

REF:PB:MA



STATE OF HAWAII  
DEPARTMENT OF LAND AND NATURAL RESOURCES  
LAND DIVISION  
P.O. BOX 621  
HONOLULU, HAWAII 96809

AQUACULTURE DEVELOPMENT  
PROGRAM  
AQUATIC RESOURCES  
BOATING AND OCEAN RECREATION  
CONSERVATION AND  
RESOURCES ENFORCEMENT  
CONVEYANCES  
FORESTRY AND WILDLIFE  
HISTORIC PRESERVATION  
LAND DIVISION  
STATE PARKS  
WATER RESOURCE MANAGEMENT

RECEIVED

AUG 4 2001

01 SEP -6 P2:39  
File No: Cдуа MA-3031B

OFFICE OF ENVIRONMENTAL  
QUALITY CONTROL

MEMORANDUM

TO: Nancy Heinrich, Planner  
Office of Environmental Quality Control

FROM: Masa Alkire, Planner *MA*

SUBJECT: Finding of No Significant Impact (FONSI) for the FINAL ENVIRONMENTAL ASSESSMENT by Maui Architectural Group for a single family residence and access road at Kipahulu, Maui, Hawaii. [TMK 2-1-06-01:04]

The Department of Land and Natural Resources has reviewed the revised Final Environmental Assessment for the subject project submitted by the applicant. We have no objections to the additions and revisions. Our department thus has come to a Finding of No Significant Impact (FONSI) determination. Please publish notice for this FEA in the September 8<sup>th</sup>, 2001 issue of The Environmental Notice.

Should you have any questions, please contact Masa Alkire of our planning staff at 587-0385.

SEP - 8 2001

**FILE COPY**

*2001-09-08-MA-FAA-Huang-Kinser Residence*

**FINAL  
ENVIRONMENTAL  
ASSESSMENT**

*for*  
***Alfred Huang & Richard Kinser***  
*SR 167a, Hana HI 96713*

*for property located at*  
*Kipahulu, Maui, Hawaii*  
*TMK # (II) 1-06-01:04*

Prepared By  
Maui Architectural Group  
2331 W. Main Street  
Wailuku, Maui, HI 96799

AUGUST 2001

DEPT. OF ENVIRONMENTAL  
QUALITY CONTROL

01 AUG 31 PM 2:03

**RECEIVED**

FINAL ENVIRONMENTAL ASSESSMENT

BEFORE THE BOARD OF LAND AND NATURAL RESOURCES  
STATE OF HAWAII

In the Matter of the Application of ) DOCKET NO. \_\_\_\_\_  
Alfred Huang and Richard Kinser )  
)  
To Obtain an Environmental )  
Assessment (EA) for the proposed )  
Dwelling )  
Maui Tax Map Key 1-06-01 : 04 )  
at Kipahulu, Island of Maui, )  
County of Maui, State of Hawaii. )

THE APPLICANT

Name: Alfred Huang and Richard Kinser  
Address: SR 167A , Hana, Maui, HI 96713  
Phone Number: 248-8586

Agent: James Niess, Maui Architectural Group  
Address: 2331 W. Main Street, Wailuku, Maui, HI 96793  
Phone Number:244-9011

THE APPLICATION

This matter arises from an application for an environmental assessment (EA) filed on March 15, 2001 pursuant to Chapter 200 Environmental Impact Statement Rules of the Department of Health, State of Hawaii, by Alfred Huang and Richard Kinser ("Applicant"), on approximately 128 acres of area in

the Kipahulu District, situate at Hana, Island of Maui, County of Maui, identified as Maui Tax Map Key No.: 1-06-01 : 04 (hereinafter the "Property").

#### PURPOSE OF THE APPLICATION

The Applicant is requesting an environmental assessment (EA) for the construction of a 1,725 Square foot dwelling and access road.

The environmental assessment is prepared in accordance with Subchapter 6, SS 11-200-9 of Chapter 200, Environmental Impact Statement Rules of the Department of Health, State of Hawaii.

#### APPROVING AGENCY

Board of Land and Natural Resources  
PO Box 621  
Honolulu, HI 96809  
Contact Person: Mr. Masa Alkire  
Phone: (808) 587-0385

#### CONSULTING AGENCIES

State Historic Preservation Division, Department of Land & Natural Resources  
Division of Forestry & Wildlife, Department of Land & Natural Resources  
State Department of Health  
State of Hawaii, Department of Transportation  
County of Maui, Planning Department  
National Park Service  
University of Hawaii  
US Department of Agriculture, Natural Resources Conservation Service

#### GENERAL DESCRIPTION

##### Description of the Property

1. The property which is approximately 128 acres is identified as Maui Tax Map Key Number: 1-06-01 : 04. It is located in the Kipahulu District of Maui, Hawaii. It contains moderate to steep slopes. Its south-west boundary is located at approximately 1,000 ft. elevation and its north-east boundary is located at approximately 2,000 ft elevation.

2. The Land Use Designations for the Property are as follows:

- a. State Land Use District –Conservation, General Subzone
- b. Hana Community Plan—Agriculture
- c. Zoning –Conservation
- d. Special Management Area –Not Applicable
- e. Other Special Districts – Not Applicable

3. The Surrounding Land Uses are as follows:

- a. North – Conservation, General Subzone
- b. East --Conservation, General Subzone
- c. South -- Agriculture
- d. West -- Conservation, General Subzone

4. The property is currently undeveloped.

5. Existing Services:

- a. Water -- There is no municipal water supply. Water is available through roof collection of rain water
- b. Sewers -- There is no municipal sewer system serving the property. Sewage disposal will be managed through a composting toilet.
- c. Roadways – The property is serviced by a fifty-foot access right of way to Hana Highway. It is largely unimproved and is approximately 2.25 miles from Hana Highway.

- d. Drainage – Storm runoff flows naturally to Koukouai Stream, which flows out of Kipahulu Valley and through this property. This proposed dwelling will have negligible impact on storm runoff
- e. Solid Waste Disposal – Hana Landfill
- f. Utilities – No public utilities service this property. Electricity will be generated through a solar photovoltaic system.
- g. Recreational Services/Resources – Forest Reserve, Pacific Ocean (2.5 miles), Kipahulu Community Center (2.4 miles)
- h. Police and Fire Protection --Hana approximately 9 miles east of the property.
- i. Schools – Hana approximately 9 miles from the property.

#### DESCRIPTION OF THE PROPOSED DEVELOPMENT

The proposed dwelling is approximately 1725 square feet. Mr. Huang, a noted author and scholar, will utilize this structure for his personal dwelling.

#### AFFECTED ENVIRONMENT

##### Agriculture

The project will have no impact on agriculture in the immediate area. Cattle are currently grazing property to the south. The project will facilitate inspection of fence lines to insure cattle do not enter the Kipahulu Forest Reserve.

### Impacts on Infrastructure and Services

Since no services are currently provided and no public services will be required by this project, there will be little or no impact to the current infrastructure

- a. Water – Rainwater collection
- b. Sewers – Composting toilet and gray water drainage system. See attached literature regarding composting toilet proposed for this dwelling(Atch. 1). Also see conceptual design for graywater system prepared by L. Taylor, P.E.(Atch. 2).
- c. Roadways/Traffic—negligible addition to traffic
- d. Drainage—1,700 SF of roof surface on 128.46 acres will create negligible runoff. Drainage will be accommodated through natural percolation.
- e. Solid Waste Disposal—Recycling will be instituted. The remaining solid waste is estimated to be negligible.
- f. Utilities—Will be generated on site. Power will be provided through photovoltaics, hot water will be provided through solar collectors and cooking will be accomplished through the use of bottled propane.
- g. Recreational Services/Resources—There will be no impact on these resources. Mr. Huang is 80 years old. Meditation is his recreation.
- h. Police and Fire Protection—Fire protection will be provided through fire extinguishers and on-site water storage. The Hana station provides police protection. This project will have minor impact on these services.
- i. Schools—No children are associated with this project consequently there is no impact to area schools.
- j. GRUBBING, GRADING AND LANDSCAPING - The proposed dwelling site will be grubbed by hand with the aid of a backhoe. The dwelling foundation

will be post and pier to minimize grading and disruption of surface drainage. Landscaping will be minimal and only native species will be employed to replant grubbed areas. The roadway will be shaped to manage drainage and minimize erosion. This roadway construction method has been employed successfully in the pastures below the property (see Atch. 3).

#### Impacts on Environment

The access roadway will be graded to minimize erosion. The dwelling will be sited with minimal grading to allow the natural flow of storm runoff to be unimpeded. There are no endangered plant species on the access route or building site. In point of fact the property is over-run with introduced species such as strawberry guava (*Psidium cattleianum*) common guava (*Psidium guajava*), roseapple (*Syzygium jambos*), java plum, paper bark and haolekoa. In the latter part of the 19<sup>th</sup> century the area proposed for this project was planted in sugar cane.

Clearing of introduced species and reforestation with endemic Koa is a long-term goal of the applicant. The U.S. Soil and Conservation Service has featured Mr. Kinser in its publications for his efforts in this area. He is also a founding member of the Native Tree Preservation Alliance, "Kumukoa" whose stated goals include

- Public education regarding the importance of preservation of Native ecosystems
- Understanding of the complex inter-relationships of these ecosystems
- Removal of alien species
- Reforestation and restoration of native Koa



Potentially, this project can have a substantial positive impact on the lower Kipahulu Valley environment.

#### Other Impacts

The project is contemplated to have no social or economic impact on its immediate or regional environment.

#### Compliance with Government Statutes, Ordinances and Rules

The project will be subject to building codes of the County of Maui in addition to the rules governing Conservation Districts.

#### MITIGATION MEASURES

Since the project is expected to have minimal negative impact and potentially positive impact through a reforestation effort, no mitigative measures are contemplated other than those (solar power and hot water generation, composting toilet, rainwater collection, etc) discussed above.

#### FINDINGS AND DETERMINATION

The proposed single family residence is sited in an area that has been previously disturbed (by sugar cane production) and is currently overrun with alien species (guava, rose apple, etc). The applicant has long-term goals (removal of alien species and reforestation) that are consistent with conservation district use. The scale of the proposed residence is modest and poses little impact on its surroundings.

It is consequently determined that the proposed project will have no substantial or lasting negative impact on the environment.

## **FINDINGS AND REASONS SUPPORTING DETERMINATION**

**SIGNIFICANCE CRITERIA:** According to the Department of Health Rules (11-200-12), an applicant or agency must determine whether an action may have a significant impact on the environment, including all phases of the project, its expected consequences both primary and secondary, its cumulative impact with other projects, and its short and long-term effects. In making the determination, the Rules establish "Significance Criteria" to be used as a basis for identifying whether significant environmental impact will occur. According to the Rules, an action shall be determined to have a significant impact on the environment if it meets any one of the following criteria:

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

The proposed project will not impact scenic views of the mountains. The visual character of the area will not change appreciably due to the modest scale of this proposal. In addition, the subject property is located outside of the County Special Management Area (SMA).

As previously noted, no significant archaeological or historical sites are known to exist at the project's site. Should any archaeologically significant artifacts, bones, or other indicators of previous onsite activity be uncovered during the construction phases of this dwelling, their treatment will be conducted in strict compliance with the requirements of the Department of Land and Natural Resources.

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

Again the modest scale of the proposed dwelling and access road will not preclude beneficial uses of the environment. Currently the project site is overgrown with Uluhe fern and strawberry guava; two invasive and alien species that do prohibit beneficial use of the environment. Clearing of these plants and the presence of a caretaker to maintain the area will restore beneficial use of the environment that is currently being denied.

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

To the best of the Applicant's understanding the proposed development is consistent with the environmental policies established in Chapter 344, HRS, and the National Environmental Policy Act.

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

The proposed project will not alter the economic or social welfare of the community at large. Its scale is modest and the proposed residential use will neither contribute to nor substantially detract from the community welfare.

**(5) Substantially affects public health;**

Impacts to public health will be insignificant and not detectable. The proposed dwelling will be energy self-sufficient and will utilize 'green' solutions to waste management. Recycling, septic, and gray water systems will be employed to minimize any impacts on the environment. In any case this project will not substantially affect the public health.

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

There will be no substantial secondary impacts generated by the proposed dwelling. The site is very remote, there are no children involved that might add to school population and the project is design to be self-sufficient to minimize such impacts.

**(7) Involves a substantial degradation of environmental quality;**

The proposed project will utilize existing vacant agricultural land. It is anticipated that through an active program of alien species removal, control of feral grazing populations and reforestation that the project will actually improve the natural environment.

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

This is an individual project and makes no commitment to larger actions that will have a negative impact on the natural environment.

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

No endangered plant or animal species are located on or near the project site.

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

The remoteness of the proposed dwelling site coupled with the environmental awareness of the Applicants and the design of the project precludes detrimental effects to air, water, or noise levels.

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

The proposed dwelling is compatible with the above criteria since there are no environmentally sensitive areas associated with the project and the physical character of the site has been previously disturbed by agricultural uses. Shoreline, valleys, or ridges will not be impacted by the project.

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

Due to topographical characteristics of the property, views of the dwelling site are not significant. The Applicants are committed to mitigating any views to the site from areas below. However, it should be noted that the project site is approximately 3 miles from the Hana Highway and at an elevation above sea level of 1,000 feet.

**(13) Requires substantial energy consumption;**

This dwelling is not large and will produce its own energy through a solar-voltaic system. Construction of the project will not require substantial energy consumption and will be site generated with no reliance on the public utility system.

**APPENDICES & Attachments**

**APPENDIX A; MAPS, PHOTOGRAPHS AND DRAWINGS**

**APPENDIX B; CULTURAL IMPACT ASSESSMENT**

**APPENDIX C; COMMENT LETTERS AND RESPONSES**

**ATTACHMENTS:**

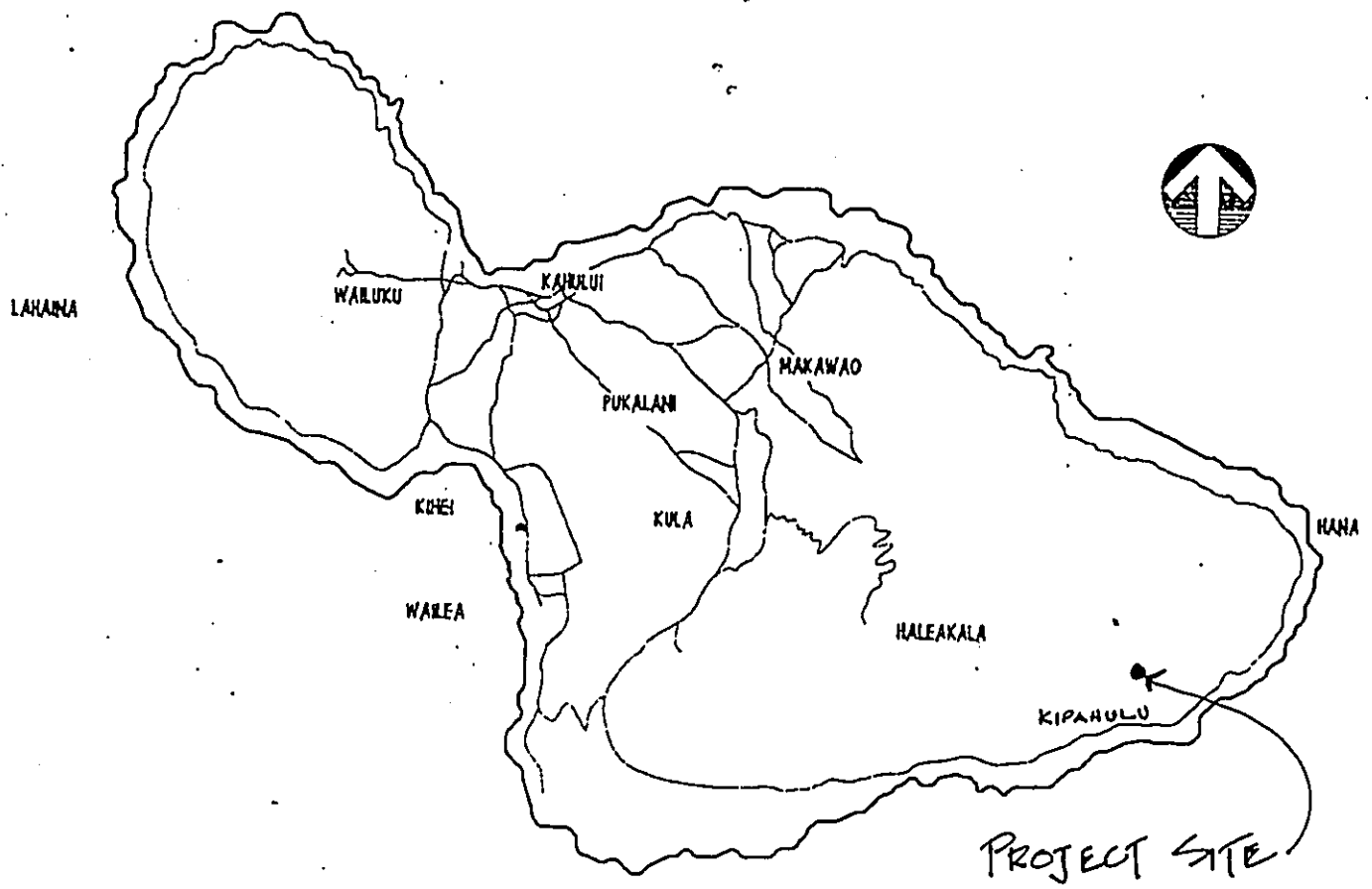
- 1) Composting Toilet Literature
- 2) Graywater System - Conceptual Design
- 3) Access Road Improvement Plan and Drainage and Erosion Control
- 4) Letters of Support From Community

