268	19:45 - 20:00	40	59	99
02:00 - 02:15	3	10	13	08:00 - 08:15	107	96	203	14:00 - 14:15	114	138	252	20:00 - 20:15	51	49	100
02:15 - 02:30	3	10	13	08:15 - 08:30	123	82	205	14:15 - 14:30	118	123	241	20:15 - 20:30	36	50	86
02:30 - 02:45	5	6	11	08:30 - 08:45	130	85	215	14:30 - 14:45	132	112	244	20:30 - 20:45	37	34	71
02:45 - 03:00	1	12	13	08:45 - 09:00	138	105	243	14:45 - 15:00	97	144	241	20:45 - 21:00	37	43	80
03:00 - 03:15	2	8	10	* 09:00 - 09:15	134	108	242	15:00 - 15:15	113	138	251	21:00 - 21:15	36	50	86
03:15 - 03:30	1	11	12	* 09:15 - 09:30	144	122	266	15:15 - 15:30	101	125	226	21:15 - 21:30	37	31	68
03:30 - 03:45	3	3	6	* 09:30 - 09:45	133	124	257*	15:30 - 15:45	153	163	316	21:30 - 21:45	34	48	82
03:45 - 04:00	2	10	12	* 09:45 - 10:00	130	121	251*	15:45 - 16:00	142	133	275	21:45 - 22:00	26	29	55
04:00 - 04:15	2	6	8	10:00 - 10:15	124	109	233*	16:00 - 16:15	163	154	317	22:00 - 22:15	33	29	62
04:15 - 04:30	5	3	8	10:15 - 10:30	113	105	218*	16:15 - 16:30	117	122	239	22:15 - 22:30	13	37	50
04:30 - 04:45	9	5	14	10:30 - 10:45	129	111	240	16:30 - 16:45	99	125	224	22:30 - 22:45	8	27	35
04:45 - 05:00	15	5	20	10:45 - 11:00	140	118	258	16:45 - 17:00	95	126	221	22:45 - 23:00	20	29	49
05:00 - 05:15	6	9	15	11:00 - 11:15	126	94	220	17:00 - 17:15	109	110	219	23:00 - 23:15	13	34	47
05:15 - 05:30	16	18	34	11:15 - 11:30	131	103	234	17:15 - 17:30	104	110	214	23:15 - 23:30	18	21	39
05:30 - 05:45	23	24	47	11:30 - 11:45	143	108	251	17:30 - 17:45	93	103	196	23:30 - 23:45	9	24	33
05:45 - 06:00	31	46	77	11:45 - 12:00	125	140	265	17:45 - 18:00	65	106	171	23:45 - 00:00	13	9	22
AM-TOTAL	MOV- 2	MOV- 6	TOTAL	MOV- 2	MOV- 6	TOTAL	MOV- 2	MOV- 6	MOV- 2	MOV- 6	TOTAL	MOV- 2	MOV- 6	TOTAL	
	3024	2691	5715	3743	4279	8022	3743	4279	3743	4279	8022	3743	4279	8022	
6:00-12:00 TOT	2860	2422	5282	2804	3163	5967	2804	3163	2804	3163	5967	2804	3163	5967	
AM-PEAK HR TIME	09:00 - 10:00		5282	15:30 - 16:30		5967	15:30 - 16:30		15:30 - 16:30		5967	15:30 - 16:30		5967	
* PEAK-HR TOTAL	541	475	1016	575	572	1147	575	572	575	572	1147	575	572	1147	
AM D-X (PEAK-HR)	53.2	46.8	100.00	50.1	49.9	100.00	50.1	49.9	50.1	49.9	100.00	50.1	49.9	100.00	
AM D-X (MN-12N)	52.9	47.1	100.00	46.7	53.3	100.00	46.7	53.3	46.7	53.3	100.00	46.7	53.3	100.00	
AM X FACTOR			7.4			8.3					8.3			8.3	
DIRECTIONAL TOTALS	MOV- 2	MOV- 6	TOTAL	MOV- 2	MOV- 6	TOTAL	MOV- 2	MOV- 6	MOV- 2	MOV- 6	TOTAL	MOV- 2	MOV- 6	TOTAL	
	3024	2691	5715	3743	4279	8022	3743	4279	3743	4279	8022	3743	4279	8022	
24-HOUR TOTAL			50.7			50.7					50.7			50.7	



**APPENDIX F**

**(CANDIDATE SITES A1, A2, A3, B, B1, AND C)  
ARCHAEOLOGICAL RECONNAISSANCE SURVEY**

**MARCH 30, 1991 LETTER  
FEBRUARY 1990 REPORT**

**(CANDIDATE SITE C2)  
STATE HISTORIC PRESERVATION REPORT  
MARCH 17, 1992 LETTER**



JOHN WAIHEE  
GOVERNOR OF HAWAII



STATE OF HAWAII  
DEPARTMENT OF LAND AND NATURAL RESOURCES  
P. O. BOX 621  
HONOLULU, HAWAII 96809

WILLIAM W. PATY, CHAIRPERSON  
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Keith W. Ahue  
MANABU TAGOMORI  
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AQUACULTURE DEVELOPMENT  
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CONSERVATION AND  
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CONVEYANCES  
FORESTRY AND WILDLIFE  
LAND MANAGEMENT  
STATE HISTORIC PRESERVATION  
STATE PARKS  
WATER AND LAND DEVELOPMENT

March 30, 1990

Mr. Stanley G.H. Yim  
Stanley Yim & Associates, Inc.  
770 Kapiolani Blvd., Suite 703  
Honolulu, Hawaii 96813

RECEIVED

April 5, 1990

STANLEY YIM & ASSOC. INC.

Dear Mr. Yim:

SUBJECT: Historic Preservation Review -- Proposed Sites for the  
Kauai Judiciary Building  
Multiple, Puna, Kauai

On February 8, 1990, at the request of DAGS, an archaeological fieldcheck was conducted on the three alternative parcels considered for this project (TMK: 3-6-02: 01; 3-7-01: 01; 3-3-03: 25). This work was done by Nancy McMahon of our office. The report will arrive shortly, but the findings are as follows:

Location 1 (TMK: 3-3-03: 25) -- Nawiliwili Ahupua'a

Three historic residences (9390, 9401, and the caretaker's home) are on this parcel, but significant prehistoric sites appear unlikely to be present due to sugarcane cultivation.

Location 2 (TMK: 3-6-02: 1) -- Kalapaki and Hanamaulu Ahupua'a

Again, almost all of this land was under sugarcane cultivation, making the presence of significant prehistoric sites unlikely. A historic building was identified (site 9402), but it is in bad repair.

Location 3 (TMK: 3-7-01: 1) -- Hanamaulu Ahupua'a

No sites were located on the slopes formerly covered by sugarcane. However, the area near the Hanamaulu valley has many small valleys and gullies which were not surveyed, and it is possible that historic sites are present here since the land surface seems to have been undisturbed by sugarcane cultivation.

Based on these findings, our recommendations are that if the historic buildings are avoided and if the valleys and gulches in the third parcel in Hanamaulu are avoided, then the construction of the judiciary building will have "no effect" on significant historic sites. If the buildings are to be affected, however,

Stanley G.H. Yim  
March 30, 1990  
Page Two

then further documentation and significance evaluations would be needed, and then possibly mitigation. If the valleys and gulches are to be used, then that area would need to undergo archaeological survey to determine if significant historic sites are present, and if such sites were present, then mitigation would have to occur.

If you have any questions, please feel free to contact our Historic Preservation Program (548-7460). Ms. Nancy McMahon, our staff archaeologist for Kauai, should be able to answer any questions.

Sincerely,



DON HIBBARD, Director  
Historic Preservation Program

ARCHAEOLOGICAL FIELDCHECK  
OF THREE PARCELS IN LIHUE JUDICIARY DISTRICT:  
POSSIBLE LOCATIONS  
FOR A NEW KAUA'I JUDICIARY BUILDING

Nawiliwili, Kalapaki, and Hanamaulu, Kaua'i

Nancy McMahon, M.A., M.Ed.  
Historic Preservation Program  
Department of Land & Natural Resources  
State of Hawaii

February 1990

RECEIVED

JUL 16 1990

STANLEY YIM & ASSOC. INC.

## INTRODUCTION

At the request of Stanley Yim and Associates and DAGS, an archaeological fieldcheck was conducted on three parcels (TMK: 4-3-6-02: 01; 4-3-7-01: 01; and 4-3-3-03: 25), (See Figure 1 and 2) in the judicial district of Lihue. This work was done on February 8, 1990.

