

JOHN WAINEE
GOVERNOR OF HAWAII



STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES

P. O. BOX 621
HONOLULU, HAWAII 96808

Ref.: LM-GT

May 29, 1992 RECEIVED

'92 MAY 29 AM 11:53

Mr. Brian Choy
Director
Office of Environmental
Quality Control
465 South King Street, Room 115
Honolulu, HI 96813

OFFICE OF ENVIRONMENTAL
QUALITY CONTROL

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

Dear Mr. Choy:

Subject: Environmental Assessments

Copies of the above-cited assessments were forwarded for our review and comments. The assessments are identified as follows:

1. Applicant: GTE Hawaiian Telephone Company, Inc.

Perpetual nonexclusive easement for pair gain cabinet and cross connect cabinet installation at Puukapu Homesteads, 2nd Series, Waimea, South Kohala, Hawaii, identified by Tax Map Key: 3rd/6-4-03:16 (portion).

2. Applicant: GTE Hawaiian Telephone Company, Inc.

Perpetual, non-exclusive easement for the Mauna Lani/Waikoloa Fiber Optic Truck Line Project at Puu Anahulu, North Kona, Hawaii, identified as Tax Map Key: 3rd/7-1-03:01 (portion).

3. Applicant: Mauna Kea Holding Company, Inc.

Perpetual, non-exclusive easement to correct an encroachment onto State land at Waiakea, South Hilo, Hawaii, identified as TMK: 3rd/2-1-03:23 (portion).

As owner of the underlying lands, we have, as requested, reviewed said assessment. Please be advised that on the basis of the assessment, we find that the proposal will have no adverse impact on the environment.

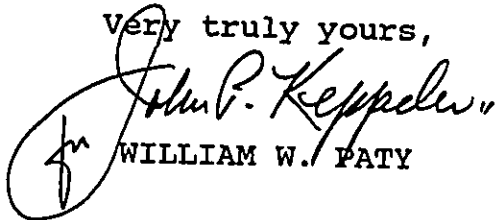
This constitutes our filing a Negative Declaration for the above-cited project.

Mr. Brian Choy
May 27, 1992
Page 2

Please find enclosed for your consideration and action four
(4) copies of the Environmental Assessments together with maps.

For any questions to the foregoing, please contact our Land
Management Division at 587-0414, or our Hawaii District Land Office
at 933-4245.

Very truly yours,


WILLIAM W. PATY

Encls.

cc: Hawaii Land Board Member
Land Management Administrator
Hawaii District Land Office

1992-06-08-141-FAA-Waimea Labelain Pa'u 'guis / cross connect
Installation

JUN 8 1992

RECEIVED
DIVISION OF
LAND MANAGEMENT
REGISTRATION

FEB 25 1992

ENVIRONMENTAL ASSESSMENT

AND

NEGATIVE DECLARATION

FOR

GTE HAWAIIAN TELEPHONE COMPANY,
INCORPORATED

PAIR GAIN & CROSS CONNECT CABINET INSTALLATION

UNIVERSITY OF HAWAII COLLEGE OF TROPICAL AGRICULTURE
MEALANI AGRICULTURAL EXPERIMENTAL FARM
WAIMEA, HAWAII

PREPARED BY

VOLT, VOLTELCON

FEBRUARY 1992

RC

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LIST OF FIGURES

Title

Figure

1. Location Map
2. Site Location
3. Project Site Plan

LIST OF EXHIBITS

Exhibits

- A. 914 E METRO (similar to 914EX Metro)
- B. Cross Connect Cabinet

CHAPTER 343, HAWAII REVISED STATUTES (HRS)
ENVIRONMENTAL ASSESSMENT

I. SUMMARY

Action: Applicant
GTE HAWAIIAN TELEPHONE COMPANY INCORPORATED

Project Name: Lakeland Pair Gain/Cross Connect Installation

Project Description: The proposed project requires a 600 square foot easement for the installation of an above ground 914 EX METRO cabinet, a 3600 CROSS CONNECT cabinet, one below surface ground vault and connected subsurface conduits to a power pole.

Project Location: University of Hawaii College of Tropical Agriculture, Mealani Agricultural Experiment Station, Waimea, Hawaii

Tax Map Key: 3/6-4-03:16 (portion of)

Easement Area: 600 square feet

State Land Use Designation: Agriculture

Development Plan Designation: Extensive Agriculture

Zoning: Ag-40

Landowner: State of Hawaii

Approving Agency: State Department of Land and Natural Resources
P. O. Box 621
Honolulu, Hawaii 96809

Contact: VOLT, Voltelcon
P. O. Box 485
Pahala, Hawaii 96777
Phone: (808) 928-8407

II. PROJECT DESCRIPTION

A. INTRODUCTION

GTE Hawaiian Telephone Company, Incorporated is requesting an easement site of 600 square feet on Tax Map Key 3/6-4-03:16. A pair gain cabinet and cross connect cabinet will be installed on a concrete slab on proposed easement site. This proposed project would be on State lands, at the Mealani Agricultural Experiment Station and will provide improved service to residents of the nearby Lakeland Subdivision and other existing subdivisions. All work will be done to applicable County of Hawaii Building Code standards, and maintenance will be by the applicant, GTE Hawaiian Telephone Company. There will be no requirements for wastewater management, drinking water, or refuse disposal due to the installation of the cabinets. The installation will be completed in one phase and secured.