**RECEIVED**

**01 AUG 31 12:04**

**DEPT. OF ENVIRONMENT/  
QUALITY CONTROL**

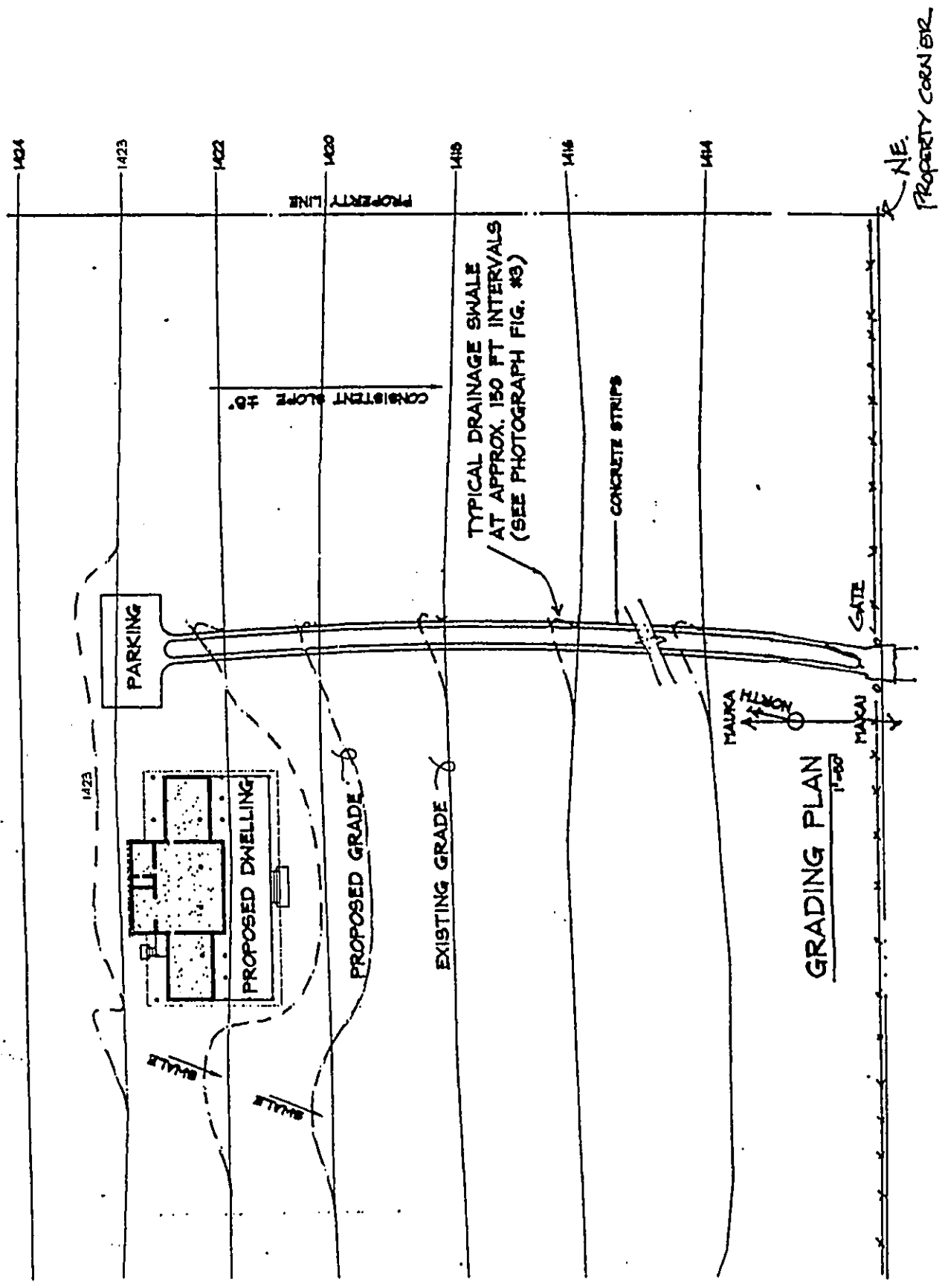
**APPENDIX A  
MAPS  
PHOTOGRAPHS  
DRAWINGS**



LOCATION MAP  
ISLAND OF MAUI





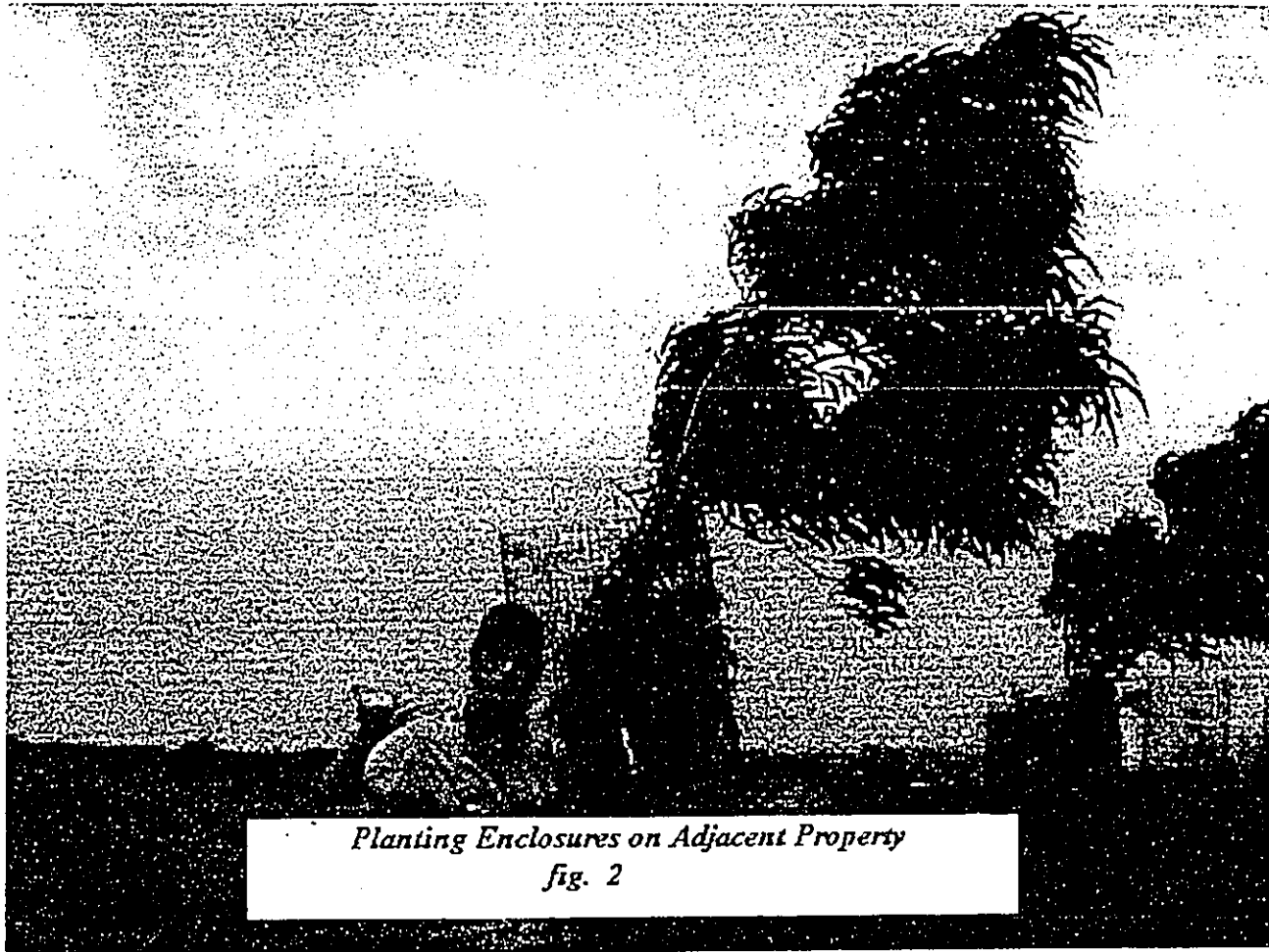


## Photographs

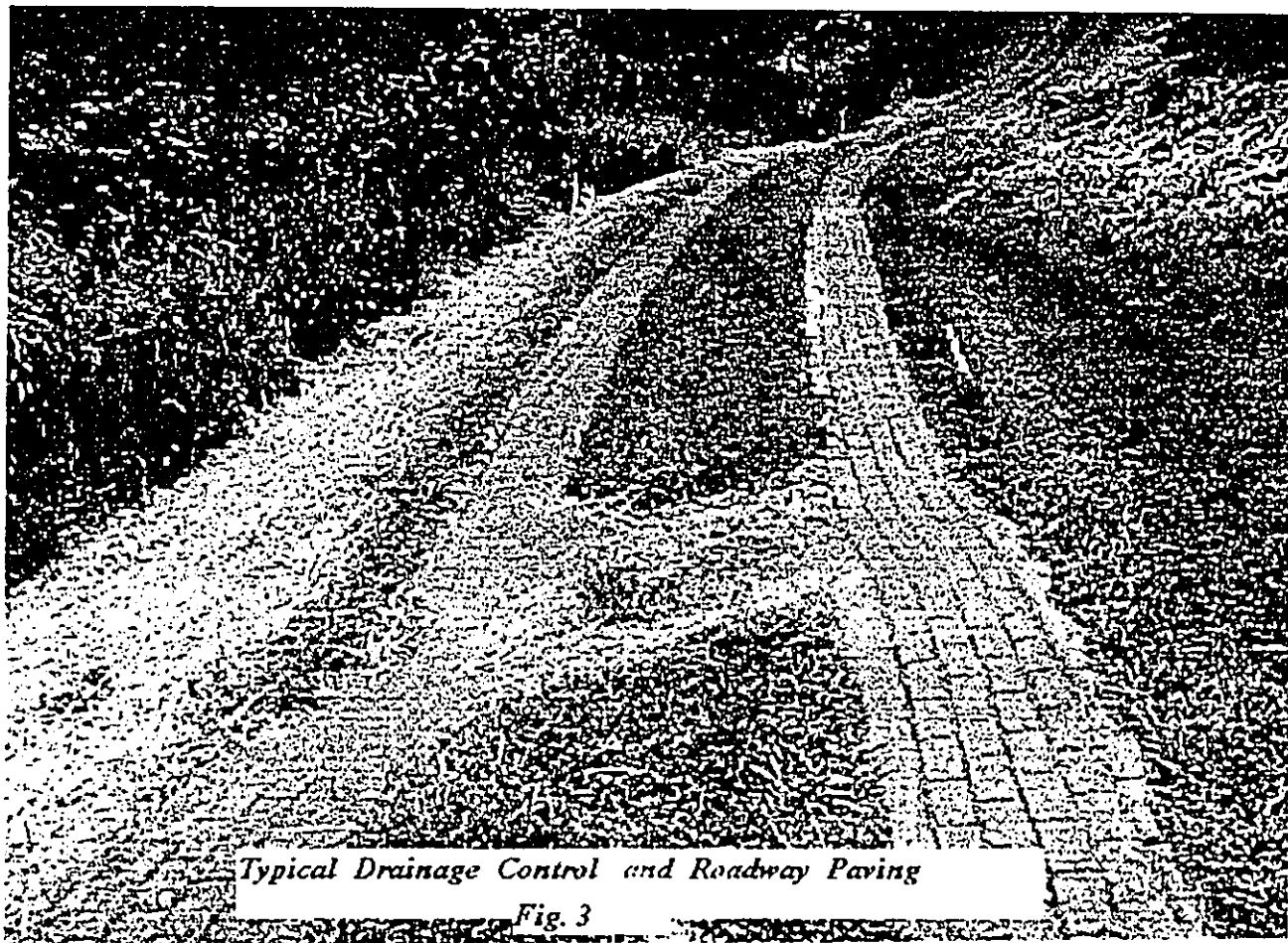


*Proposed Building Site*





*Planting Enclosures on Adjacent Property*  
*fig. 2*



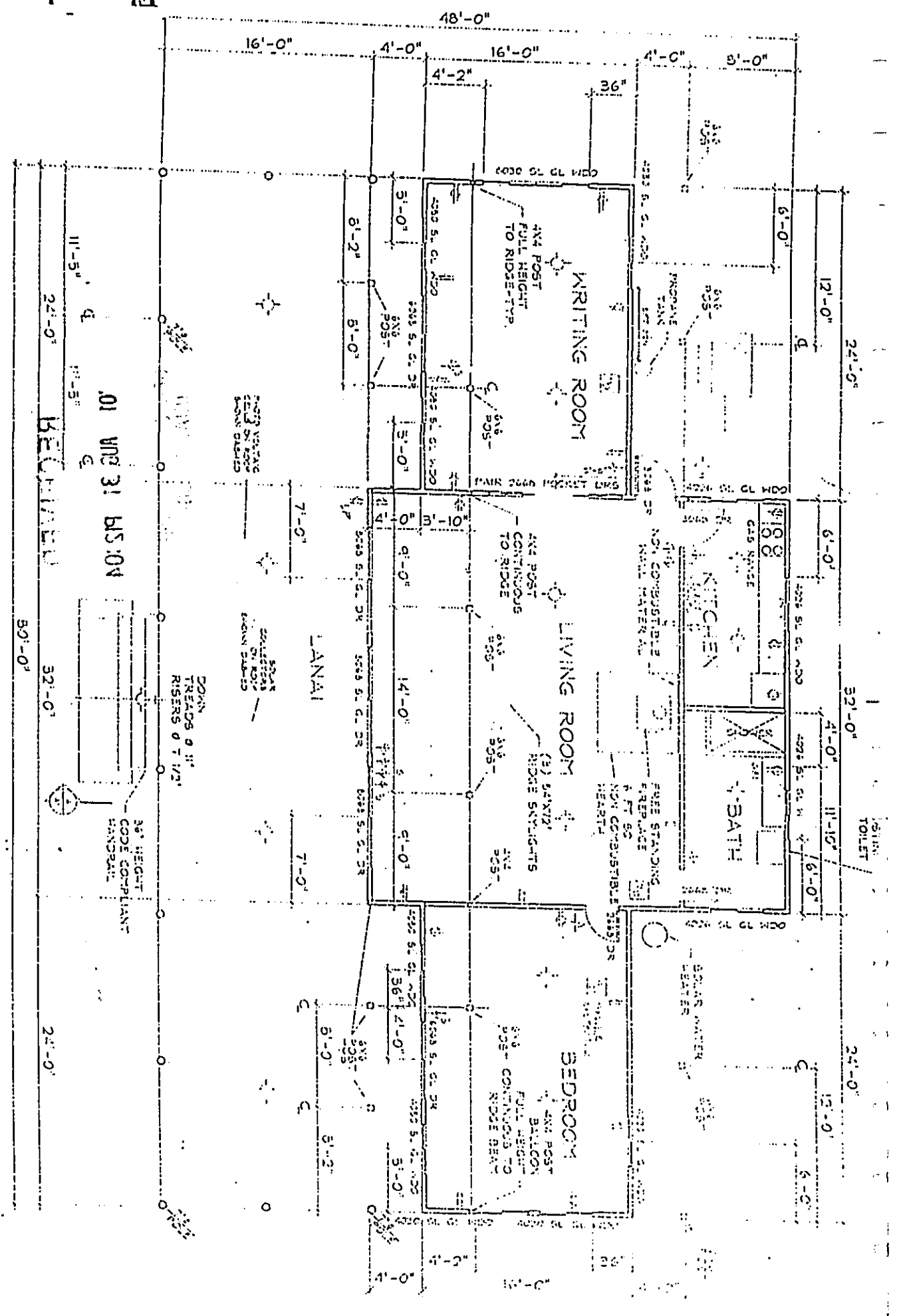
*Typical Drainage Control and Roadway Paving*  
*Fig. 3*