## METHODS

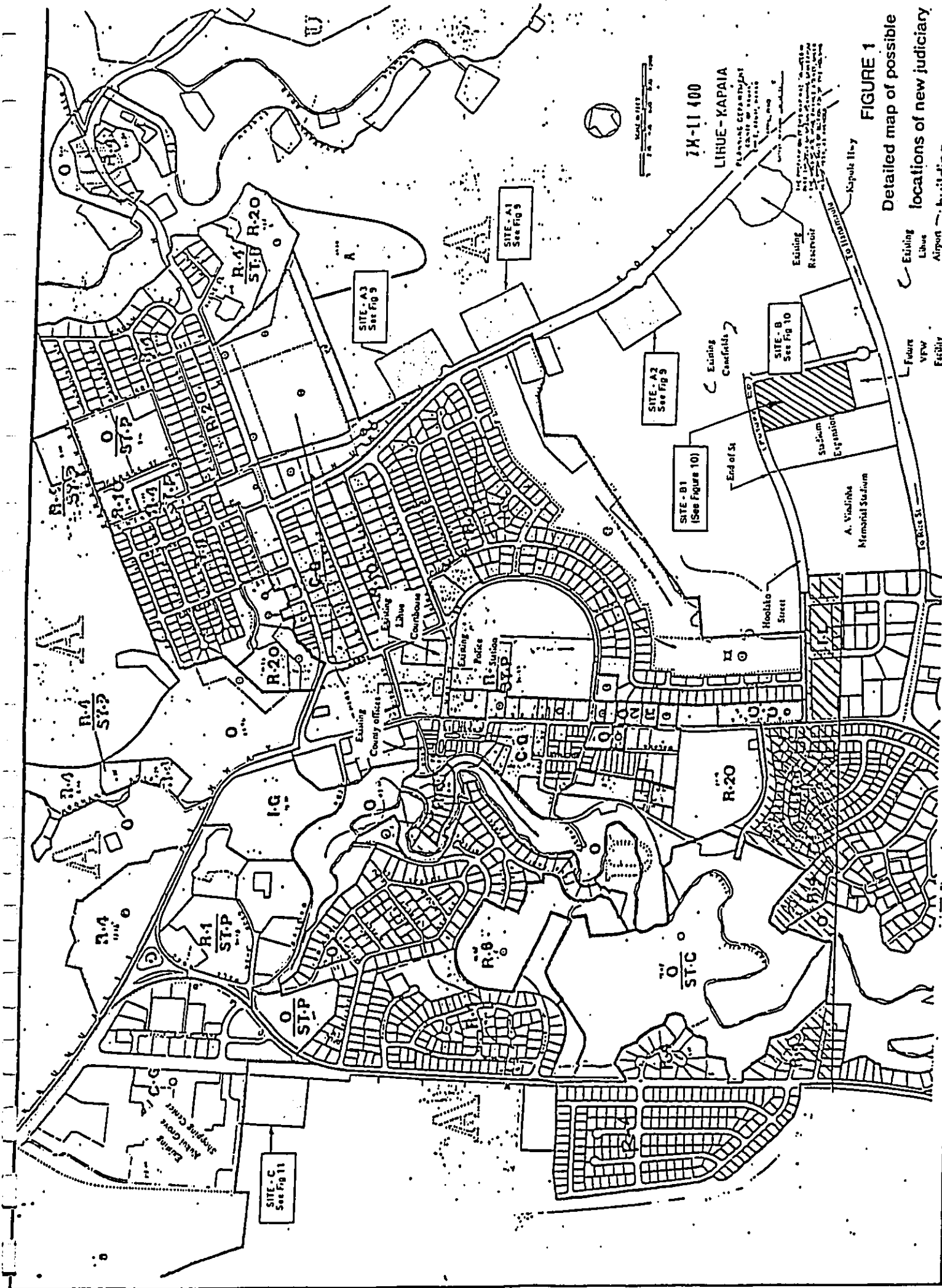
All level slopes in the sugar cane fields were checked to be sure there were no enclaves of original terrain. Each parcel was surveyed by walking through the area either by following the access roads or ditches in the cane fields and by driving around the main roads which surround each parcel. The area was not systematically walked, rather the sample served as the basis for conclusions. Photographs were taken of all three parcels. Original photographs are in on file in the State Historic Preservation Office.

All historic sites were photographed, given inventory numbers, and located on the USGS (Figure 2). But none were accurately plotted or measured. In sum, this was a very brief fieldcheck to see what was located on the parcels.

## BACKGROUND

The boundaries of these three parcels are located in the traditional district of Puna. Location 1 is located in the ahupua'a of Nawiliwili; Location 2 is situated in Kalapaki and Hanamaulu, and Location 3 is in the ahupua'a of Hanamaulu.

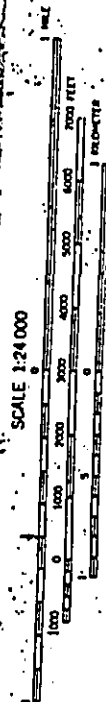
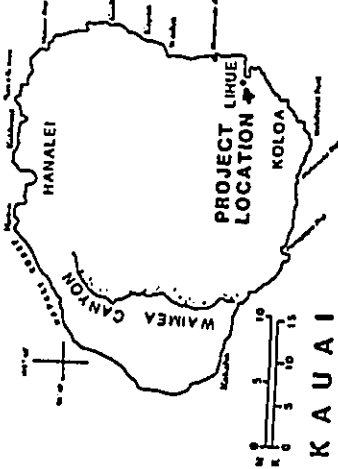
The most recent archaeological work in this vicinity was an archaeological survey conducted by Walker and Rosendahl (1988) and Rosendahl (1989), which included subsurface testing. Their work and backhoe testing was at parcel 4-3-3-03: 01. No cultural deposits were found. Descriptions of the soil matrix can be found in that report which is on file in the Historic Preservation Program Division, State of Hawaii Department of Land and Natural Resources.



**FIGURE 1**  
 Detailed map of possible  
 locations of new judiciary  
 building

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

159°25' 21°09'30" 159°30' 21°10'30"



CONTOUR INTERVAL 40 FEET  
 DOTTED LINES REPRESENT 20 FOOT CONTOURS  
 DEPTH CURVES AND SOUNDINGS IN FEET— DATUM IS MEAN LOWER LOW WATER  
 SHORTLINE SHOWS ELEVATION IN FEET— DATUM IS MEAN LOWER LOW WATER  
 THE HIGHEST POINT OF THE ISLAND IS 5200 FEET

MAGNETIC NORTH  
 TRUE NORTH  
 APPROXIMATE MAGN. DECLINATION 1983

FIGURE 2  
 Areas Surveyed and Sites

## FINDINGS

Location 1 (TMK: 3-3-03: 25) -- Nawiliwili Ahupua'a (Figure 3.)  
(Photos Roll #1: 15 - 36 and Roll #2: 0 - 9)

A majority of this parcel is currently under cane cultivation. Two historic residences (Site 9390) (Photos Roll #2: 0 - 4) and (Site 9401) (Photos Roll #2: 5 - 7) were identified, evidently a plantation manager's house (4181 Nawiliwili Road) and another plantation house. These sites were described by Rosendahl (1988). Included on this same parcel were two other buildings. One is the caretakers home (Photo Roll #2: 4) and the other is a garage (Photo Roll #2: 3). Numerous exotic plants are on the property. Adjacent to this parcel off Nawiliwili Road is Site 9401. The address is 4151 Nawiliwili Road. This also appears to be a plantation era house. It appears to be in good condition.

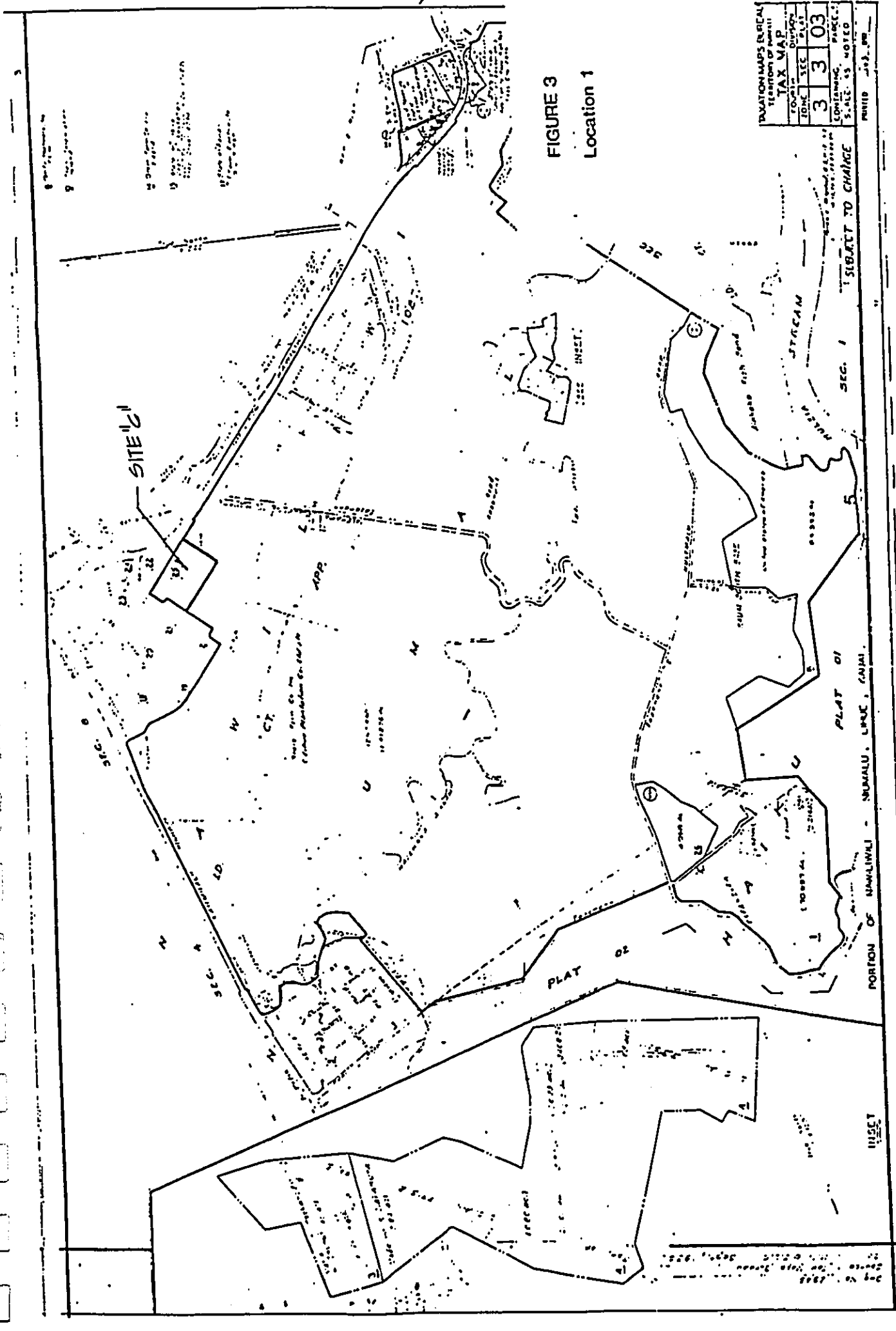
Location 2 (TMK: 3-6-02: 1) -- Kalapaki Ahupua'a (Figure 4.)  
(Photos Roll #2: 10 - 15)

Again almost all of this land was under cane cultivation. One historic building was identified (Site 9402) TMK: 3-6-02: 4, (Photos Roll #2: 12 -14). The building is in bad repair. It is owned by AMFAC. Apparently the radio station KTOH was using it for some time ago.