**RECEIVED**

**01 AUG 31 11:04**

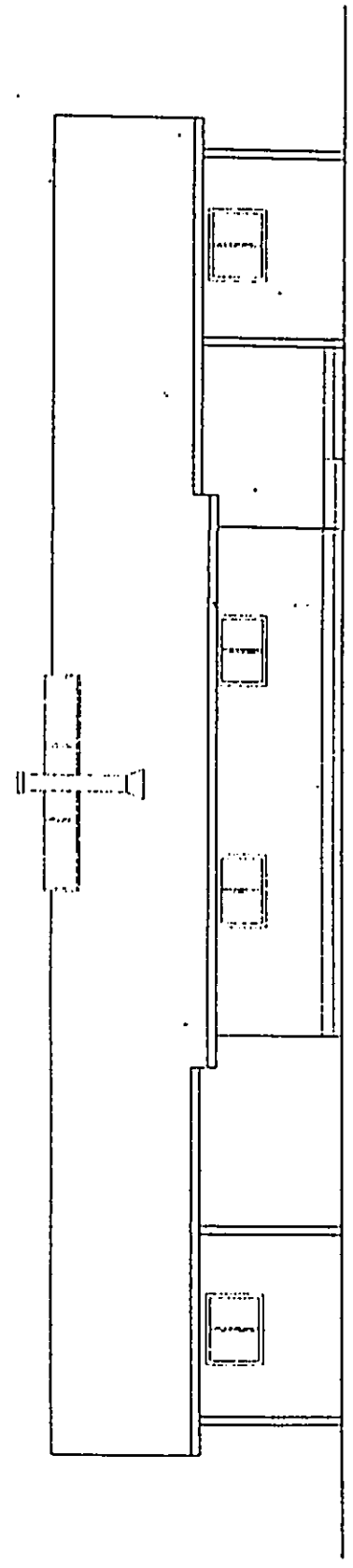
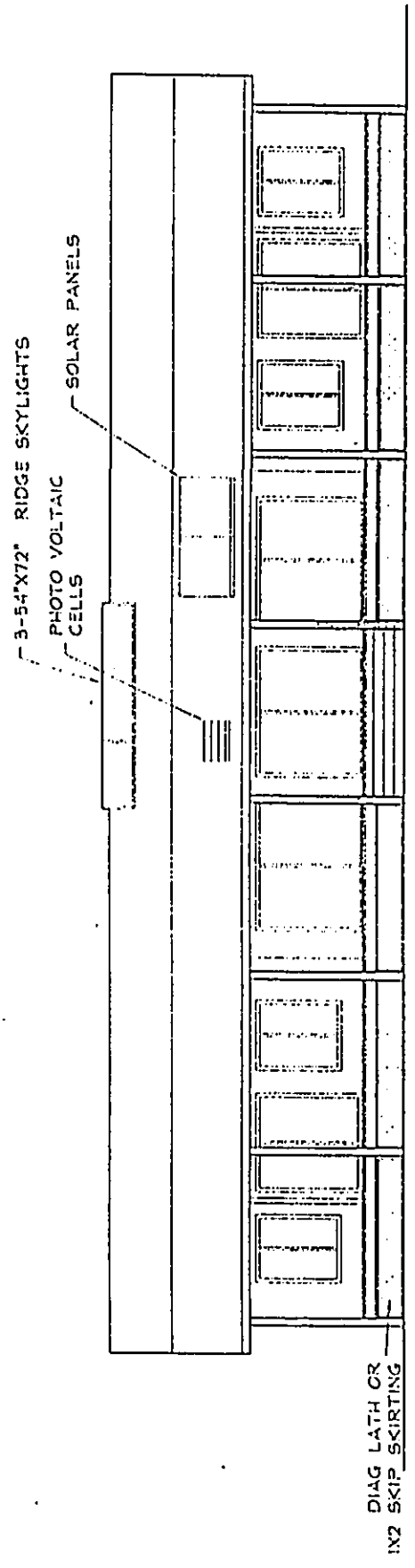
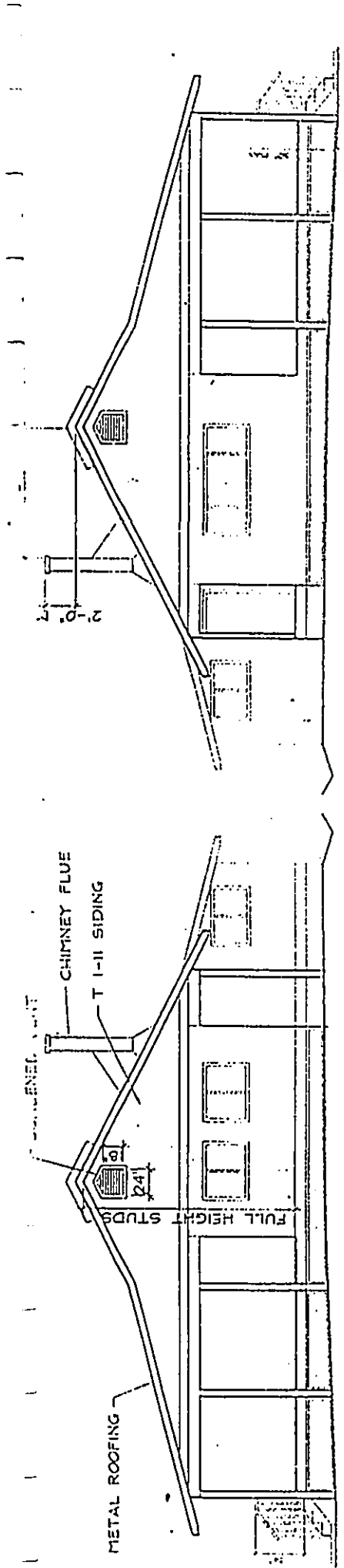
**OFFICE OF ENVIRONMENTAL  
QUALITY CONTROL**

**Drawings**



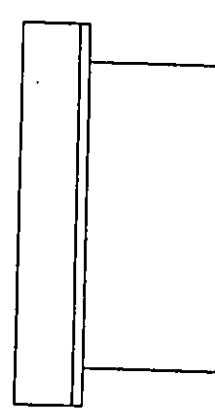
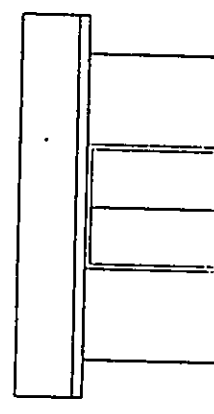
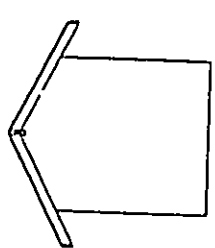
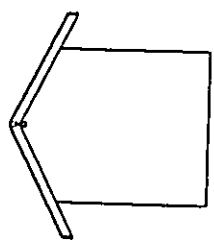
**FLOOR PLAN**

01 W02 31 B15:04  
 BECHMELD

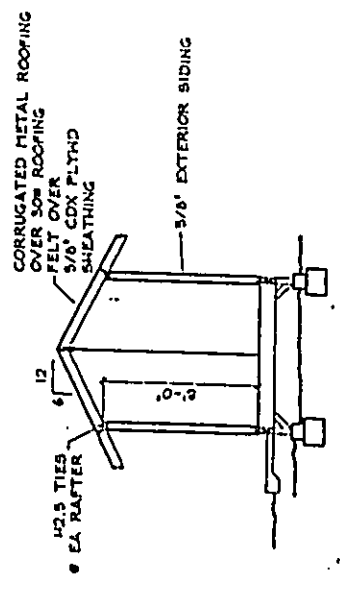


EXTERIOR ELEVATIONS

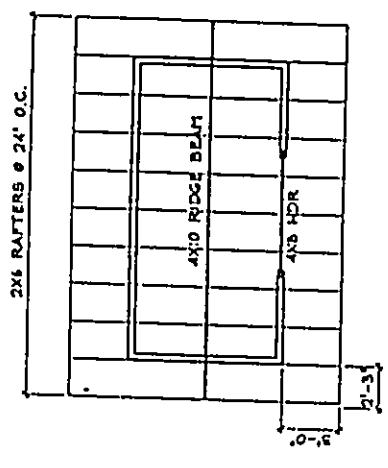
Elevations



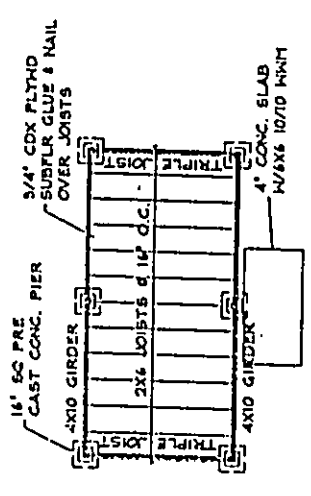
EXTERIOR ELEVATIONS  
1/4"=1'-0"



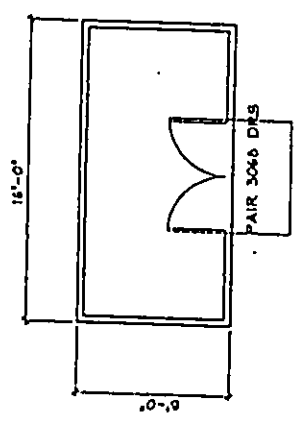
A-A SECTION  
1/4"=1'-0"



ROOF FRAMING PLAN  
1/4"=1'-0"



FOUNDATION PLAN  
1/4"=1'-0"



FLOOR PLAN  
1/4"=1'-0"

STORAGE SHED



**APPENDIX B**

**CULTURAL ASSESSMENT REPORT**

**MANAWA, INC.**

**Huang-Kinser  
Residence and Access Road**

**CULTURAL IMPACT ASSESSMENT**

**AUGUST 7, 2001**

**PREPARED BY**

**KAHU KAPIIOHOOKALANI LYONS NAONE**

**Manawa, Inc  
P.O. Box 814  
Wailuku, Maui, Hawaii 96793  
Phone (808) 871-7555**

**APPENDIX B**

## **Table of Contents**

<b>INTRODUCTION</b>	<b>1</b>
<b>LOCATION OF PROPOSED PROJECT</b>	<b>1</b>
<b>SUMMARY OF INTERVIEW RESULTS</b>	<b>2</b>
<b>INTERVIEW WITH JOHN AND TWEETIE LIND</b>	<b>2</b>
<b>INTERVIEW WITH ED LINCOLN</b>	<b>2</b>
<b>INTERVIEW WITH DINO BROWN</b>	<b>3</b>
<b>METHODS, INTERVIEWS AND RELATED BIOGRAPHICAL INFORMATION</b>	<b>3</b>
<b>CONSTRAINTS</b>	<b>3</b>
<b>CULTURAL RESOURCES, PRACTICES AND BELIEFS</b>	<b>3</b>
<b>CONFIDENTIAL</b>	<b>3</b>
<b>CONFLICTS</b>	<b>4</b>
<b>ANALYSIS/RECOMMENDATIONS</b>	<b>4</b>
<b>ATTACHMENTS</b>	
<b>OFFICE OF ENVIRONMENTAL QUALITY CONTROL</b>	<b>#1</b>
<b>OFFICE OF HAWAIIAN AFFAIRS</b>	<b>#2</b>
<b>PARTIAL SITE PLAN</b>	<b>#3</b>
<b>LOCATION MAP</b>	<b>#4</b>
<b>LOCATION MAP (T.M.K. AND SITE LOCATION)</b>	<b>#5</b>

# **MANAWA, INC.**

## **Huang-Kinser Residence and Access Road**

### **Introduction**

The author of this Cultural Impact Assessment Report is Kahu Kapiiohookalani Lyons Naone, a native Hawaiian who was born and raised in the Kipahulu and Hana area of Maui. Kahu is a traditional Hawaiian practitioner and has been teaching cultural traditions and language on Maui, on the mainland, and internationally for decades. He currently is one of the highest ranking chiefs in the Royal Order of Kamehameha and is one of the few who holds the highest rank in the traditional Hawaiian Warrior art of Lua. This author is familiar with cultural practices and features throughout the Hawaiian Islands. In addition, he has professional and cultural access to other people of similar stature who have personal knowledge of the general area of the Huang-Kinser Residence and Access Road project (Huang-Kinser Project).

The methods used to conduct this assessment include: a personal inspection which included walking and feeling the property for the proposed Huang-Kinser Project; interviewing native Hawaiian residents and cultural practitioners of the area; and, reviewing relevant maps and documents. In addition, Kahu Naone is a resident of and long time practitioner in Kipahulu and Maui and, thus, he has personal knowledge of the area and its use.

### **Location of Proposed Huang-Kinser Project**

The property is identified as the general Koukouai Gulch, TMK: 2-1-06-01:04, consisting of 140 acres bordered on the North and West by the National Park Service. The East (makai) is bordered by land owned in part by Mr. Charles Boerner and the Nature Conservancy, and bordered on the South by Hana Ranch. Portions of the Palikea Cone are within the property.

The specific project site is located on the upper ridge of the Northeast corner of the property. The project includes the building of a jeep trail, which is approximately 300 feet long (10 feet wide), and a residence structure, which is 1700 square feet and a shed.

### **Summary of Interview Results**

From a cultural practices and beliefs perspective, the proposed Huang-Kinser project site has been used as a trail for hunters and subsistence gatherers. Invasive plants such as Wai Wi (strawberry guava) and pig grass are abundant in the area. Native plants such as Naupaka Kuahiwi, Hapuu, Koa and Ohia Lehua were also noticed in the area.

No archaeological features were identified and none were recollected by the members of the Lind Ohana, Brown Ohana or Lincoln Ohana.

Indigenous plants such as Naupaka Kuahiwi, Ohia Lehua, Koa, and Hapuu are growing on the site. Mr. Kinser has begun eradicating non-indigenous invasive plants in an effort to encourage the growth of those native species which were long ago prevalent in the area.

### **Interview with John and Tweetie Lind**

Mr. and Mrs. John and Tweetie Lind, native Hawaiian residents of Kipahulu for over 20 years and representing the Lind Ohana, stated that traditional hunting and gathering of maile, hapuu, and pohole continues in the mauka portion of the proposed site. The trail to the gathering area runs along the general upper ridge area identified as the project site. They were also concerned that an archaeological study was not conducted and that procedures should be in place to properly report, record, and handle sites, artifacts, and human remains. Finally, they expressed concern that the view of the uplands would be impacted by the sight of a residence and that this would create a trend of increased building in the uplands.

### **Interview with Ed Lincoln**

Mr. Ed Lincoln, businessman and native Hawaiian resident of Kipahulu, stated that, because a full archaeological survey and Cultural Impact Assessment could not be conducted in the time allotted, this assessment should be limited to the 300 foot access road with a 50 foot buffer on each side and the 1700 square foot building, also with an adequate buffer zone. Mr. Lincoln believed any further activity on this property should require another Cultural Impact Assessment.

### **Interview with Dino Brown**

Mr. Dino Brown, native Hawaiian and resident of Kipahulu for over 30 years, stated that, as a child, he accompanied his grandfather, Teve Kalauahi, to Palikea Cone to hunt and gather pohole, maile, and hapuu. He stated that the trail they used followed the upper ridgeline that is part of the proposed Huang-Kinser project. Mr. Brown stated that he continues to do traditional gathering by using that trail and would like to continue to do so.

### **Methods, Interviews and Related Biographical Information**

Kahu Naone went to the land for the proposed Huang-Kinser Project and walked it to feel and observe the land and conduct a cultural survey. The observation and survey was limited to the proposed jeep trail and resident site. His tour of the property was consistent with the testimony of the Lind Ohana, Mr. Ed Lincoln, and Mr. Dino Brown.

### **Constraints**

There were no constraints. Due to Kahu Naone's own knowledge of the area, he feels that those contacted have given definitive testimony about the cultural beliefs and practices for the property.

### **Cultural Resources, Practices and Beliefs**

Based on Kahu Naone's time spent on the Huang-Kinser Project site and based on the collective comments and recollections of those interviewed, consideration should be made to continue allowing access for cultural gathering, to encouraging growth of native plant species, and to limiting views of the residence from lowlands. This impact assessment is for this particular area and not for the entire 140 acres.

### **Confidential Information**

No document is being presented separately from this report. All information was shared freely and willingly.

## Conflicts

There are no known conflicts or unresolved issues regarding this assessment.