Location 3 (TMK: 3-7-01: 1) -- Hanamaulu Ahupua'a (Figure 5.)  
(Photo Roll #2: 16, 17)

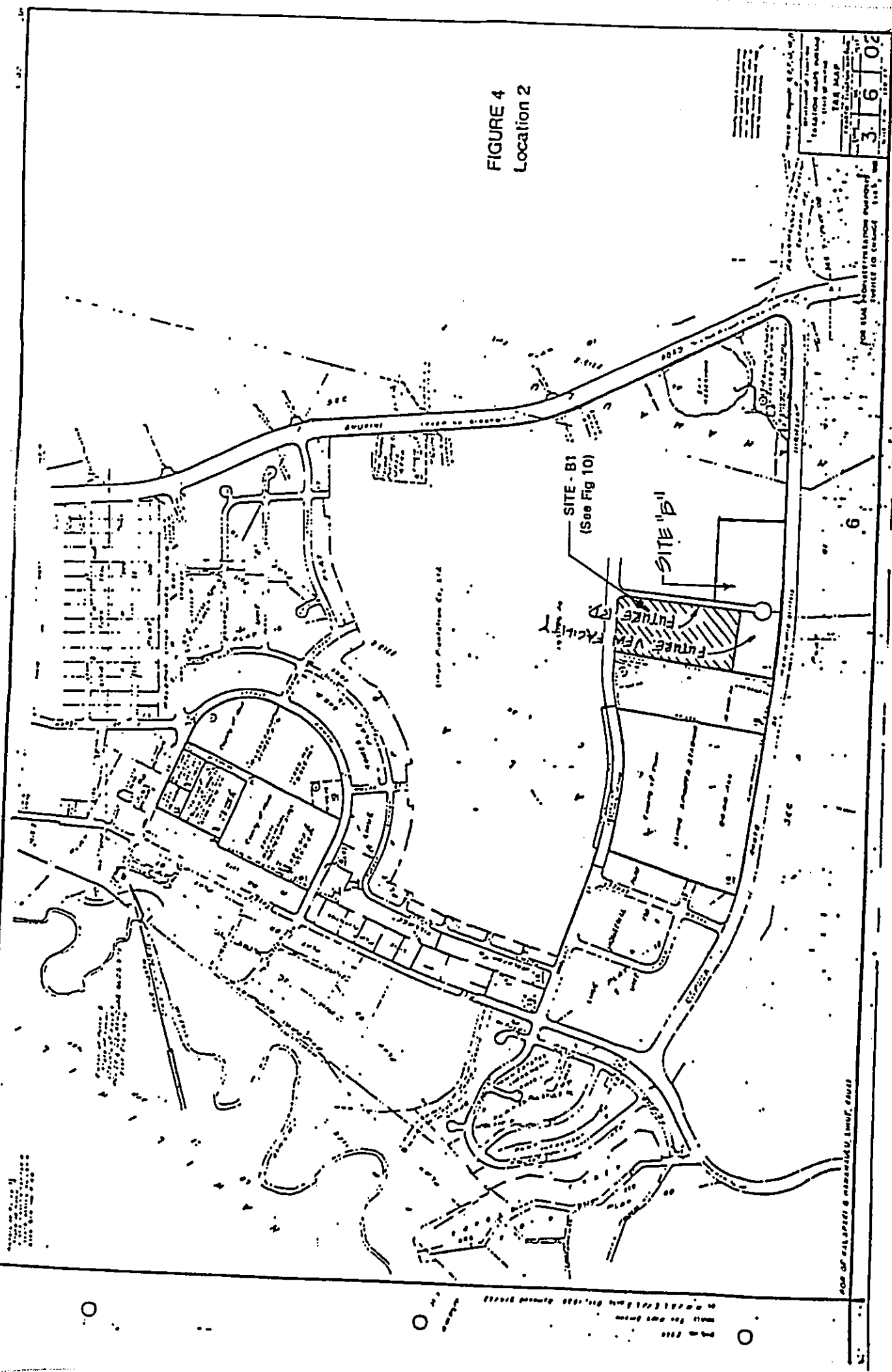
No sites located on gentle slopes formerly covered by sugarcane. The area near the Hanamaula valley has many small valleys and gullies which were not surveyed. Previous archaeological studies in former cane fields have found historic sites in many of the valleys and gullies. Sugarcane production did not occur in these areas due to the difficulty of bring heavy machinery there. Therefore, the possibility of historic sites is highly likely in the valleys and gullies along the cane fields.

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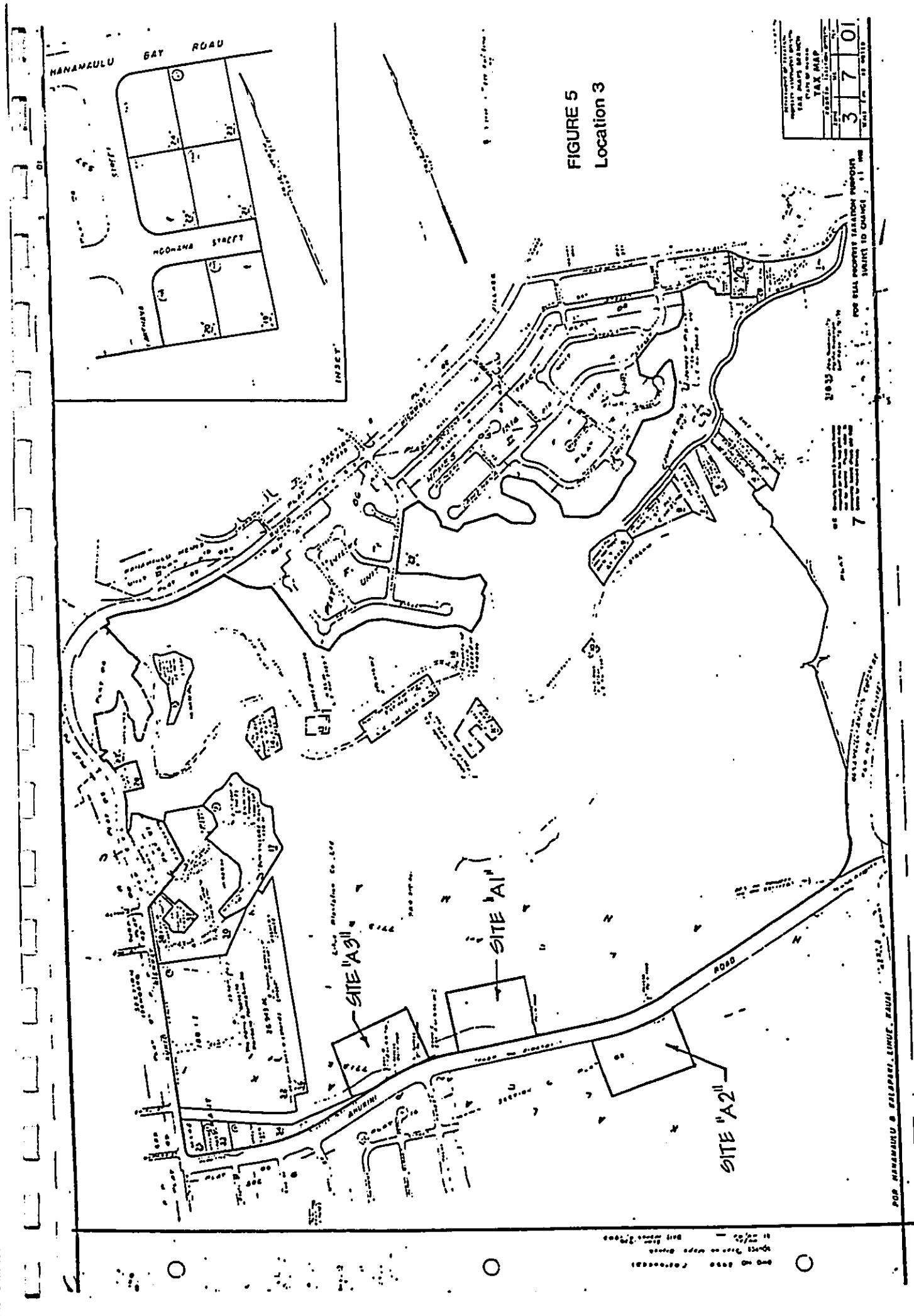




RECEIVED AS FOLLOWS



RECEIVED AS FOLLOWS



#### DISCUSSION

This reconnaissance survey did locate 3 sites (historical buildings). The sites were photographed but need to be plotted on maps during topo survey work. No midden or artifacts were visible on any of the parcels surveyed.

The significance evaluations of these sites is given in Table 1. This survey did not extend up into the valleys and gullies in the plantation land near the Hanamaulu valley. Previous archaeological work has located sites in such valleys.

TABLE 1

Sites & Significance Assessments

Site	Significance Criteria					NLS	NS
	a	b	c	d	e		
9390	x	x	x	x			
9401	x		x				
9402				x			

- a = Association with broad patterns of history.
- b = Association with significant persons.
- c = Excellent examples of of a site type.
- d = Have yielded, or likely to yield, important information on prehistory or history.
- e = Culturally significant to an ethnic group.

NLS = No longer significant. Was significant solely for criterion "d", and an adequate and reasonable amount of the significant information has been recovered and/or recorded.

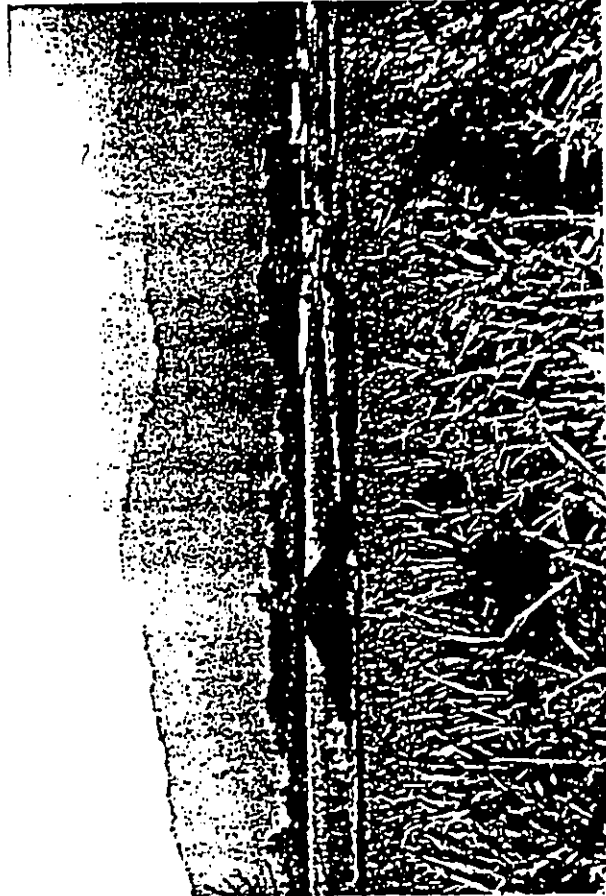
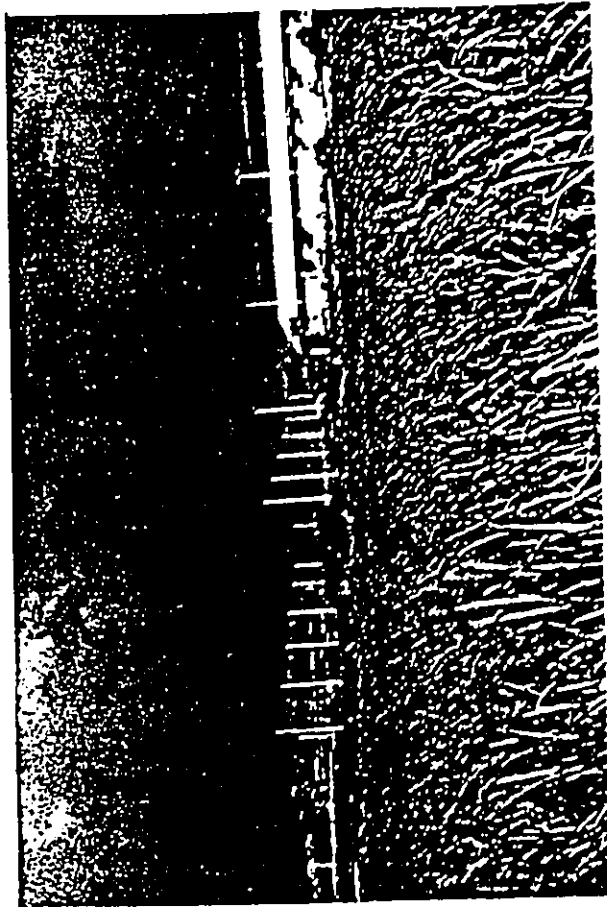
NS = Not significant.

REFERENCES CITED

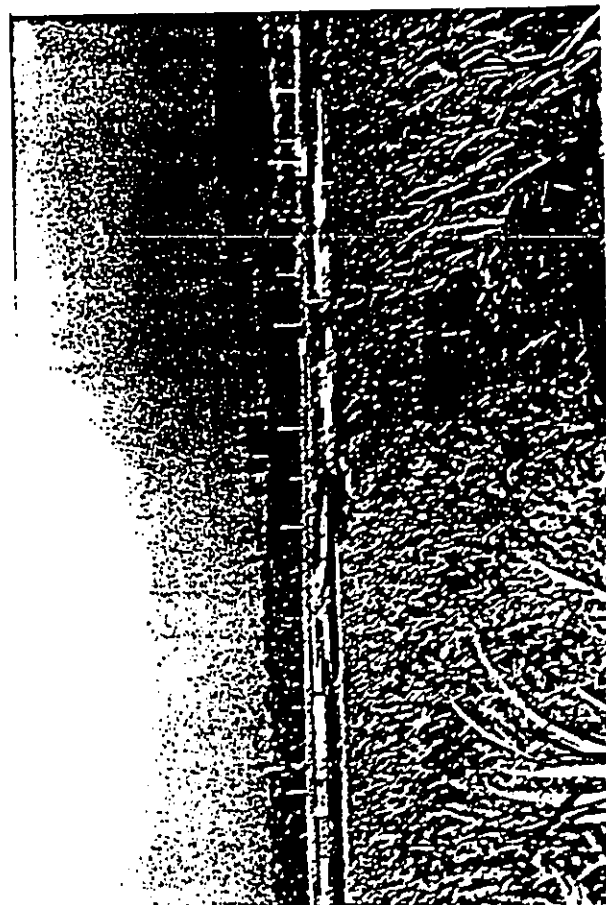
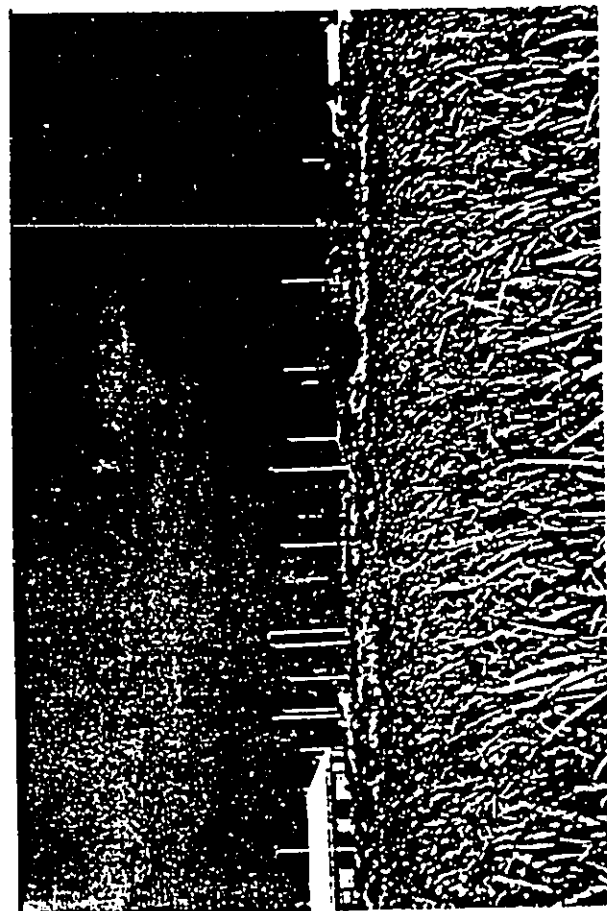
Walker, A. T., and P.H. Rosendahl  
1988 Interim Report: Summary of Findings, and General  
Significance Assessments and Recommended General Treatments,  
Archaeological Surface and Subsurface Inventory Survey, Grove Farm  
Lihue/Puhi Project Area, Lands of Nawiliwili, Niumalu and Haiku,  
Lihue District, Island of Kauai. Prepared for Grove Farm  
Properties, Inc. and Belt Collins & Associates.

Rosendahl, P.H.  
1989 Addendum Report: Archaeological Inventory Survey of Eight  
Additional Areas, Grove Farm Lihue/Puhi Project Area, Lands of  
Nawiliwili, Niumalu and Haiku, Lihue District, Island of Kauai  
(4-3-3-03: Por. 1)