## Analysis/Recommendations

1. This Cultural Impact Assessment be restricted to the immediate area of the project to include the following:
  - a. Approximately 300 foot jeep trail, 10 feet wide with a buffer zone of 50 feet on each side,
  - b. The 1700 square foot residence with a 200 foot buffer zone on all sides.
2. Access must be allowed, via the traditional trail along the upper northern ridge, for traditional cultural gathering.
3. The residence should be built in a manner that would minimize its view, if any, from the lowlands.
4. Archaeological monitoring is recommended during all ground-disturbing activities and a cultural specialist should be called to assist the developer should any skeletal remains or any artifacts be found.
5. The cultural specialist and/or developer should contact the State Historical Preservation Division of the Department of Land and Natural Resources for the State of Hawaii and the Maui Burial Council immediately if any remains or artifacts are found.
6. If remains or artifacts are found, such skeletal remains and/or artifacts should be temporarily stored and then re-interred at a ceremony near the time of project completion.
7. A place for re-interment should be designated, although it appears that such a need is highly unlikely.
8. A cultural specialist should perform an appropriate Hawaiian cultural blessing ceremony of the area once the project is completed.

FROM : MAUI ARCHITECTURAL GROUP, INC. FAX NO. : 808 242 1776

Jul. 31 2001 04:51PM P2

BENJAMIN J. CAYETANO  
GOVERNOR



STATE OF HAWAII  
OFFICE OF ENVIRONMENTAL QUALITY CONTROL  
239 SOUTH SOMETANIA STREET  
SUITE 702  
HONOLULU, HAWAII 96813  
TELEPHONE (808) 868-4188  
FACSIMILE (808) 868-4188

RECEIVED  
LAND DIVISION

2001 JUL -3 P 2:57

GENEVIEVE SALMONSON  
DIRECTOR

DEPT. OF LAND & NATURAL RESOURCES  
STATE OF HAWAII

June 28, 2001

Harry Yada, Acting Administrator  
Department of Land and Natural Resources  
P.O. Box 621  
Honolulu, Hawaii 96809

Attention: Masa Alkire

Dear Mr. Yada:

Subject: Draft Environmental Assessment (EA) for Huang-Kinser Residence and Access Road, Kipahulu

All information required to make the final EA complete should be included in a single document. The submitted CDUA application/draft EA involves a single family home while the supplementary document discusses a tree planting project. Is this EA for tree planting activities or the construction of a single family home? The description of the primary focus of the EA needs more detail. The following needs to be included in the final EA:

**Maps:** Enclose a map of the island indicating the project location. On a map of the project site, indicate exactly where the residence will be located. Also indicate the location of any facilities or landmarks, such as public roadways, hills, the ocean, water tanks, flumes or pipelines.

**Sensitive areas:** In the locale where the proposed activity will take place, are there any sensitive areas, such as wetlands, floodplains, habitats for threatened or endangered species of plants or animals, historic sites, or archeological resources? Will any viewplanes, especially mauka-makai viewplanes, be affected?

**Cultural impacts assessment:**

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

For assistance in the preparation refer to our *Guidelines for Assessing Cultural Impacts*. Contact our office for a paper copy or go to our homepage at <http://www.state.hi.us/health/oepq/index.html>. You will also find the text of Act 50 linked to this section of our homepage.

ATTACHMENT #1



Harry Yada  
June 28, 2001  
Page 2

Contacts: List state and county agencies contacted and include copies of any correspondence with them including contacts made during the pre-consultation phase.

A. Community consultation is required by law. The enclosed letters of support from neighbors deal with tree planting. Have you notified the nearest neighbors about the proposed house construction or just the tree planting project?

B. Documentation from the Historic Preservation Division of DLNR showing that consultation is completed or underway is required.

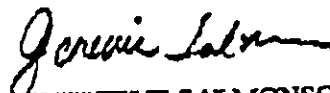
Permits and approvals: List all required permits and approvals for this project and give the status of each.

Significance criteria: Include a discussion of findings and reasons, according to the significance criteria listed in HAR 11-200-12, that supports your forthcoming determination, either Finding of No Significant Impact (FONSI) or EIS preparation notice. You may use the enclosed sample as a guideline.

Two-sided pages: In order to reduce bulk and save on paper, please consider printing on both sides of the pages in the final document.

If you have any questions, call Nancy Heinrich at 586-4185.

Sincerely,

  
GENEVIEVE SALMONSON  
Director

Enc.

c: Richard Neiss

FROM : MAUI ARCHITECTURAL GROUP, INC. FAX NO. : 808 242 1776

Jul. 31 2001 04:51PM P4

PHONE (808) 594-1888

FAX (808) 594-1885

RECEIVED  
LAND DIVISION



2001 JUL 19 P 1:5 STATE OF HAWAII  
OFFICE OF HAWAIIAN AFFAIRS  
711 KAPI'OLANI BOULEVARD, SUITE 500  
HONOLULU, HAWAII 96813

July 16, 2001

Mr. Harry Yada, Acting Administrator  
Land Division  
Department of Land and Natural Resources  
P.O. Box 621  
Honolulu, HI 96809

Subject: Conservation District Use Application (CDUA)  
Residence and Access Road  
TMK: 2-1-06-01:04  
Kipahulu, Maui, Hawaii

Dear Mr. Yada:

Thank you for the opportunity to comment on the above referenced project. The Office of Hawaiian Affairs offers the following comment.

*Traditional and Customary Rights*

OHA recommends the proposed project will not obstruct access or otherwise hinder gathering, ceremonial or other traditional activities at the proposed project area. The rights of Native Hawaiians, pursuant to Article XIII, Section 7, of the Hawaii State Constitution shall not be abridged.

If you have any questions, please contact Mark A. Mararagan, policy analyst at 594-1756, or e-mail him at markm@oha.org.

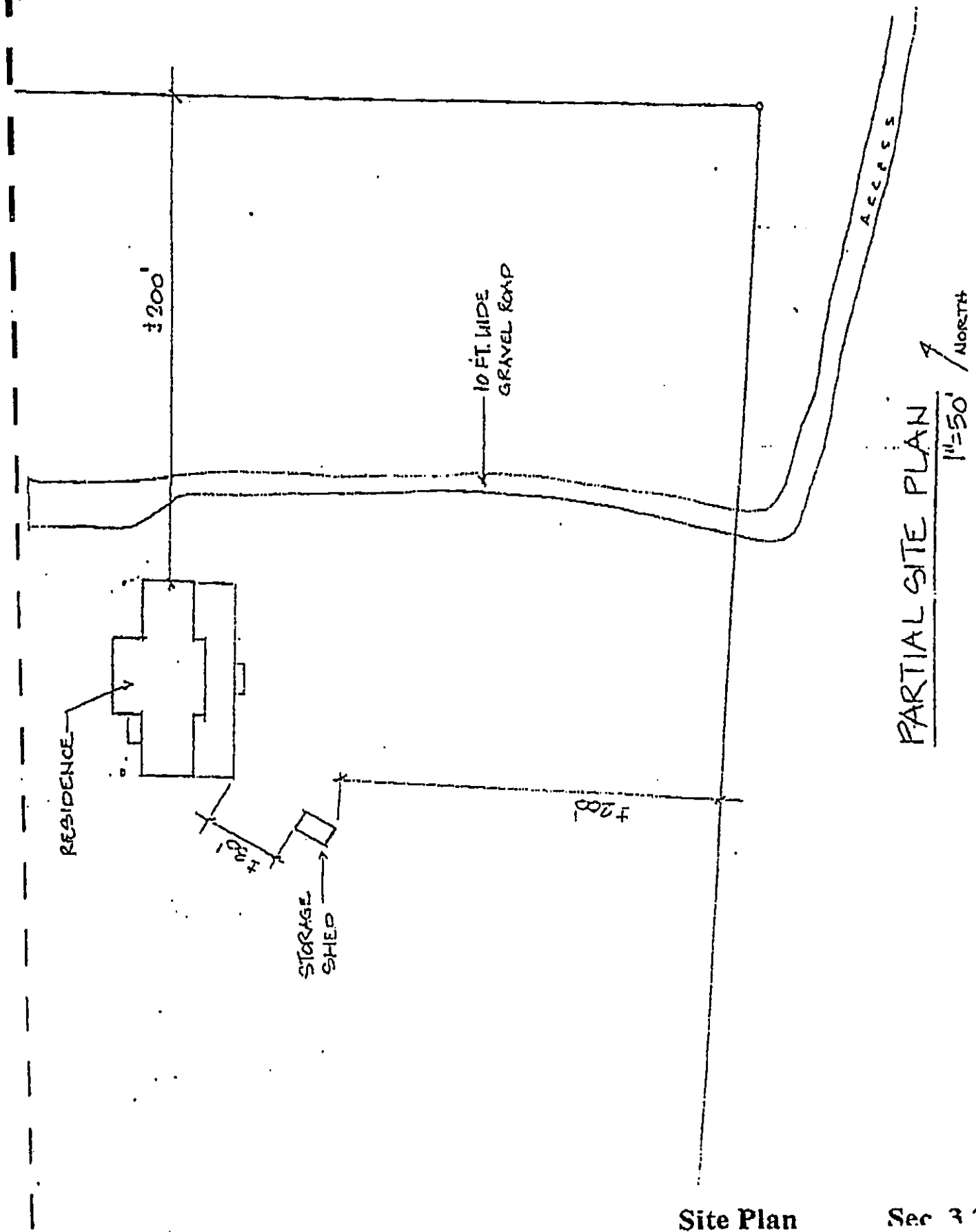
Sincerely,

A handwritten signature in black ink that reads "Colin C. Kippen, Jr.".

Colin C. Kippen, Jr.  
Deputy Administrator

cc: Board of Trustees  
Maui CRC

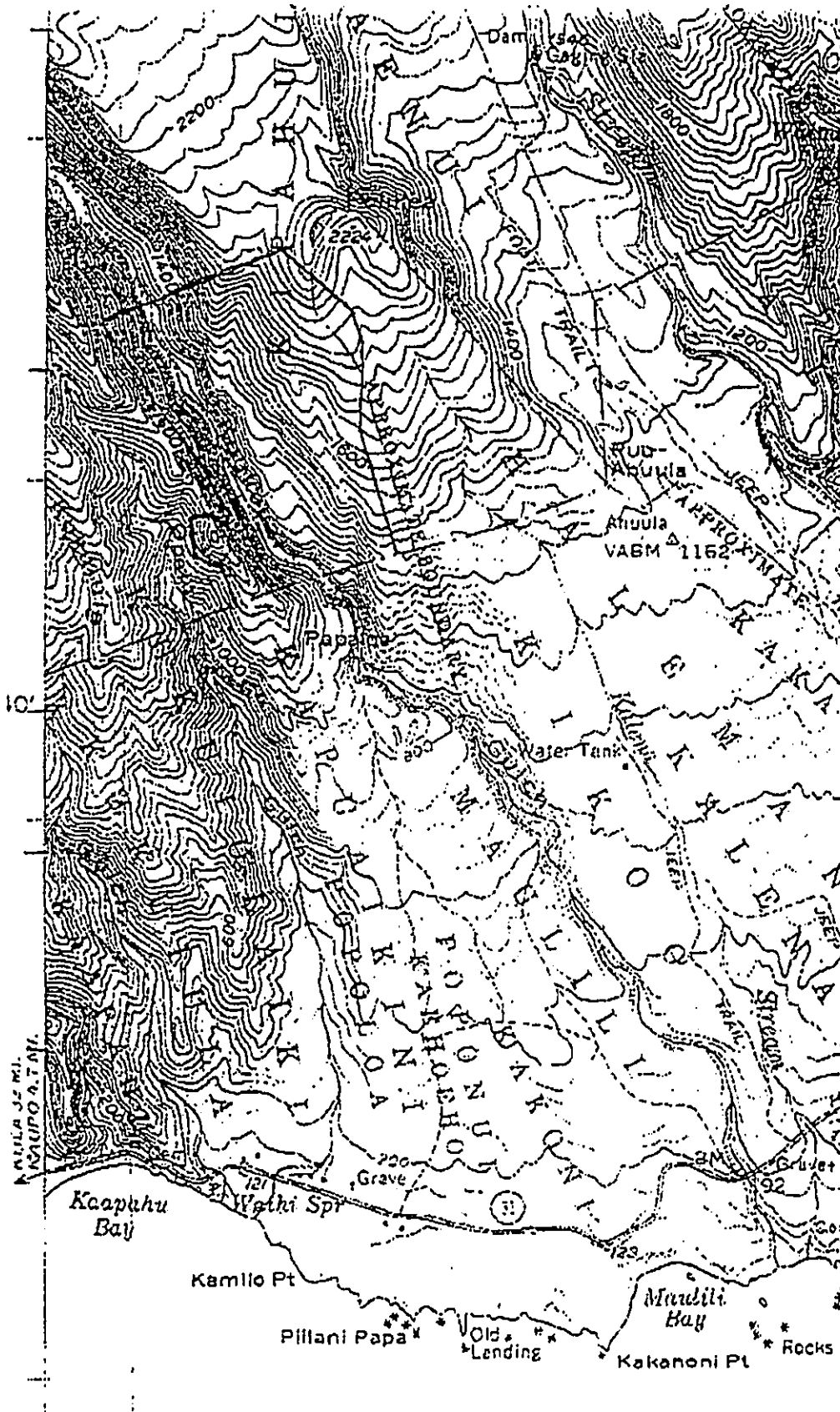
ATTACHMENT #2



Site Plan Sec 323

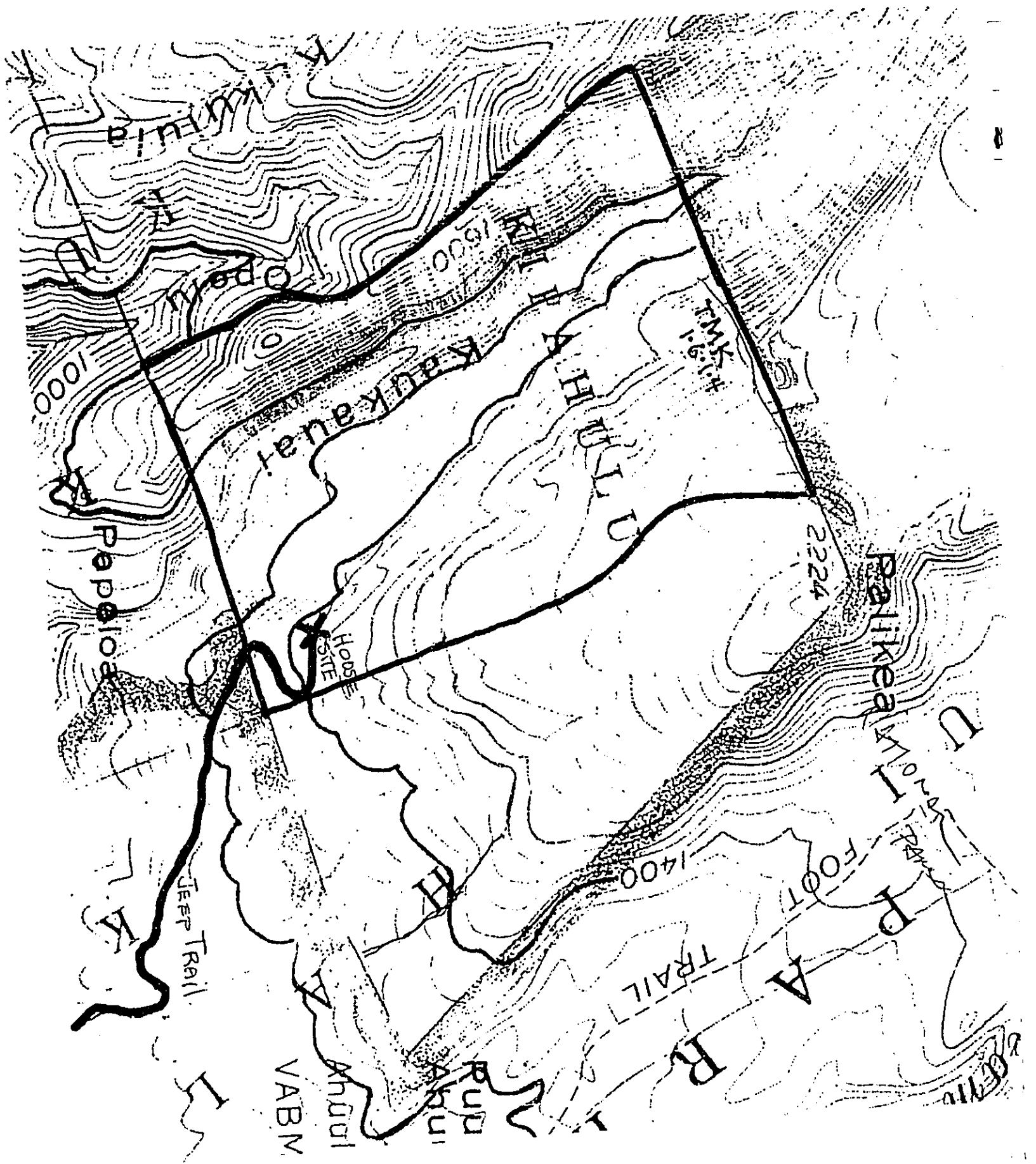
ATTACHMENT #

LOCATION MAP



Sec 3.22

ATTACHMENT #4



LOCATION MAP

ATTACHMENT # 5

**APPENDIX C**

**COMMENT LETTERS AND RESPONSES**

BENJAMIN J. CAYetano  
GOVERNOR OF HAWAII



GILBERT S. COLOMA-AGARAN, CHAIRPERSON  
BOARD OF LAND AND NATURAL RESOURCES  
COMMISSION ON WATER RESOURCE MANAGEMENT

DEPUTIES  
JANET E. KAWALO  
LIMNEL HIKIOKA

RECEIVED  
LAND DIVISION

STATE OF HAWAII

2001 AUG 21 A 10:57 AM  
DEPARTMENT OF LAND AND NATURAL RESOURCES

HISTORIC PRESERVATION DIVISION  
Kakuhihewa Building, Room 556  
601 Kamokila Boulevard  
Kapolei, Hawaii 96707

DEPT. OF LAND &  
NATURAL RESOURCES  
STATE OF HAWAII


AQUATIC RESOURCES  
BOATING AND OCEAN RECREATION  
COMMISSION ON WATER RESOURCE  
MANAGEMENT  
CONSERVATION AND RESOURCES  
ENFORCEMENT  
CONVEYANCES  
FORESTRY AND WILDLIFE  
HISTORIC PRESERVATION  
LAND  
STATE PARKS

August 3, 2001

LOG NO: 27926 ✓  
DOC NO: 0107CD41

MEMORANDUM

TO: Harry Yada, Acting Administrator  
Land Division

FROM: Don Hibbard, Administrator  
State Historic Preservation 

SUBJECT: Chapter 6E-42 Historic Preservation Review Pertaining to the Application  
for Conservation District Use Permit for the Proposed Construction of a  
1725 Square Foot Dwelling and Access Road  
Alaenui Ahupua`a, Hana (Kipahulu) District, Island of Maui  
TMK: 1-6-01:004

Thank you for the opportunity to comment on the Application for a Conservation District Use Permit (CDUA) for the proposed construction of a 1725 square foot dwelling and access road. Our review is based on reports, maps, and aerial photographs maintained at the State Historic Preservation Division; no field inspection was conducted of the subject parcel.