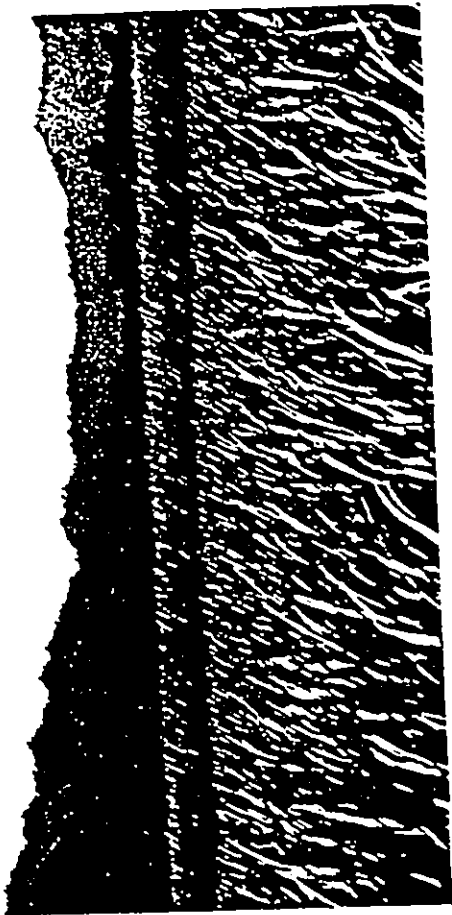
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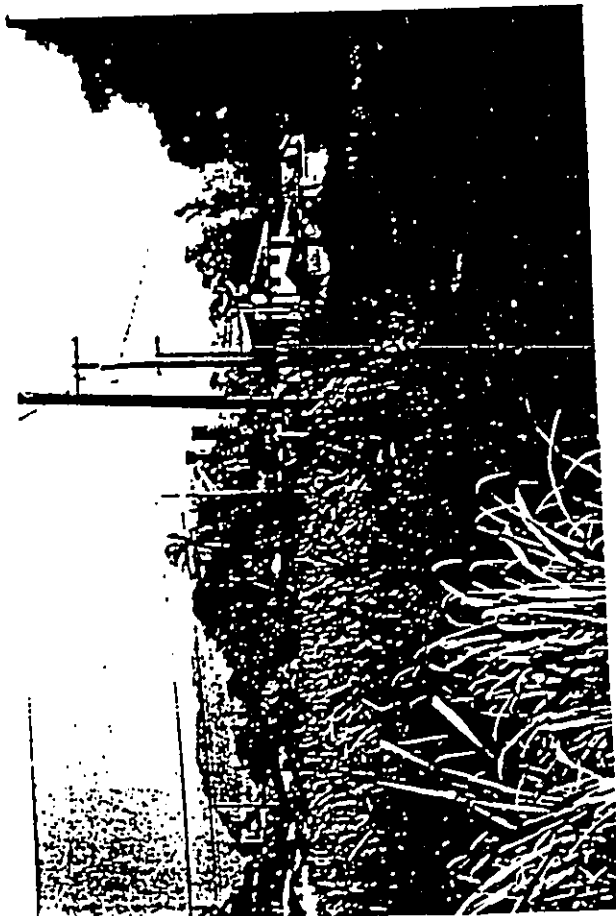
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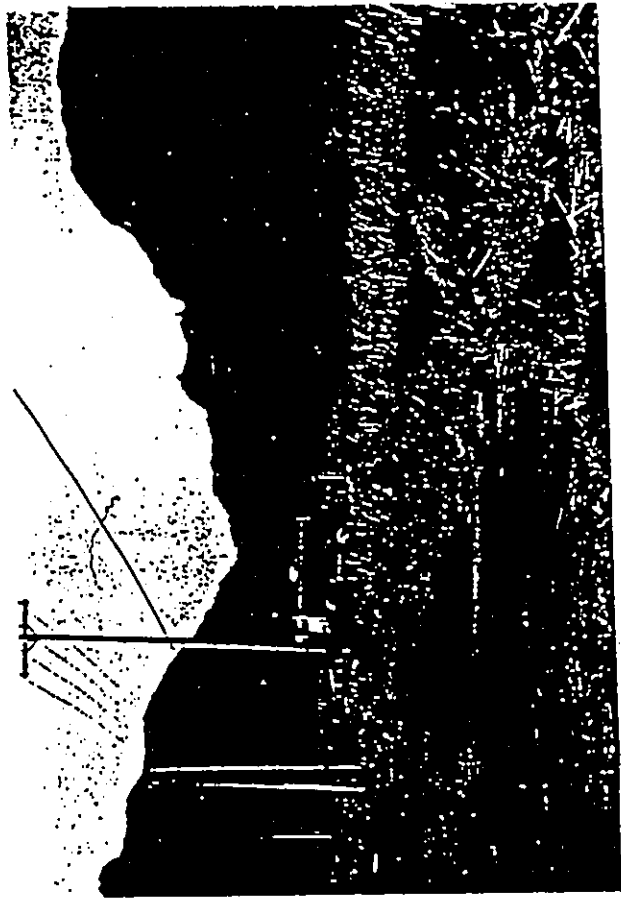
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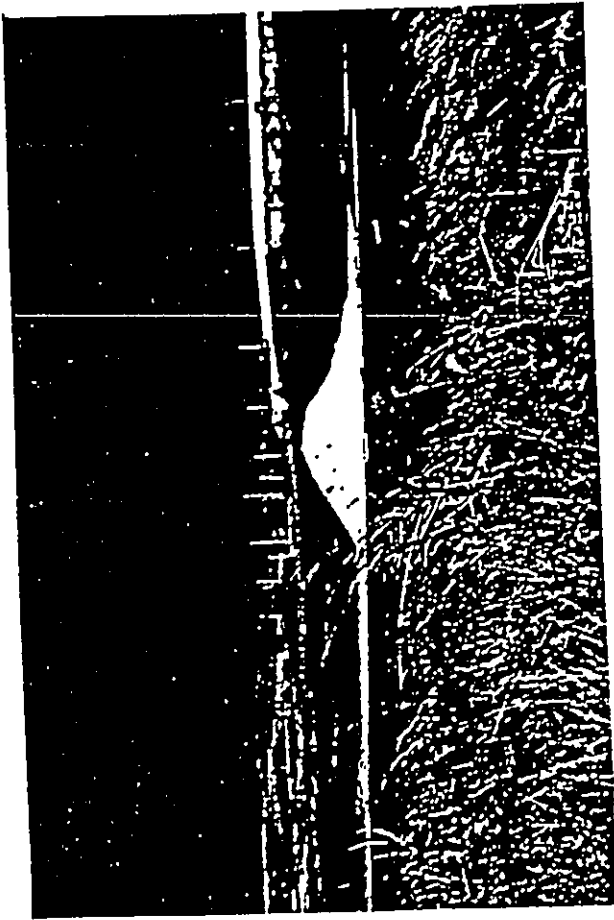
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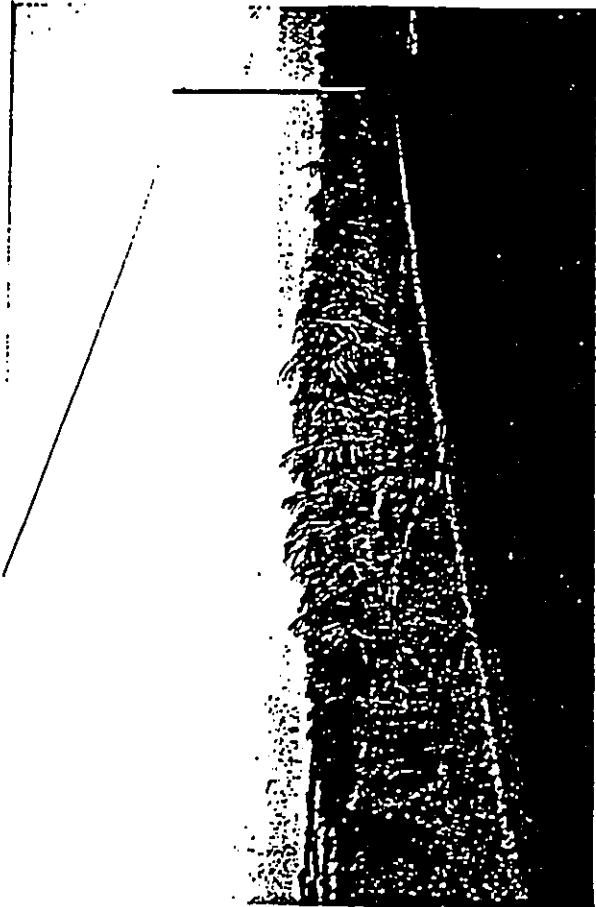
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35mm PRIN. C





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35MM PRINTS

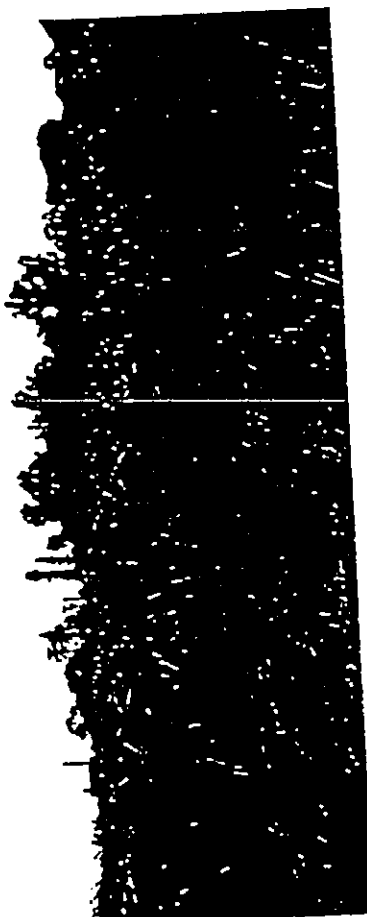


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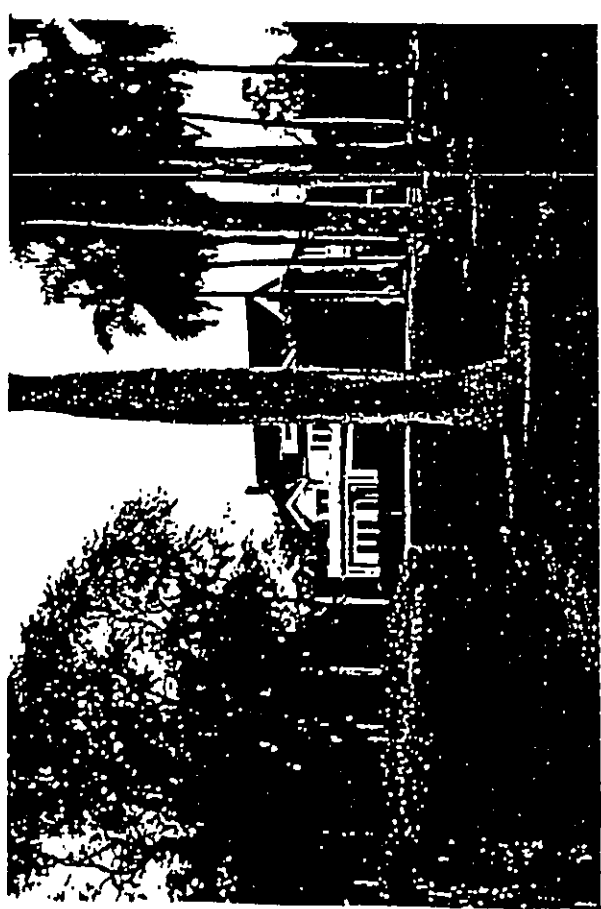
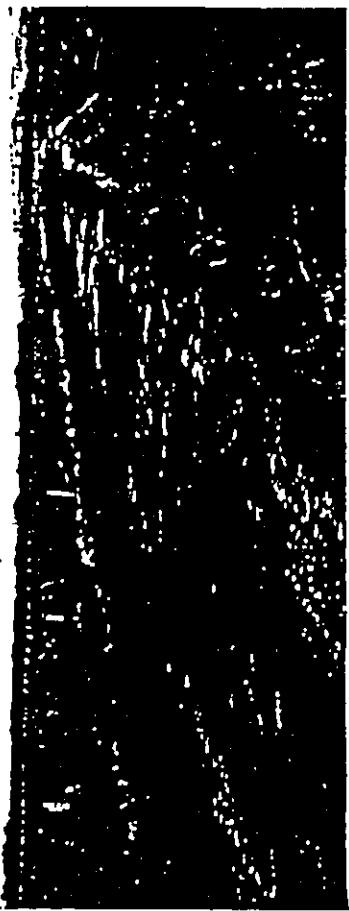


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357 RINT



RECEIVED AS FOLLOWS

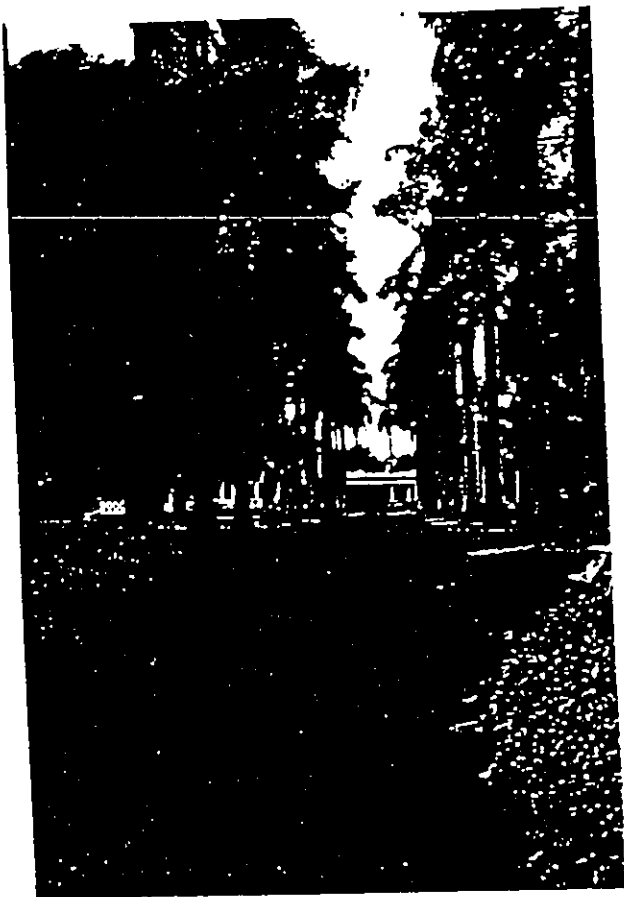
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3MM  
ITS



RECEIVED AS FOLLOWS

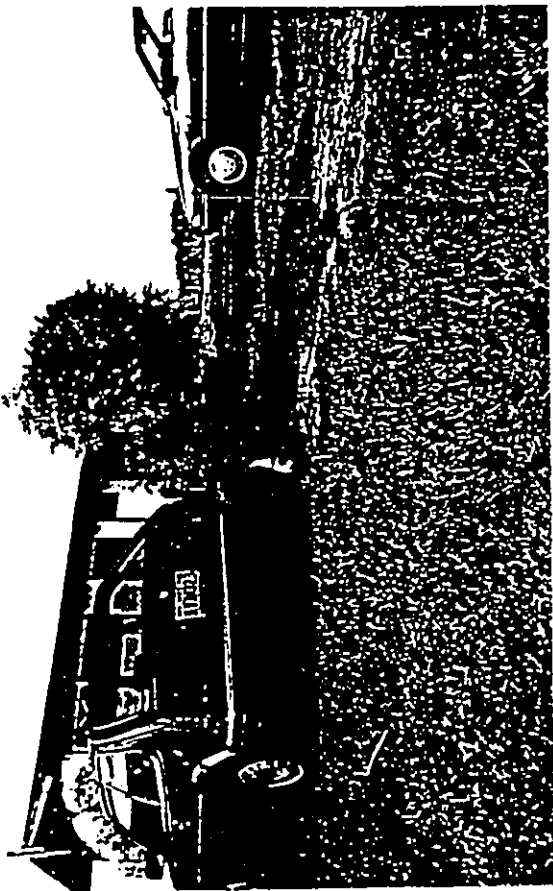


NE 584  
35MM PRINTS

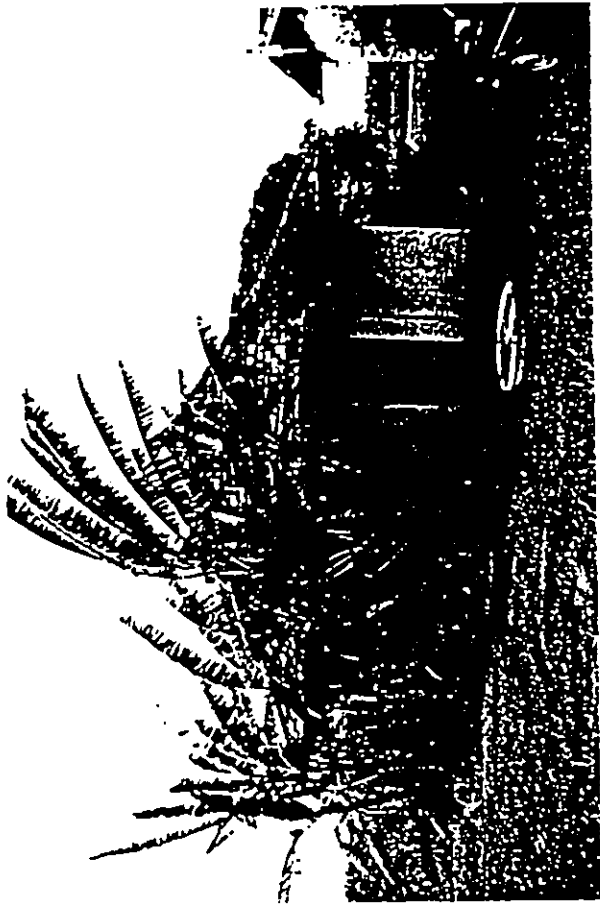


RECEIVED AS FOLLOWS

CLINE #F0584  
35MM PRINTS



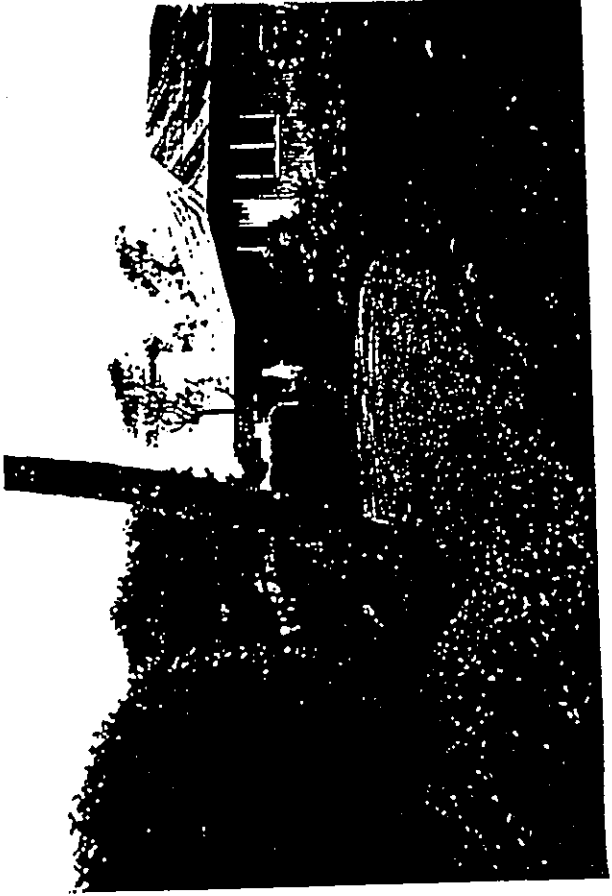
RECEIVED AS FOLLOWS



C-LINE #52584  
35MM PRINTS



RECEIVED AS FOLLOWS



PRINTS



JOHN WAIHEE  
GOVERNOR OF HAWAII



STATE OF HAWAII  
DEPARTMENT OF LAND AND NATURAL RESOURCES  
STATE HISTORIC PRESERVATION DIVISION  
33 SOUTH KING STREET, 8TH FLOOR  
HONOLULU, HAWAII 96813

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HISTORIC PRESERVATION  
DIVISION  
LAND MANAGEMENT  
STATE PARKS  
WATER AND LAND DEVELOPMENT

March 17, 1992

Stanley G.H. Yim  
Stanley Yim & Associates, Inc.  
770 Kapiolani Blvd., Suite 703  
Honolulu, Hawaii 96813

DOC NO: 4887  
LOG NO: 1833W

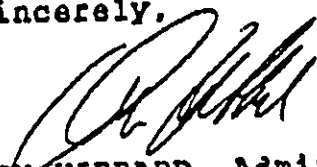
Dear Mr. Yim:

SUBJECT: Historic Preservation Review -- Proposed Area for the  
Kauai Judiciary Building  
TMK: 3-3-3: 01 por.  
Niumalu, Lihue, Kauai

On March 12, 1992, at your request and DAGS, an archaeological fieldcheck was conducted on an additional parcel considered for this project (TMK: 3-3-03: 01 por.). See attached maps. This work was conducted by Nancy McMahon, our staff archaeologist for the County of Kauai, Mr. Greg Kamm and Mr. Bill Honju of Grove Farm and yourself. The project area is approximately 22.1 acres in size. All of this land is currently under sugarcane cultivation, making the presence of significant historic sites unlikely.

Therefore, we believe that the proposed construction of the judiciary building in this project area will have "no effect" on significant historic sites.