Based on the submitted CDUA, we understand the proposed undertaking consists of constructing the dwelling and access road on a 128-acre property. We also understand from the submitted CDUA, the proposed undertaking will involve minimal grading and no major utility installations. The CDUA states currently that there are no structures on the subject property, the subject property was previously in commercial sugar cane, and the subject property is currently covered in secondary growth (strawberry guava, uluhe fern).

A search of our records indicates an archaeological inventory survey has not been conducted of the subject property. The REDI Realty Tax Map Key indicates the subject property and the surrounding properties were issued as LCAs during the Mahele of the 1850s, which suggests the general area once was the location of pre-Contact farming, perhaps with scattered houses. Aerial photographs taken in the 1950s, indicate the subject property has undergone previous alteration probably as a result of commercial sugar cane cultivation and that the subject property is bounded on the west and southwest by a large gulch. The gulch may contain significant historic sites including, agriculture, habitation, petroglyphs, and burials.

Harry Yada, Acting Administrator  
Page 2

However, given the extent of the previous alterations to the landscape, we believe it is unlikely that historic sites remain. We believe that the proposed undertaking will have "no effect" on historic sites, provided the following condition is attached to the subject CDUA, should it be approved:

No land alterations may occur within the gulch itself or within 20 feet of the gulch. This is to ensure that if significant historic sites are present within the gulch they will not be impacted by the proposed undertaking. During construction activities, a buffer zone will be established twenty feet in from the edge of the gulch. This buffer zone will be delineated by construction fencing to be erected prior to the commencement of any ground-altering activities. The placement of the construction fencing is to be verified in writing by a professional archaeologist to the SHPD Maui/Lana'i Islands Archaeologist prior to the commencement of any ground-altering activities.

OR ARCHITECT

Should future development or subdivision be planned for the subject property, we request the opportunity to review the plans prior to the commencement of any ground-altering activities.

Please call Cathleen Dagher, at 692-8023, if you have any questions.

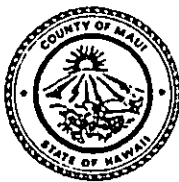
CD:jen



JAMES "KIMO" APANA  
Mayor

JOHN E. MIN  
Director

CLAYTON I. YOSHIDA  
Deputy Director



COUNTY OF MAUI  
**DEPARTMENT OF PLANNING**

August 7, 2001

Mr. Harry Yada  
Acting Administrator  
Department of Land and Natural Resources  
Land Division  
P. O. Box 621  
Honolulu, Hawaii 96809

Dear Mr. Yada:

RE: Comments on the Conservation District Use Application (CDUA MA-3031B) of Alfred Huang and Richard Kinser, TMK 1-6-001:004, Kipahulu, Maui, Hawaii, (CDUA MA-3031B)

The Maui Planning Department (Department) has reviewed the above-referenced Conservation District Use Permit Application and has no comments to offer. The Department, on April 24, 2001, issued a Special Management Area Use Permit Exemption (SM5 2001/0136) for the single-family residence.

Thank you for the opportunity to comment. If further clarification is required, please contact Ms. Ann T. Cua, Staff Planner, of this office at 270-7735.

Very truly yours,

A handwritten signature in black ink, appearing to read "John E. Min", is written over a horizontal line.

JOHN E. MIN  
Planning Director

JEM:ATC:smb

c: Clayton Yoshida, AICP, Deputy Planning Director  
~~James Niess, Maui Architectural Group~~  
Ann T. Cua, Staff Planner  
Project File  
General File  
(s:\all\ann\HuangCDUA.)

250 SOUTH HIGH STREET, WAILUKU, MAUI, HAWAII 96793  
PLANNING DIVISION (808) 270-7735; ZONING DIVISION (808) 270-7253; FACSIMILE (808) 270-7634

*Quality Seamless Service - Now and for the Future*

PB:MA



STATE OF HAWAII  
DEPARTMENT OF LAND AND NATURAL RESOURCES

LAND DIVISION  
P.O. BOX 621  
HONOLULU, HAWAII 96809

JUL 26 2001

RECEIVED

JUL 30 2001

AQUACULTURE DEVELOPMENT  
PROGRAM  
AQUATIC RESOURCES  
BOATING AND OCEAN RECREATION  
CONSERVATION AND  
RESOURCES ENFORCEMENT  
CONVEYANCES  
FORESTRY AND WILDLIFE  
HISTORIC PRESERVATION  
LAND DIVISION  
STATE PARKS  
WATER RESOURCE MANAGEMENT

CDUA No: MA-3031B  
Acceptance Date: 6-17-2001  
Expiry Date: 12-14-2001

Richard Niess  
Maui Architectural Group  
2331 W. Main St.  
Wailuku, Maui, HI 96793

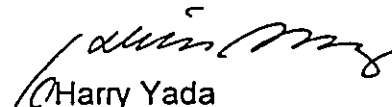
**Subject: Final Environmental Assessment for CDUA MA-3031B Single  
Family Dwelling and Access Driveway at Kipahulu, Maui.  
[TMK 2-1-6-01:004]**

Dear Mr. Niess:

This letter is regarding the processing of CDUA application MA-3031B. The public and agency comment period on your application has closed. Attached to this letter are copies of the comments received by the Land Division regarding your CDUA. The final copy of your Environmental Assessment (EA) needs to include your responses to the queries raised in these letters. These responses can be attached to the end of the final EA document. Please send 6 (six) copies of the final EA to the Land Division.

After the Land Division receives the final version of your Environmental Assessment with all the necessary amendments your CDUA will be placed on the agenda of the Board of Land and Natural Resources for their consideration. It would be appreciated if you submit your final EA by September 1, 2001. Early submittal of your EA document will expedite the review process. Should you have any questions, please contact Masa Alkire of our Planning Branch at 587-0385.

Aloha,

  
Harry Yada  
Acting Administrator

Cc: Maui Board Member

RECEIVED  
LAND DIVISION



2001 JUL 23 A 8:58

STATE OF HAWAII

DEPARTMENT OF LAND AND NATURAL RESOURCES  
LAND DIVISION

54 South High Street, Room 101  
Wailuku, Hawaii 96793-2198

AQUACULTURE DEVELOPMENT  
PROGRAM  
AQUATIC RESOURCES  
BOATING AND OCEAN RECREATION  
CONSERVATION AND  
RESOURCES ENFORCEMENT  
CONVEYANCES  
FORESTRY AND WILDLIFE  
HISTORIC PRESERVATION  
LAND DIVISION  
STATE PARKS  
WATER RESOURCE MANAGEMENT

MEMORANDUM

DATE: July 19, 2001  
TO: Mr. Harry Yada  
Acting Land Division Administrator  
ATTN: Mr. Masa Alkire  
DLNR Conservation Planner  
FROM: Louis Wada *L Wada*  
Land Agent  
SUBJECT: Request for Comments, CDUA File No. MA-3031B  
TMK: (2) 1-6-001: 004, Kipahulu, Hana, Maui

The Maui District Land Office has reviewed the subject application and has the following comments to offer:

1. Should any portion(s) of the of the 50 feet wide access easement traverse(s) State lands, applicants will be required to purchase said easement portion(s) from the State of Hawaii. Said purchase may require an environmental assessment (EA) pursuant to Section 11-200-6 of the Hawaii Administrative Rules.
2. Prior to applying for State easement(s), applicants must obtain the necessary easements over private lands and provide proper documentations to the State of Hawaii.

Please call me at 984-8105 should you have any questions. Thank you for affording us the opportunity to comment.

PHONE (808) 594-1888

FAX (808) 594-1865

RECEIVED  
LAND DIVISION



2001 JUL 19 P 1:5  
STATE OF HAWAII  
OFFICE OF HAWAIIAN AFFAIRS  
711 KAPI'OLANI BOULEVARD, SUITE 500  
HONOLULU, HAWAII 96813

July 16, 2001

Mr. Harry Yada, Acting Administrator  
Land Division  
Department of Land and Natural Resources  
P.O. Box 621  
Honolulu, HI 96809

Subject: Conservation District Use Application (CDUA)  
Residence and Access Road  
TMK: 2-1-06-01:04  
Kipahulu, Maui, Hawaii

Dear Mr. Yada:

Thank you for the opportunity to comment on the above referenced project. The Office of Hawaiian Affairs offers the following comment.

*Traditional and Customary Rights*

OHA recommends the proposed project will not obstruct access or otherwise hinder gathering, ceremonial or other traditional activities at the proposed project area. The rights of Native Hawaiians, pursuant to **Article XIII, Section 7**, of the Hawaii State Constitution shall not be abridged.

If you have any questions, please contact Mark A. Mararagan, policy analyst at 594-1756, or e-mail him at [markm@oha.org](mailto:markm@oha.org).

Sincerely,

A handwritten signature in black ink that reads "Colin C. Kippen, Jr.".

Colin C. Kippen, Jr  
Deputy Administrator

cc: Board of Trustees  
Maui CRC

BENJAMIN J. CAYETANO  
GOVERNOR



STATE OF HAWAII  
OFFICE OF ENVIRONMENTAL QUALITY CONTROL  
235 SOUTH BERETANIA STREET  
SUITE 702  
HONOLULU, HAWAII 96813  
TELEPHONE (808) 686-4186  
FACSIMILE (808) 686-4188

RECEIVED  
LAND DIVISION

2001 JUL -3 P 2:57  
GENEVIEVE SALMONSON  
DIRECTOR

DEPT. OF LAND & NATURAL RESOURCES  
HAWAII

June 28, 2001

Harry Yada, Acting Administrator  
Department of Land and Natural Resources  
P.O. Box 621  
Honolulu, Hawaii 96809

Attention: Masa Alkire

Dear Mr. Yada:

Subject: Draft Environmental Assessment (EA) for Huang-Kinser Residence and Access Road, Kipahulu

All information required to make the final EA complete should be included in a single document. The submitted CDUA application/draft EA involves a single family home while the supplementary document discusses a tree planting project. Is this EA for tree planting activities or the construction of a single family home? The description of the primary focus of the EA needs more detail. The following needs to be included in the final EA:

Maps: Enclose a map of the island indicating the project location. On a map of the project site, indicate exactly where the residence will be located. Also indicate the location of any facilities or landmarks, such as public roadways, hills, the ocean, water tanks, flumes or pipelines.

Sensitive areas: In the locale where the proposed activity will take place, are there any sensitive areas, such as wetlands, floodplains, habitats for threatened or endangered species of plants or animals, historic sites, or archeological resources? Will any viewplanes, especially mauka-makai viewplanes, be affected?

Cultural impacts assessment:

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

For assistance in the preparation refer to our *Guidelines for Assessing Cultural Impacts*. Contact our office for a paper copy or go to our homepage at <http://www.state.hi.us/health/oeqc/index.html>. You will also find the text of Act 50 linked to this section of our homepage.

Harry Yada  
June 28, 2001  
Page 2

Contacts: List state and county agencies contacted and include copies of any correspondence with them including contacts made during the pre-consultation phase.

A. Community consultation is required by law. The enclosed letters of support from neighbors deal with tree planting. Have you notified the nearest neighbors about the proposed house construction or just the tree planting project?

B. Documentation from the Historic Preservation Division of DLNR showing that consultation is completed or underway is required.

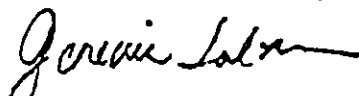
Permits and approvals: List all required permits and approvals for this project and give the status of each.

Significance criteria: Include a discussion of findings and reasons, according to the significance criteria listed in HAR 11-200-12, that supports your forthcoming determination, either Finding of No Significant Impact (FONSI) or EIS preparation notice. You may use the enclosed sample as a guideline.

Two-sided pages: In order to reduce bulk and save on paper, please consider printing on both sides of the pages in the final document.

If you have any questions, call Nancy Heinrich at 586-4185.

Sincerely,

  
GENEVIEVE SALMONSON  
Director

Enc.

c: Richard Neiss

GA

RECEIVED

RECEIVED  
LAND DIVISION **JOHN BLUMER-BUELL**

S.R. 111, HANA, MAUI, HAWAII 96713

2001 MAY 17

PHONE AND FAX 808-248-8972  
EMAIL blubu@aloha.net

MAY 16 A 8:35

May 14, 2001

DEPT. OF LAND  
& NATURAL RESOURCES  
STATE OF HAWAII

DEPT. OF LAND  
& NATURAL RESOURCES  
STATE OF HAWAII

State of Hawaii Board of Land and Natural Resources  
Mr. Gilbert S. Coloma-Agaran, Chair  
P.O. Box 621  
Honolulu, Hawaii 96809

RE: CONSERVATION DISTRICT USE APPLICATION(CDUA) FOR TMK 1-6-01:04,  
KIPAHULU, MAUI.

Aloha Chair Coloma-Agaran and Board Members,

I am writing in support of a CDUA permit for Mr. Richard Kinser and Mr. Alfred Huang. My support is based upon first hand knowledge of Mr. Kinser's land use and management practices over the past two decades. His knowledge and sincerity in taking care of our precious natural resources is a good example of "aloha aina" and "malama aina". I suggest you question him on his methods and long term plans for improving the important, world renown, Kipahulu District.

I do not give this endorsement lightly or as a personal favor. There are some very, very destructive land use practices going on in the Hana District that are in stark contrast to the methods used by Mr. Kinser. If I thought this was a unreasonable request, I would say so.

I have some concerns that I hope will be addressed as part of the conditions of the CDUA permit:

- 1) VIEW PLANES. It is important in considering possible building sites that the view planes from the lower elevations are protected from any visual blight. I suggest a condition that would protect the mauka view planes.
- 2) REFORESTATION. Mr. Kinser is planning a reforestation project. I think it is good State Land Board policy to hold applicants to their words as conditions of any CDUA permit. Mr. Kinser should submit a conceptual plan. The condition should not be overly restrictive and should take into account that parts of the property are currently overgrown with strawberry guava and other invasive species. As the land is cleared, the terrain will strongly suggest its future use.
- 3) LAND USE. I suggest you require Mr. Kinser to document his land use practices and methods. This is not meant to unreasonably encumber Mr. Kinser. I think Mr. Kinser will document some exemplary land use practices that can be used as examples for future CDUA permits. If he makes some mistakes or discovers some new methods, we will have the future advantage of that information.

Thanks for your consideration.