Sincerely,

  
DON HIBBARD, Administrator  
State Historic Preservation Division

Attachments

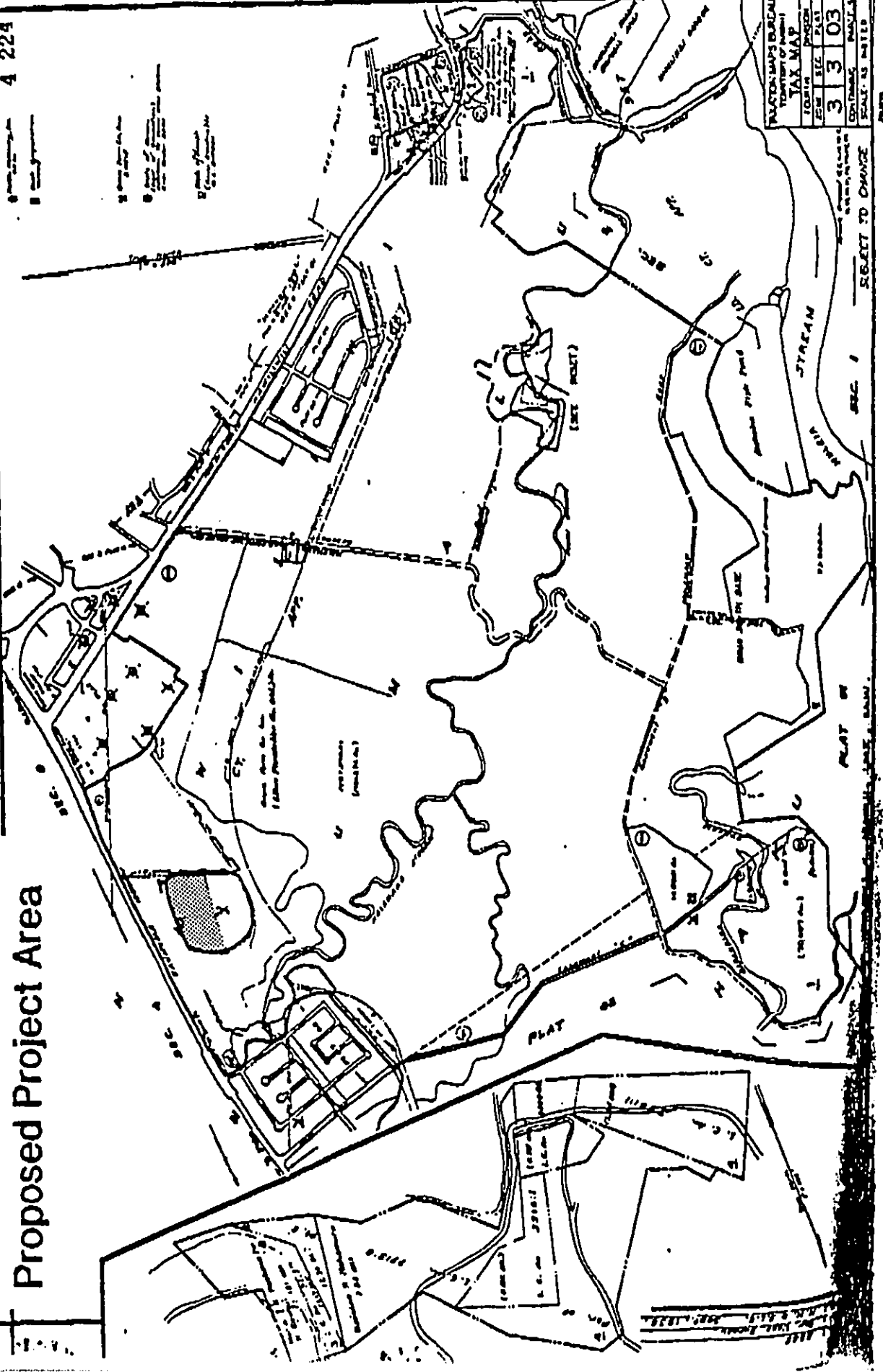
NM:sty

MAR 18 1992



# Proposed Project Area

4 224



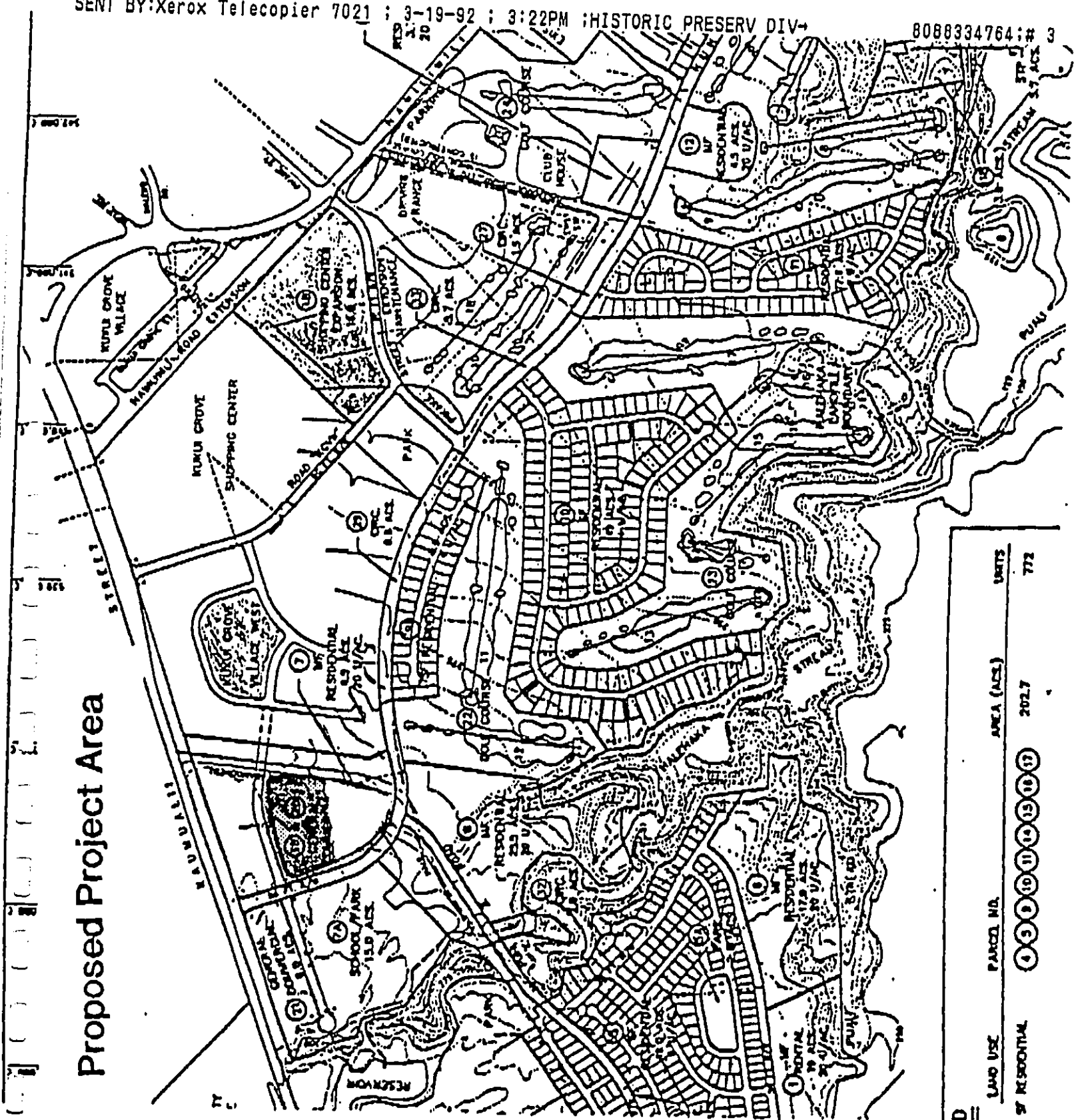
PLANNING MAPS BUREAU			
TAX MAP			
SECTION	TOWNSHIP	RANGE	PLAT
3	3	3	03
SCALE: AS SHOWN			

SCALE TO CHANGE

SENT BY: Xerox Telecopier 7021 ; 3-19-92 ; 3:22PM ; HISTORIC PRESERV DIV

8088334764 ; # 3

**Proposed Project Area**



LAND USE	PARCEL NO.	AREA (ACRES)	UNITS
RESIDENTIAL	4 5 8 10 11 14 15 16 17	202.7	772

**APPENDIX G**

**STATE LAND USE COMMISSION ORDER FOR  
REDISTRICTING INCREMENTS I & II  
FOR  
GROVE FARM PROPERTIES**

**(SITE C2 IS A PART OF INCREMENT II)**

ORDER

IT IS HEREBY ORDERED that a portion of the Property, identified as Increment 1, consisting of approximately 480 acres being the subject of Docket Number A89-636 by Grove Farm Properties, Inc., situated at Lihue and Puhi, Island and County of Kauai, State of Hawaii, identified as Kauai Tax Map Key Numbers: 3-3-03: Portion of Parcel 1 and 3-3-06: Portion of Parcel 19, and approximately identified on Exhibit "A", attached hereto and incorporated by reference herein, for reclassification from the Agricultural District to the Urban District, shall be and hereby is approved, subject to the following conditions:

IT IS ALSO HEREBY ORDERED that the remaining balance of the Property, identified as Increment II, consisting of approximately 116.775 acres of the petition area, situated at Lihue and Puhi, Island and County of Kauai, State of Hawaii,

identified as Kauai Tax Map Key Number: 3-3-03: Portion of Parcel 1, and approximately identified on said Exhibit "A", shall be and the same is approved for incremental districting pursuant to Section 15-15-78 of the Commission Rules and that redistricting of Increment II from the Agricultural to the Urban District will be granted upon receipt of an application by Petitioner for redistricting of this second increment upon a prima facie showing that there has occurred substantial completion of the on-site and off-site improvements within Increment 1 and in accordance with the Petitioner's development plan as represented, within five years of the date of final County zoning approval and subject to the following conditions:

1. In connection with any application for Zoning Amendment or Special Permit for any portion of the Property, Petitioner shall prepare a report to the appropriate County agency addressing the following areas of concern:

a. The availability of public services and facilities such as schools, sewers, parks, water, sanitation, drainage, road, refuse collection and disposal, police, and fire protection, the adequacy thereof, and an assessment as to whether the anticipated density and uses to which the Property will be put would unreasonably burden State or County agencies; and how the Petitioner intends to aid in the resolution of any identified inadequate facilities or services;

b. A detailed drainage analysis of the Property, including an assessment of the downstream impacts which would

result upon approval of the Petitioner's application and the mitigative measures proposed with respect to all such impacts;

c. A description and analysis of how the Petitioner proposes to provide its requested development with sewage and waste water treatment and disposal;

d. A description of the Petitioner's proposed development schedule of all the land uses proposed and phasing development, which development schedule shall also include and address development of the Project's interior roadway system.

2. The affordable housing requirement shall be satisfied as follows:

A. Petitioner shall provide housing opportunities for low, low-moderate, and moderate income Hawaii residents by offering for sale at least thirty percent (30%) of the units at prices which families with an income range of 80 to 120 percent of Kauai County's median income can afford and thirty percent (30%) of the units which families with an income range of 120 to 140 percent of Kauai County's median income can afford. This condition may be fulfilled through projects, under such terms as may be mutually agreeable, between Petitioner and the Housing Finance and Development Corporation of the State, or other appropriate governmental agency.

This condition may also be fulfilled, with the approval of the Housing Finance and Development Corporation, through the construction of rental units to be made available

at rents which families in the specified income ranges can afford.

B. The affordable housing requirements may also be satisfied in a manner that meets with the approval of the County of Kauai and the State Housing Finance and Development Corporation. Said requirements shall take into consideration affordable on-site (with the subject petition area) or off-site housing units or cash payments that satisfy the then current housing needs, or other necessary or desirable community facilities.

3. Petitioner shall coordinate with the State of Hawaii and/or the County of Kauai, as appropriate, to ensure that drainage, as well as other infrastructural and service systems, are compatible and developed in a timely fashion to prevent degradation of groundwater and coastal ecosystems. Such infrastructure shall be funded by the Petitioner.

4. Petitioner shall participate in or otherwise provide all additional planning studies related to the Project as required by the State Department of Transportation (DOT). Petitioner shall also participate in the funding and construction of on-site and off-site transportation improvements associated with the proposed development and in designs and schedules required, accepted and coordinated with the DOT. Petitioner shall also provide appropriate dedication of land for the widening of Kaumualii Highway fronting the

proposed development and funding for project related signalization and intersection improvements as required by the DOT.

5. Petitioner shall fund and develop, as required by the County of Kauai and/or the State, as appropriate, the necessary measures required to obtain adequate supplies of water. Petitioner shall also fund and develop as necessary water storage and distribution systems for the proposed development. Petitioner shall obtain such permits as may be required by the State of Hawaii relating to Petitioner's development.

6. Petitioner shall comply with the requirements of the County of Kauai and the Department of Health of the State of Hawaii to expand existing on-site and off-site wastewater collection, treatment, and disposal infrastructure facilities and shall include the proposed project as part of the Petitioner's master plan for a wastewater system.

7. Petitioner shall pay its pro rata share for expansion of educational facilities by way of dedicating a site for such activities at a location within the Project area and containing an area to be mutually agreed upon by the State Department of Education, but no more than 10 acres, provided the State Department of Education elects to obtain such a site prior to the zoning of the Property.

8. Petitioner shall provide a detailed preservation plan for the two (2) identified historical sites to be prepared



and submitted for review and approval by the State's Historic Sites Section and the County of Kauai's Historic Preservation Commission. These agencies shall also verify the successful execution of this plan. This plan must be executed prior to construction. Should any new historical sites be identified during project construction Petitioner shall provide a preservation or data recovery plan as required by the DLNR.

Should any archaeological resources such as artifacts, shell, bone, or charcoal deposits, human burial, rock or coral alignments, pavings or walls be encountered during the project's development, Petitioner shall immediately stop work and contact the State Historic Sites Section.

9. Petitioner shall provide notification to all prospective occupants of the Property of the potential odor, noise, and dust pollution resulting from surrounding Agricultural District lands, and that the Hawaii Right-To-Farm Act, Chapter 165, HRS, limits the circumstances under which pre-existing farming activities may be deemed a nuisance.

10. Petitioner shall implement appropriate mitigation measures, as recommended by the County of Kauai to limit air and water soil erosion during construction phases which could potentially impact coastal areas.

11. Petitioner shall give notice to the Land Use Commission of any intent to sell, lease, assign, place in trust or otherwise voluntarily alter the ownership interest in the

property prior to the development of the Property; provided, however, that entering into a joint venture for the development of portions of the affordable housing projects shall not require prior notice to the Land Use Commission.

12. The Commission may fully or partially release these conditions as to all or any portion of the Property upon timely motion, and upon the provision of adequate assurance of satisfaction of these conditions by the Petitioner.

13. Petitioner shall provide annual reports to the Land Use Commission, The Office of State Planning and the County of Kauai Planning Department in connection with the status of the Project and Petitioner's progress in complying with the conditions imposed.

14. Petitioner shall develop the property in substantial compliance with representations made to the Land Use Commission in obtaining the reclassification of the Property.

DOCKET NO. A89-636 - GROVE FARM PROPERTIES, INC.

Done at Honolulu, Hawaii, this 30th day of June 1989,  
per motions of June 15, 1989 and June 16, 1989.

LAND USE COMMISSION  
STATE OF HAWAII

By *Renton L. K. Nip*  
RENTON L. K. NIP  
Chairman and Commissioner

By *Lawrence F. Chun*  
LAWRENCE F. CHUN  
Vice Chairman and Commissioner

By *Allen K. Hoe*  
ALLEN K. HOE  
Commissioner

By *Sharon R. Himeno*  
SHARON R. HIMENO  
Commissioner

By *T. Tacbian*  
TEOFILO PHIL TACBIAN  
Commissioner

By (abstained)  
TORU SUZUKI  
Commissioner

By *Robert S. Tamaye*  
ROBERT S. TAMAYE  
Commissioner

By *Frederick P. Whittemore*  
FREDERICK P. WHITTEMORE  
Commissioner

By *Allen Y. Rajicka*  
ALLEN Y. RAJICKA  
Commissioner

Filed and effective on  
June 30, 1989

Certified by:  
*Robert L. ...*  
Executive Officer

A89-636

GROVE FARM PROPERTIES, INC.

T. M. K.: 3-3-03: POR. 01

3-3-03: POR. 19

PUHI, LIHUE, KAUAI

SCALE: 1" = 3000' ±

— INCREMENT 1

— INCREMENT 2

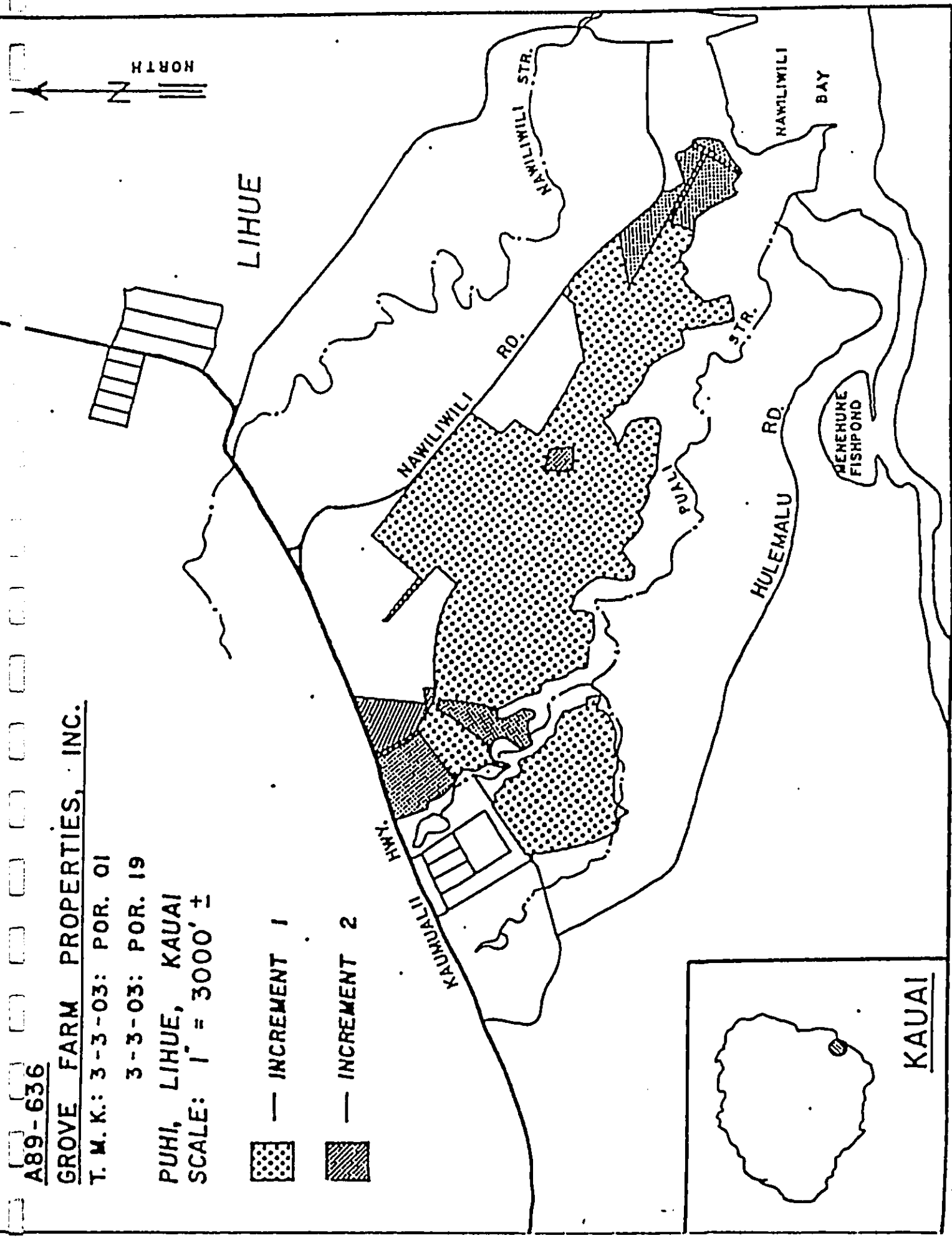


EXHIBIT A