Sincerely yours,

*John Blumer-Buell*

**maui architectural group, inc.**

2331 W. Main Street, Wailuku, Hawaii 96793 • Phone (808) 244-9011 • Fax (808) 242-1776  
email: [jim@mauiarch.com](mailto:jim@mauiarch.com)  
web page: [mauiarch.com](http://mauiarch.com)

---

**FACSIMILE TRANSMITTAL SHEET**

---

TO: Masa Alkire	FROM: Jim Niess
COMPANY: Land Division, DLNR	DATE: 8/29/01
FAX NUMBER: 587-0455	TOTAL NO. OF PAGES INCLUDING COVER: 2
PHONE NUMBER: 587-0385	SENDER'S REFERENCE NUMBER:
RE: CDUA MA 3031B	

---

URGENT     FOR REVIEW    PLEASE COMMENT    PLEASE REPLY    FOR YOUR INFORMATION

---

NOTES/COMMENTS:

Masa,

Thank you for forwarding the SHPD comments. Although their response appears to have been received after the closure of the comment period, my clients feel that the request is reasonable and are willing to accept the construction fence as a condition for approval. However, they request the condition be modified to say that either a professional archaeologist or architect be allowed to certify that the fence is in-place.

The reason for this request is that the site is remote and obtaining the services of an archaeologist for such a minor requirement in a timely manner may prove quite difficult. Since there are no substantive archaeological issues involved it seemed logical that this certification could be managed by the project's architect without compromising the intent of the condition.

See attached requested modification.

Thank you,

---





COUNTY OF MAUI  
DEPARTMENT OF PLANNING

ZONING AND FLOOD CONFIRMATION REQUEST FORM

APPLICANT: JAMES NIESS PHONE NO.: 244-9011

ADDRESS: 2331 W. MAIN ST WAILUKU 96793

PROJECT NAME: HUANG RESIDENCE

ADDRESS AND/OR LOCATION: SR 167A HANA KIPAHULU DISTRICT

TMK NUMBER(S): (H) 1-06-01:04

ZONING INFORMATION

STATE LAND USE CONSERVATION COMMUNITY PLAN CONSERVATION

COUNTY ZONING N/A

FLOOD INFORMATION

FLOOD HAZARD AREA \* ZONE C

BASE FLOOD ELEVATION N/A mean sea level, 1929 National Geodetic Vertical Datum or for Flood Zone A0, FLOOD DEPTH N/A feet.

FLOODWAY  Yes or  No

FLOOD DEVELOPMENT PERMIT IS REQUIRED  Yes or  No

\* For flood hazard area zones B or C; a flood development permit would be required if any work is done in any drainage facility or stream area that would reduce the capacity of the drainage facility, river, or stream, or adversely affect downstream property.

\*\*\*\*\*

FOR COUNTY USE ONLY

REMARKS/COMMENTS: \_\_\_\_\_

- Additional information required.
- Information submitted is correct.
- Correction has been made and initialed.

Reviewed and Confirmed by:

[Signature]  
Signature

Zoning Administration and Enforcement Division

4/24/01  
Date

S:\ALL\FORMS\FLDZNING.RE08/15/12/00



RECEIVED  
COUNTY OF MAUI  
DEPT. OF PLANNING

DEPARTMENT OF PLANNING

SPECIAL MANAGEMENT AREA ASSESSMENT/EXEMPTION FORM (SM5)

APPLICANT: Please complete this section. Attach completed and signed Zoning and Flood Confirmation Request Form and one (1) set of site and building plans. PLEASE TYPE OR PRINT LEGIBLY.

PROJECT NAME: HUANG RESIDENCE DATE: MAR 22, 01

PROJECT ADDRESS/LOCATION: SR 167A, HANA MAUI 96713 - (KIPAHULU DISTRICT)

TAX MAP KEY NUMBER(S): (II) 1-06-01:04 LAND AREA: 129.46 AC.

APPLICANT'S NAME:(PRINT) JAMES NIESS PHONE NO. 244-9011

APPLICANT'S SIGNATURE: [Signature] ADDRESS 2331 W. MAIN ST.  
WAILUKU HI 96793

EXISTING AND PROPOSED DEVELOPMENT: NO EXISTING - PROPOSED SINGLE FAMILY RESIDENCE

CHECK ALL THAT APPLIES: Building Permit Application no. \_\_\_\_\_  
 Property is located on the shoreline  Development is or may become part of a larger development

DEPARTMENT USE ONLY

"Development" does not include the following provided that whenever the authority finds that any excluded use, activity, or operation is or may become part of a larger project the cumulative impact of which may have a significant environmental or ecological effect on a special management area, that use, activity, or operation shall be defined as "development" for the purpose of this part:

- 1. Construction of a single-family residence that is not part of a larger development;
- 2. Repair or maintenance of roads and highways within existing rights-of-ways;
- 3. Routine maintenance dredging of existing streams, channels, and drainage ways;
- 4. Repair and maintenance of underground utility lines, including but not limited to water, sewer, power, and telephone and minor appurtenant structures such as pad mounted transformers and sewer pump stations;
- 5. Zoning variances, except for height, density, parking, and shoreline setback;
- 6. Repair, maintenance, or interior alterations to existing structures;
- 7. Demolition or removal of structures, except those structures located on any historic site as designated in national or state registers;
- 8. Use of any land for the purpose of cultivating, planting, growing, and harvesting plants, crops, trees, and other agricultural, horticultural, or forestry products or animal husbandry, or aquaculture or mariculture of plants or animals, or other agricultural purposes;
- 9. Transfer of title of land;
- 10. Creation or termination of easements, covenants, or other rights in structures of land;
- 11. Subdivision of land into lots greater than twenty acres in size;
- 12. Subdivision of a parcel of land into four or fewer parcels when no associated construction activities are proposed; provided that any land which is so subdivided shall not thereafter qualify for this exception with respect to any subsequent subdivision of any of the resulting parcels;
- 13. Installation of underground utility lines and appurtenant aboveground fixtures less than four feet in height along existing corridors;
- 14. Structural and nonstructural improvements to existing single-family residences, including additional dwelling units, where otherwise permissible; and
- 15. Nonstructural improvements to existing commercial structures.

More information required. See attached assessment application.

Comments/Remarks: \_\_\_\_\_

Reviewed by: [Signature] Date: 4/24/01 Permit No. SM5 2001/0136  
(Planner's Initial)

Pursuant to Section 22, Chapter 205A Hawaii Revised Statutes, as amended, and the rules of the Planning Commissions in Maui County, the proposed development is exempt from the Special Management Area.

Approved by: [Signature] JOHN E. MIN, DIRECTOR Date: 4/24/01  
(Signature)

File: SM5, CZM-SM5, OSP; Planning Division, Zoning Enforcement and Administration Division (2)

S:\ALLFORMS\ExemptSM5.wpd 12/00

W00

---

# MAUI ARCHITECTURAL GROUP

August 15, 2001

State of Hawaii  
Ms. Genevieve Salmonson, Director  
Office of Environmental Quality Control  
235 So. Beretania Street  
Honolulu, HI 96813

**RE: CDUA MA-3031B – Final Environmental Assessment; Response to June 28<sup>th</sup> Letter**

Dear Ms. Salmonson,

Thank you for your comments regarding this CDU application. Below please find our response to these comments:

- 1) Maps – An island map and a more detailed site plan of the proposed improvements is attached and have been appended to the Final EA.
- 2) Sensitive Areas – The area of proposed activity was cultivated with sugar cane during the early decades of the previous century. There are no known sensitive sites in this area. Viewplanes have been considered in the design of this small residence. The applicant is sensitive to this issue and will insure the structure is not visibly intrusive from lower elevations.
- 3) Cultural Impacts Assessment – An assessment was prepared by Manawa Inc. and is enclosed with this letter and has been appended to the Final EA.
- 4) Consultation – Community consultation has occurred. Mr. Kinser presented these plans to the Kipahulu Community Association at their meeting in December of last year. Further communication is evidenced by letters of support and the interviews conducted in the Cultural Impact Assessment. State Historic Preservation Division offices were consulted both here on Maui and earlier on Oahu. They declined to write letters or memos at this time. Through these discussions, however, it was learned that there are no recorded historic sites on the property and that there are no archeological studies on file for the area.
- 5) Permits and Approvals – Required permits include Conservation District Use Permit which is currently before the Board of Land and Natural Resources. It

also requires building permits from the County of Maui which will be applied for upon approval of the CDU permit.

- 6) Significance Criteria – Although you indicated a sample was attached with your letter none was found). Consequently we have utilized those recommended by the Department of Land and Natural Resources. They are discussed below:

*1. The proposed use is consistent with the purpose of the Conservation District*  
This property has been long neglected. The presence of the applicant will promote the conservation, preservation, and protection of important natural resources in the area through an active management and maintenance program as proposed in this application.

*2. The proposed use is consistent with the objectives of the subzone of the land on which the use will occur:*

This property is in the General subzone. The proposed use, a dwelling, is compatible with the objectives outlined for this subzone and is listed as a permitted use in section 13-5-25 of the HRA Chapter 13-5 defining "Conservation District". Specific conservation uses are not defined for the area and urban use is clearly premature here. The construction of the proposed modest dwelling will not impact the open space objective of the subzone.

*3. The proposed land use complies with provisions and guidelines contained in Chapter 205A HRS entitled "Coastal Zone Management". Where applicable.*

This property does not lie within the CZM area as confirmed by the County of Maui SMA Determination Letter found in the application.

*4. The proposed use will not cause substantial adverse impact to existing natural resources within the surrounding area, community or region:*

The proposed use is very modest. As such it will not have the capacity to substantially impact the environment of the area, community or region. In addition, the applicant is very aware of environmental responsibility, have rigorously employed conservation and environmentally sensitive living practices for decades.

*5. The proposed land use including buildings, structures and facilities shall be compatible with the locality and surrounding areas, appropriate to the physical conditions and capabilities of the specific parcel or parcels:*

Materials for the proposed use will be wood harvested from certified sustainable forests. The proposed building site is on relatively level land to minimize the effects of erosion. Again, this proposed use (approximately 5,000 square feet of land area out of 128 acres) is very modest in its

proportion and, consequently, will remain appropriate to the physical conditions and capabilities of the parcel.

6. *The existing physical and environmental aspects of the land, such as natural beauty and open space characteristics, will be preserved or improved upon, which ever is applicable:*

'Natural beauty' will be enhanced by this proposed land use. This area was once undisturbed native forest. Today this property is dominated by alien species. The proposed use will create improved access to the property that will, in turn, allow the Kumukoa Native Tree Project to proceed as described in the Draft Management Plan attached to the CDU application. The proposed dwelling site has been carefully selected to minimize impact on the site's inherent natural qualities.

7. *Subdivision of the land will not be utilized to increase the intensity of land uses in the Conservation District:*

The applicants agree with this statement and have no plans to subdivide this property.

8. *The proposed land use will not be materially detrimental to the public health, safety, and welfare:*


The proposed use, a modest dwelling, remotely located, connected to no public utilities, occupied by an environmentally responsible 80 year old tenant, will pose no material threat to public health, welfare, or safety.

**Conclusion:** The proposed action supports a Finding of No Significant

7) Two Sided Pages – The Final EA has been formatted and reproduced with pages printed on both sides.

Please don't hesitate to call if I can provide further information on this CDU Application.

Sincerely,

  
James Ness  
Agent for the Applicant

2 atch

Maps

Cultural Impact Survey

## FINDINGS AND REASONS SUPPORTING DETERMINATION

**SIGNIFICANCE CRITERIA:** According to the Department of Health Rules (11-200-12), an applicant or agency must determine whether an action may have a significant impact on the environment, including all phases of the project, its expected consequences both primary and secondary, its cumulative impact with other projects, and its short and long-term effects. In making the determination, the Rules establish "Significance Criteria" to be used as a basis for identifying whether significant environmental impact will occur. According to the Rules, an action shall be determined to have a significant impact on the environment if it meets any one of the following criteria:

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

The proposed project will not impact scenic views of the mountains. The visual character of the area will not change appreciably due to the modest scale of this proposal. In addition, the subject property is located outside of the County Special Management Area (SMA).

As previously noted, no significant archaeological or historical sites are known to exist at the project's site. Should any archaeologically significant artifacts, bones, or other indicators of previous onsite activity be uncovered during the construction phases of this dwelling, their treatment will be conducted in strict compliance with the requirements of the Department of Land and Natural Resources.

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

Again the modest scale of the proposed dwelling and access road will not preclude beneficial uses of the environment. Currently the project site is overgrown with Uluhe fern and strawberry guava; two invasive and alien species that do prohibit beneficial use of the environment. Clearing of these plants and the presence of a caretaker to maintain the area will restore beneficial use of the environment that is currently being denied.

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

To the best of the Applicant's understanding the proposed development is consistent with the environmental policies established in Chapter 344, HRS, and the National Environmental Policy Act.

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

The proposed project will not alter the economic or social welfare of the community at large. Its scale is modest and the proposed residential use will neither contribute to nor substantially detract from the community welfare.

**(5) Substantially affects public health;**

Impacts to public health will be insignificant and not detectable. The proposed dwelling will be energy self-sufficient and will utilize 'green' solutions to waste management. Recycling, septic, and gray water systems will be employed to minimize any impacts on the environment. In any case this project will not substantially affect the public health.

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

There will be no substantial secondary impacts generated by the proposed dwelling. The site is very remote, there are no children involved that might add to school population and the project is design to be self-sufficient to minimize such impacts.

**(7) Involves a substantial degradation of environmental quality;**

The proposed project will utilize existing vacant agricultural land. It is anticipated that through an active program of alien species removal, control of feral grazing populations and reforestation that the project will actually improve the natural environment.

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

This is an individual project and makes no commitment to larger actions that will have a negative impact on the natural environment.

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

No endangered plant or animal species are located on or near the project site.

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

The remoteness of the proposed dwelling site coupled with the environmental awareness of the Applicants and the design of the project precludes detrimental effects to air, water, or noise levels.

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

The proposed dwelling is compatible with the above criteria since there are no environmentally sensitive areas associated with the project and the physical character of the site has been previously disturbed by agricultural uses. Shoreline, valleys, or ridges will not be impacted by the project.

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

Due to topographical characteristics of the property, views of the dwelling site are not significant. The Applicants are committed to mitigating any views to the site from areas below. However, it should be noted that the project site is approximately 3 miles from the Hana Highway and at an elevation above sea level of 1,000 feet.

**(13) Requires substantial energy consumption;**

This dwelling is not large and will produce its own energy through a solar-voltaic system. Construction of the project will not require substantial energy consumption and will be site generated with no reliance on the public utility system.



---

# MAUI ARCHITECTURAL GROUP

August 15, 2001


State of Hawaii  
Department of Land and Natural Resources  
Land Division  
54 So High Street  
Wailuku, HI 96793  
Attn: Mr. Louis Wada

**RE: CDUA MA-3031B – Final Environmental Assessment; Response to July  
19<sup>th</sup> Comment Memorandum**

Dear Mr. Wada,

Thank you for your comments regarding this CDU application. Close scrutiny of the easement description attached to the deed for the subject property indicates that this easement does not cross State property. The easement crosses properties formerly owned by Jean W. McCaughey which was deeded to the Nature Conservancy in 1971. Consequently no further action appears necessary. Please call if I can provide further information regarding this matter.

Sincerely,

  
James Niess  
Agent for the Applicant

# MAUI ARCHITECTURAL GROUP

August 15, 2001

State of Hawaii  
Mr. Colin C. Kipper, Jr., Deputy Administrator  
Office of Hawaiian Affairs  
711 Kapi'olani Boulevard  
Honolulu, HI 96813

**RE: CDUA MA-3031B – Final Environmental Assessment; Response to July 16<sup>th</sup> Letter**

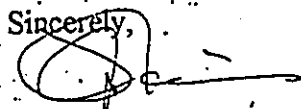
Dear Mr. Kipper,

Thank you for your comments regarding this CDU application. Below please find our response to these comments:

*Traditional and Customary Rights* – The applicant concurs that the rights of native Hawaiians will not be abridged and that traditional access will not be obstructed.

Please don't hesitate to call if I can provide further information on this CDU Application.

Sincerely,



James Niess  
Agent for the Applicant

# MAUI ARCHITECTURAL GROUP

August 15, 2001

Mr. John Blumer- Buell  
SR-111  
Hana, Maui,  
HI 96713

RE: CDUA MA-3031B – Final Environmental Assessment; Response to May  
14<sup>th</sup> Letter


Dear Mr. Blumer-Buell,

Thank you for your comments regarding this CDU application. Below please find  
response to your comments:

- 1) View Planes – It is important in considering possible building sites that  
the view planes from the lower elevations are protected from any visual  
blight.....  
The Applicants agree with this concern and will insure that the structure  
is not visibly obtrusive from lower elevations.
- 2) Reforestation – Please see the attached conceptual plan for this future  
effort. This Plan has been attached to the CDUA and will be the basis  
for a future CDU application.
- 3) Documentation of Land Use Practices–. Mr. Kinser is willing to prepare  
such documentation and concurs that this will be of future use to the  
DLNR. This element will be incorporated in the future CDUA request  
concerning reforestation of the property.

Please don't hesitate to call if I can provide further information on this CDU Application.

Sincerely,

  
James Niess  
Agent for the Applicant

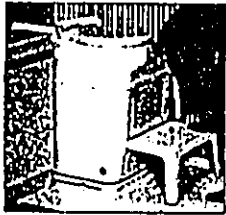
**ATTACHMENTS**



## Sun-Mar Composting Toilets

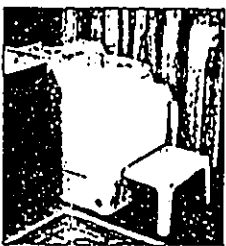
Sun-Mar is our best-selling line of composting toilets and we've been selling them since 1985. They have proven to be reliable performers in seasonal and intermittent use installation. For larger units and further information, see our Solar Living Source Book, pages 399-401. Sun-Mar composters all feature the Bio-Drum, which is a ventilated, rotatable drum that ensures complete mixing and aeration of the pile. The drum is manually rotated once or twice every few days with the external crank. Sun-Mar toilets are supplied with appropriate size vent pipe, roof flashing, and vent cap. Shipped from California or New York. Made in Canada.

### Sun-Mar Excel-AC



At sites with 120-volt electricity, the Excel-AC is a high-capacity unit ideal for year-round or seasonal use, using a maximum of 280 watts for the thermostatically controlled heater and fan. Comes with 1.5" vent pipe. Dimensions: 22.5" W x 29.5" H x 33" L.  
 ☞ 44-102 Sun-Mar Excel-AC Toilet \$1,049<sup>00</sup>

### Sun-Mar Excel-NE



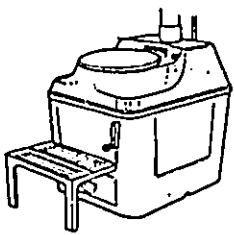
The Non-Electric is our most popular composting toilet. It's perfect for folks who live off the grid and don't want to be dependent on their inverters. The tremendous aeration and mixing action of the Bio-Drum, coupled with the help of a 4" vent pipe and the heat from the compost, creates a "chimney" effect which draws air through the system in a manner similar to that of a woodstove. In residential use a DC fan is recommended

to improve capacity, aeration, and evaporation.

Dimensions: 22.5" W x 28" H x 33" L.

- ☞ 44-101 Sun-Mar Excel-NE Toilet \$899<sup>00</sup>
- ◆ 44-803 12V Toilet Exhaust Fan \$49<sup>95</sup>
- ◆ 44-804 24V Toilet Exhaust Fan \$49<sup>95</sup>

### Sun-Mar Excel-AC/DC



Originally called the Alternative Energy Hybrid, the Excel-AC/DC was co-developed by Real Goods and Sun-Mar specifically for Real Goods' off-the-grid customers deriving part of their power from generators. The AC/DC is identical to an Excel-AC, except that it is fitted with an NE drain, and with an additional 4-inch NE vent installed next to the Excel-AC's 1.5" vent stack. The AC/DC provides the increased capacity of an AC

unit when a generator is running, but operates as a non-electric unit when 120-volt electricity is not available. For residential use, a built-in DC fan is included. Measures 23.5" W x 29.5" H x 33" L. (Please specify 12V or 24V).

- ☞ 44-103 Sun-Mar Excel-AC/DC \$1,149<sup>00</sup>

## COMPOSTING TOILETS

### Sun-Mar Compact



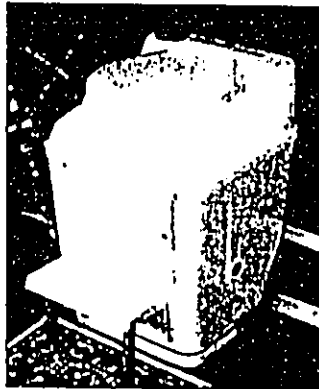
This is a scaled-down version of the Excel-AC model. For those who don't need the larger capacity of the Excel-AC and have access to 120-volt power, this is the recommended unit. The working components are the same as the Excel-AC: a bio-drum for mixing and aeration, a thermostatically controlled base heater, and a small fan for positive air movement. What makes the Compact model different is a smaller variable diameter bio-drum which allows a smaller overall size, an attractive rounded design, and most

importantly, no more footrest! Also, the handle for rotating the bio-drum is now hinged, and folds into the body when not being used. Recommended for one person in full-time residential use, or two to four people in intermittent cottage use.

It measures 22.5" W x 31" H x 32" L, but to remove drawer please allow 51" in length. It comes with a 2" vent pipe and fitting. Electrical power requirements are 115-volt, 2.5-amp. The fan uses 30 watts, while the heater uses 250 watts and has a replaceable thermostat. The approximate average demand is 125 watts.

- ☞ 44-104 Sun-Mar Compact \$949<sup>00</sup>

### Sun-Mar Ecolet Composting Toilet



The smallest model from Sun-Mar, the Ecolet is 19.5" wide by 23" deep, only slightly larger than a regular sized toilet seat. It will fit almost anywhere! Can handle 3 to 5 weekend users, or 1 to 2 residential, daily users. Available in standard 120VAC, or optional 12VDC for RV or marine use, units have a stack fan and a thermostatically controlled heater to speed up evaporation and composting. Constructed of high-quality fiberglass and marine-grade stainless steel. Stands 29" high and uses a 3" vent stack. Mfr.'s warranty: 3 years on parts, 25 years on body.

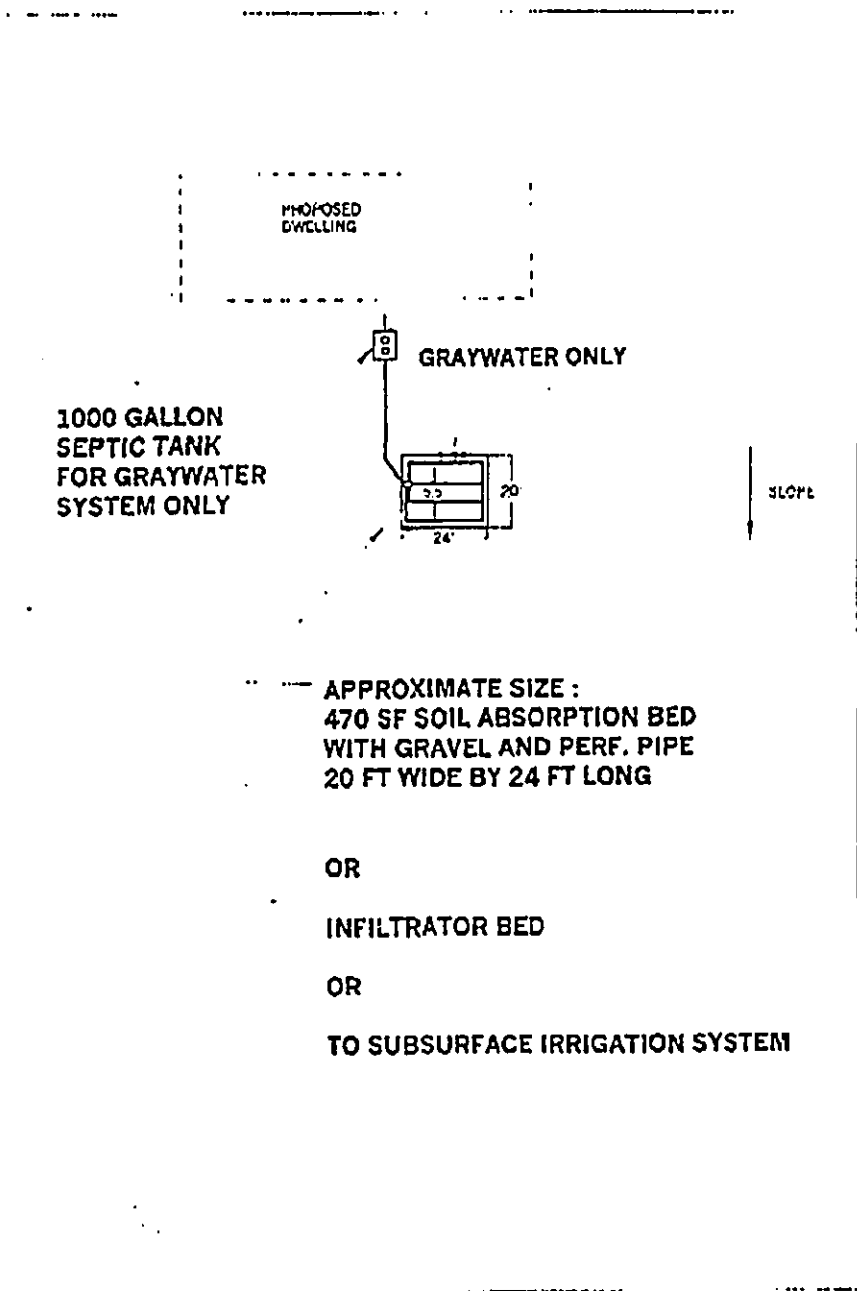
- ☞ 44-207 Sun-Mar 120VAC Ecolet Toilet \$999<sup>00</sup>
- ☞ 44-208 Sun-Mar 12VDC Marine Ecolet \$999<sup>00</sup>
- ☞ 44-111 Sun-Mar 12VDC RV Ecolet \$999<sup>00</sup>

Note: For obvious reasons, we reserve the right to refuse returns on used composting toilets.

- ◆ Means shipped from manufacturer.
- ☞ Means shipped freight collect.



**SAMPLE LOT LAYOUT FOR GRAYWATER SYSTEM  
KIPAHULU  
May 14, 2001**



**Linda Taylor Engineering**  
P.O. Box 779, Makaha, Maui, Hawaii • (908) 572-2688

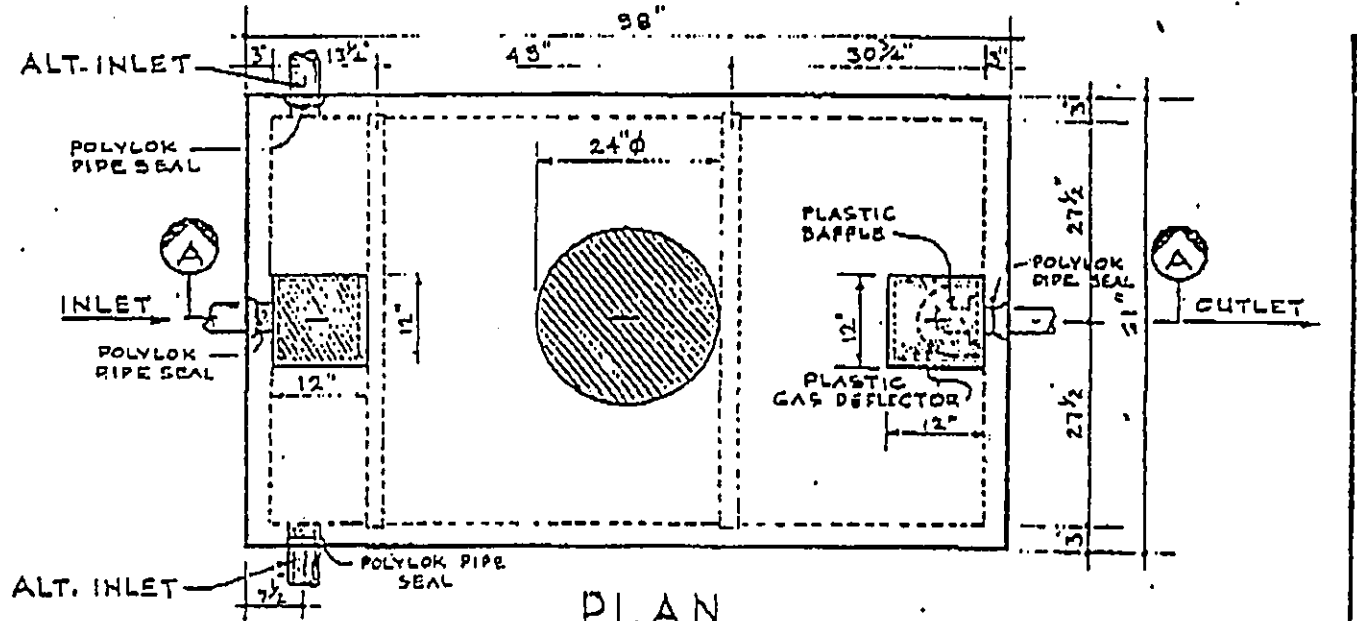
**DRAFT  
SITE PLAN**  
SCALE: 1"=50'

*ATCH 2*

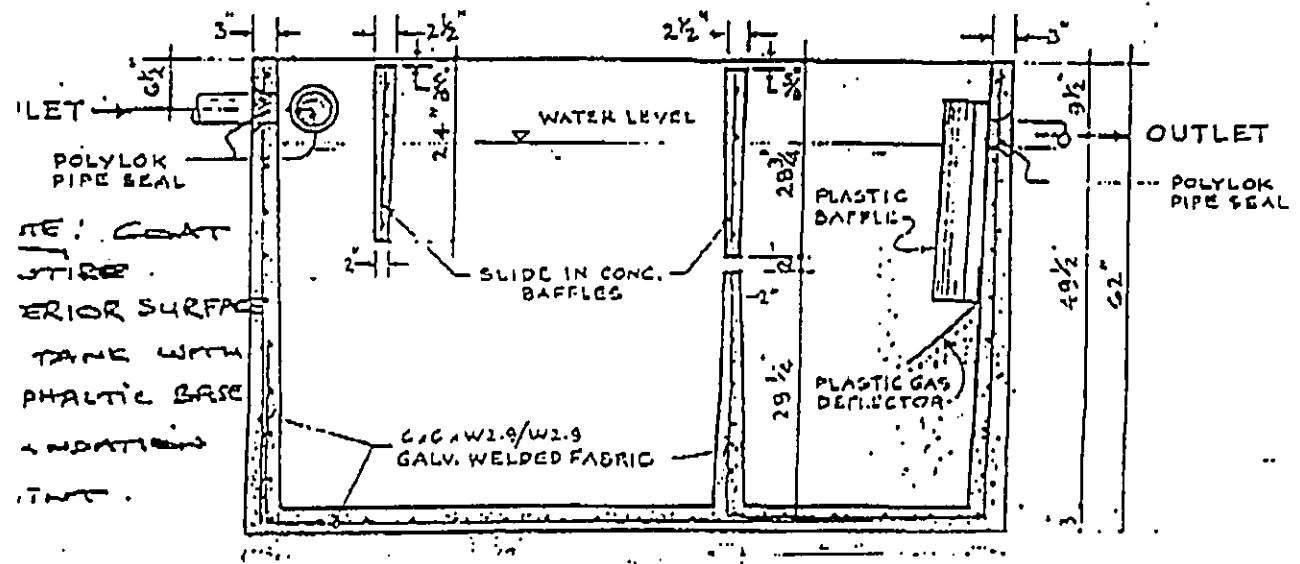
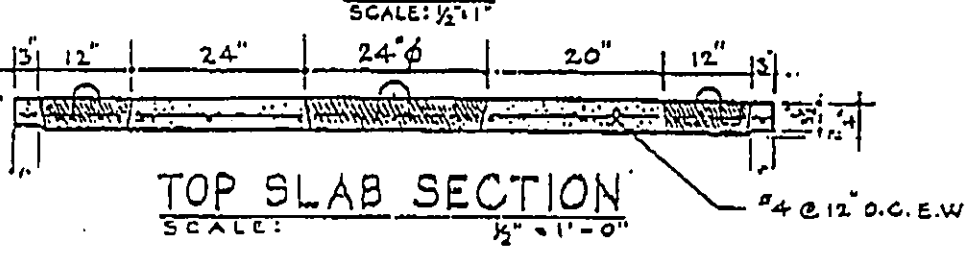
# PRECAST 1000 GAL. SEPTIC TANK

Date:	12/4/90	Draw. No.	
Rev:		Page No.	1 of 1

ALKER INDUSTRIES LTD. P.O. BOX 1568 KAHULUI HI. 96732 (808) 877-3430



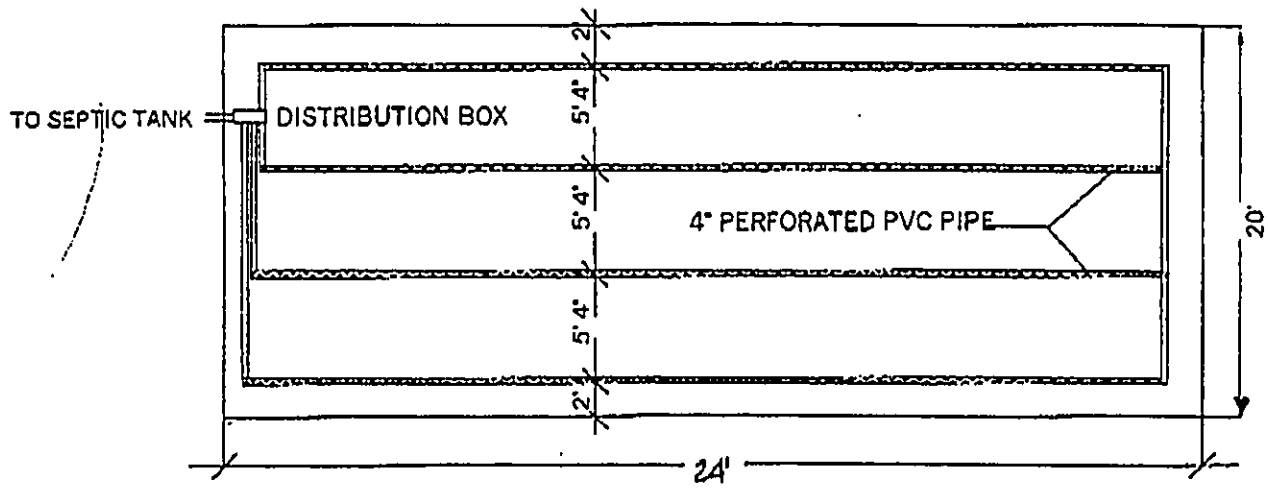
RE: EXTEND  
WHOLE  
SECTION PORT  
TO FINISHED  
GRADE.



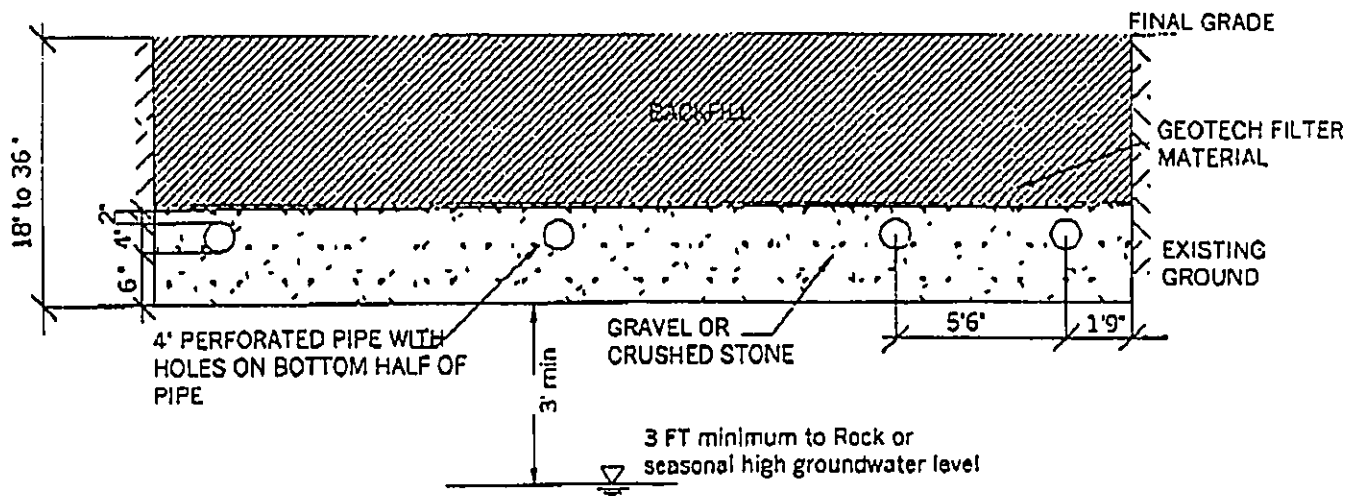
1. MIN. EXCAV. SIDE 17 W/10L.  
2. UNLESS OTHERWISE SPECIFIED.

**SECTION A-A**  
SCALE: 1/2" = 1'-0"

ATCH 2



**SOIL ABSORPTION BED  
PLAN VIEW**  
(NOT TO SCALE)



**SOIL ABSORPTION BED  
PROFILE**  
(NOT TO SCALE)

**NOTES:**

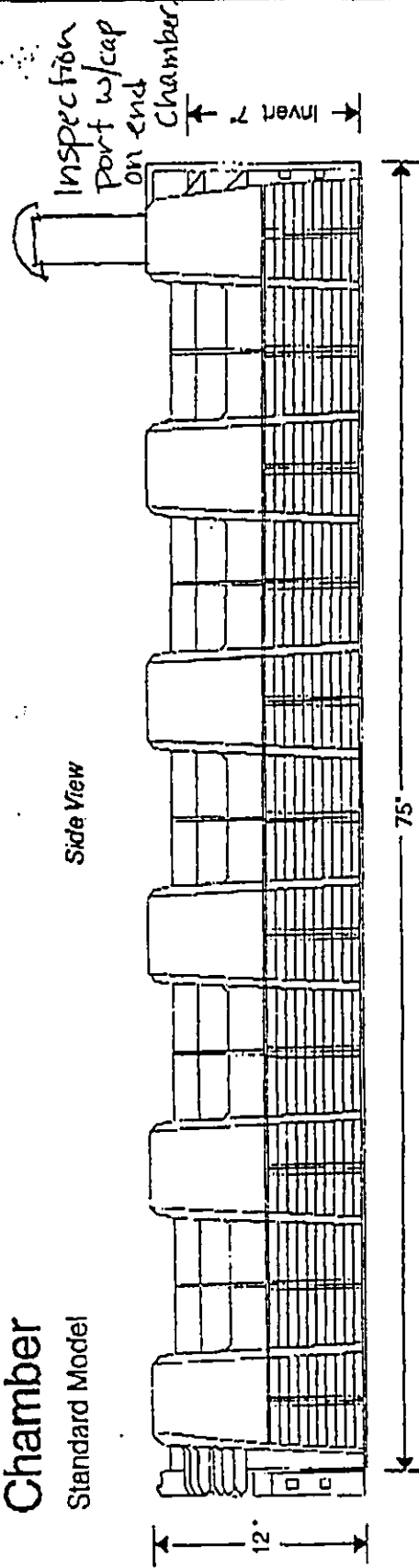
1. Distribution lines to be evenly spaced no more than 6 feet and no less than 4 feet apart.
2. Distribution lines to be no more than 3 feet and no less than 0.5 feet from side wall of the Soil Absorption Bed.
3. The bottom of the Soil Absorption Bed shall be a minimum of 18 inches and a maximum of 3 feet below finished grade.
4. Distribution lines shall be a minimum of 4 inches in diameter.
5. Distribution lines shall be laid level.
6. The floor of the Soil Absorption Bed shall be level.
7. Pipe used for distribution lines shall meet appropriate ASTM standard or those of an equivalent test in laboratory. Fittings used in the Absorption Bed shall be compatible with materials used in the distribution lines.
8. Gravel or crushed stone shall be washed and range in size from 3/4 inch to 2-1/2 inches.
9. The material used to cover the top of the stone shall be a filter fabric material or equal.
10. The perforated distribution lines shall be at least 1/2 inch and no more than 3/4 inch in diameter and spaced to provide at least the equivalent total opening of comparable diameter foot-long tiles laid with 1/4 inch open joints.

ATCH 2



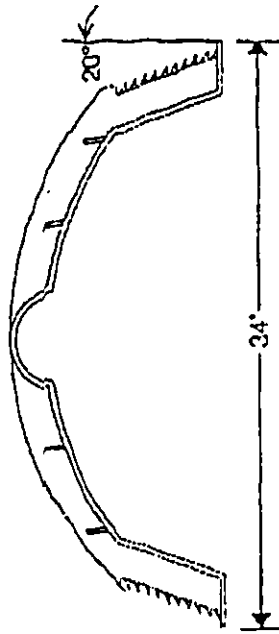
THE H-10  
**INFILTRATOR®**  
 Chamber

Standard Model



Side View

End View



Product Features

- Lightweight units offer easy assembly and installation.
- Lowered MicroLeaching™ sidewall provides maximum infiltration.
- Open chamber bottom allows additional infiltrative area.
- High-density PolyTuff™ polyethylene construction guarantees strength and durability.

Standard Infiltrator Chamber Specifications	
Size (W x L x H)	34" x 75" x 12"
Storage	77 gal./10.3 ft <sup>3</sup>
Weight	25 lbs.

**INFILTRATOR®**  
 SYSTEMS INC.

Leading the way in septic and stormwater chamber systems

4 Business Park Road • P.O. Box 768 • Old Saybrook, CT 06475  
 860-388-6670 • 800-221-1436 • Fax: 860-388-6810

ATCA 2.

## Draft Plan for Access Road Improvement

### Construction Methodology

- Right of way carefully chosen – maximum slope 10%
- Grubbing and rough grading with backhoe
- Importation of fill materials for low areas and base course for concrete strips – approximately 45 CY from construction sites in the area below property
- Finish grading and compaction with backhoe
- Drainage cutouts at approx 150 foot intervals (see fig.3)
- Concrete strips formed, raw materials trucked to site, concrete mixed by hand in 1 CY mixer, strips poured – 2 feet wide, 2 feet six inches apart. -, texture applied

### Short-Term Mitigation Methods

- Silt fencing to be utilized down-slope of grubbed areas
- Stockpiled materials to be covered with tarps

### Long-Term Mitigation Measures

- Careful siting of road alignment
- Drainage cutouts at 150 foot intervals
- Planting of native grasses along middle strip and edges of concrete strips

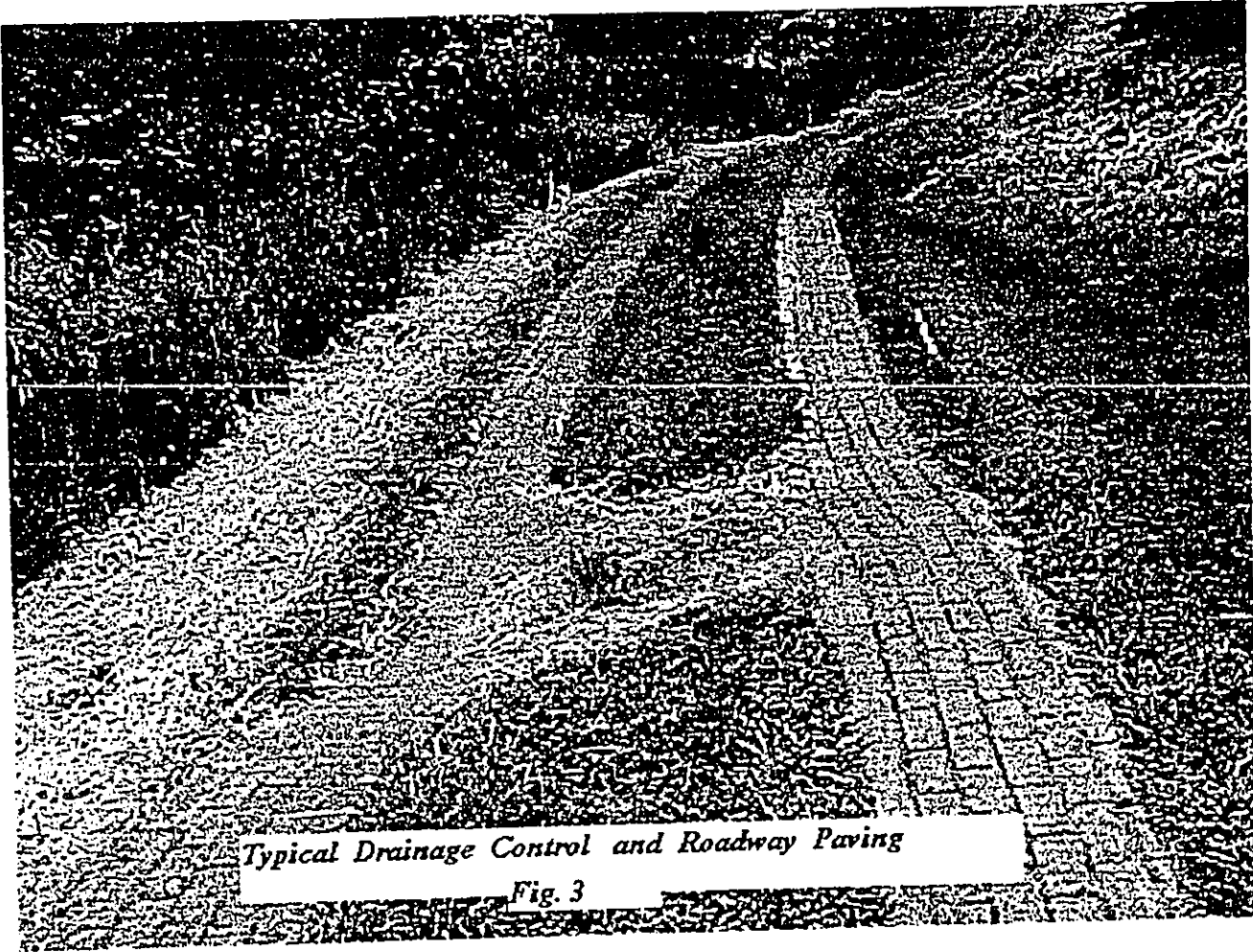
Figure 3 clearly illustrates the finished roadway in pastures below and on the way to this proposed site. The area photographed was a mud bog before road improvements were constructed. This system has worked well for over twenty years in the Kipahulu area. It should be noted that Mr. Kinser makes his living as an earthwork equipment operator, knows the area very well as a long term resident, and has participated in most of the successful driveway and roadway improvement projects in Kipahulu including Haleakala National Park.

The roadway length on the property is approximately 600 feet and will be routed as illustrated in Exhibit D.

ATCH 4



*Typical Planting Enclosure on Adjacent Property*  
*fig. 1*



DENNIS AND TRISH MARINI  
POST OFFICE BOX 487, HANA HAWAII 96713  
808•248•8571

May 10, 2001

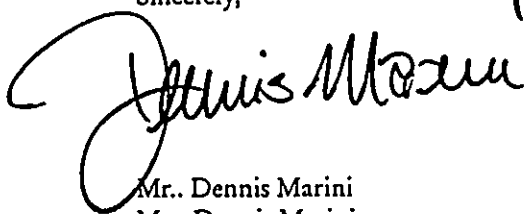
State of Hawaii  
Board of Land and Natural Resources

Dear Sir or Madam:

As a 25-year resident of Kipahulu, and a twenty-year acquaintance of Mr. Richard Kinser, I would like to express my support and appreciation for the grand effort and success of Mr. Kinser's organization Kumukoa.

I am a first hand witness to the initiative, dedication and commitment he has taken on behalf of the Reforestation of the Kipahulu Forrest Reserve and applaud his vision and foresight of this outstanding project. A project that will benefit not only us today, but many generations to come.

Sincerely,



Mr. Dennis Marini  
Mrs. Dennis Marini

Cc: R. Kinser, Kumukoa

ATCH 4

ATCH 4

Dear Skye:

5-10-02

On behalf of the Kipahulu School and myself, I would like to thank you for your warm hospitality and the great forest ecosystem presentation for the school. What a great learning environment your land provides. Involving the Kipahulagans in potting and transplanting the seedling kōas provided the kind of experience that really sticks in their minds. Your demonstration of a natural balance between humans and the land has helped add to the kids' understanding of how all of our actions have an impact on our planet. Once again, thank you for your help and success on your nursery and reforestation project.

Sincerely,  
Dick Ingram

Dick Ingram  
Kipahulu School

SR 156

Hana, HI. 96713

Phone 248-9521

ATC44

**Fruition LLC**

**Stephan Reeve**

HC 168  
Hana HI 96713-9707  
(808) 248-7808  
fruition@shaka.com

Thursday, May 10, 2001

Aloha,

I have read the Kumukoa Native Tree Project Management Plan and find the goals and methods described to be ecologically sound and very worthy of support. As a member of the Friends of Haleakala National Park, I value the efforts of the Kumukoa project to manage the buffer areas of the adjacent national park. This effort can help protect the unique resources of the park's biological reserve from further degradation by invasive plant species. As an academically trained soil scientist I am heartened by the plan's focus on minimizing soil erosion. As an organic farmer and downstream neighbor to the project, I appreciate the non-toxic management strategies outlined in the plan. As a member of the board of the Kipahulu Community Association I am excited by this major effort to restore native habitat within our district. Please join me in supporting the Kumukoa Native Tree Project.

Mahalo,



Stephan Reeve

ATCH

ATCH 4

May 10, 2001

Dear SKYE

As one of the teachers at Kipahulu School, I would like to thank you for the field trip to your property to transplant young koa trees. I am very appreciative of efforts to revitalize indigenous forest systems and was keen on having the students understand the importance of this kind of work on their own island. The trip was a great first hand experience for them and our discussion of its importance has been on-going.

Thanks Again!

~~Polyn Ingram~~  
Teacher Kipahulu School  
c/o RUTZ  
SR 156  
Hana 96713  
248-8581

ATCH4