B. TECHNICAL CHARACTERISTICS

GTE Hawaiian Telephone Company provides tele-communications facilities and services to the State of Hawaii. These services are provided to both the private sector and governmental agencies in many forms. Administered by the Public Utilities Commission, GTE Hawaiian Telephone Company is mandated to maintain and keep abreast of the total community's needs.

The cabinets will provide additional and more current state of the art telecommunication systems as well as increasing the telephone line capacity to the increasing private subscriber residents of Waimea. The typical pair gain cabinet is 96" wide, 48" deep, and 62" high. The typical cross connect cabinet is 58" wide, 16" deep, and 51" high. Both cabinets are built of heavy gauge steel, are totally self contained, and present no danger to the public. The easement site will be completely fenced with 5' high chain link fence with a gate for access. All site work will be done in accordance with applicable government building, and electrical code/standards. No significant environmental impacts are anticipated from the design and construction of these cabinets.

C. SOCIO-ECONOMIC CHARACTERISTICS

As previously stated, the purpose of this installation is to improve the current telecommunication capacity for the private residents living in the Waimea area.

D. ENVIRONMENTAL CHARACTERISTICS

The proposed project will not result in "significant" environmental impacts, with the actual construction consisting of site preparations for the equipment pad, and minor trenching for conduit connections.

III. AFFECTED ENVIRONMENT

A. GEOGRAPHIC CHARACTERISTICS

1. Topography

The proposed site is located off of Hawaii Belt Highway in the Mealani Agriculture Experiment Station, run by the University of Hawaii College of Tropical Agriculture. The project site is currently being used as pasture land for livestock and is relatively flat.

2. Geology/Soils

The Soil Survey of Hawaii Island, Hawaii, prepared by the U. S. Department of Agriculture, Soil Conservation Service describes the soils in the proposed site as being in the Maile Series, Maile silt loam, 0 to 3 percent slopes. "This soil is similar to Maile silt loam, 6 to 20 percent slopes, except that it is nearly level. Runoff is very slow, and the erosion hazard is none to slight. This soil is used for truck crops and pasture."

B. HYDROLOGICAL CHARACTERISTICS

1. Drainage

There is no onsite flooding at the project site and no major excavation work will be necessary to affect existing drainage patterns. The project site is presently natural slope drained.

2. Flood Plain Management

According to the National Flood Insurance Program Flood Insurance Rate map, the easement site is designated as Zone X, an area which is outside of the 500 year flood plain.

3. Coastal Zone Management Program

Implementation of this project will not cause violation of any of the provisions or objectives of the State of Hawaii Coastal Zone Management Act.

C. BIOLOGICAL CHARACTERISTICS

The portion of subject parcel that will be used for the easement site is located in an area that is currently being utilized as pasture land for livestock. The pasture is part of the University of Hawaii College of Tropical Agriculture Mealani Agriculture Experiment Station. As such it is highly unlikely that there would be any indigenous flora and fauna in the area.

D. SERVICE FACILITIES AND PUBLIC UTILITIES

This project will require only electrical power and this will be obtained from existing power lines. There will be no sewer, water or other utilities needed.

E. ARCHAEOLOGICAL SITES

There has been no onsite inspection conducted for archaeological sites. The alterations made to the parcel to convert it to pasture land as well as the continuous use of the area for livestock grazing almost precludes there being any visual evidence of archaeological sites. If any sites are uncovered during the installation phase, the applicant will instruct the contractor to halt work and will immediately advise the State Historic Preservation Division.

F. AESTHETICS AND VISUAL CHARACTERISTICS

The cabinets are diminutive in size and not considered structures. Overall physical dimensions for 914 EX METRO, 96" wide, 48" deep, 62" high. The cross connect is 58" wide, 16" deep, and 51" high. They will be painted in greenish-olive drab weather resistant paint, and secured to a concrete slab within the proposed easement area. The entire easement area will be enclosed by a five (5) foot high chain link fence. The proposed site is located off of Hawaii Belt Highway in pasture land and as such will not have a negative visual impact from the Hawaii Belt Highway view perspective.

IV. SUMMARY OF MAJOR IMPACTS AND MITIGATION MEASURES

The proposed action is not expected to have any significant environmental impacts. Any short term adverse impacts resulting from the installation will be temporary in nature and construction related. The short term impacts will be mitigated by the construction methods employed, and for the size of the project the impacts are not considered major in scope.

V. ALTERNATIVES CONSIDERED

A. ALTERNATIVE LOCATIONS

Efforts were made to secure an easement site in the existing Lakeland Subdivision and surrounding subdivisions. Over fifty (50) private property owners were approached and they rejected the request for this easement site.

B. DO-NOTHING ALTERNATIVE

The "Do-Nothing" alternative was not considered in view of the present and long term future demand for increased telephone service in the Waimea area. As a public utility, the applicant is under mandate to provide service to the customer market which is expanding at a dramatic rate.

VI. DETERMINATION, FINDINGS, AND REASONS SUPPORTING DETERMINATION

After completing an assessment of the potential environmental effects of the proposed project, it has been determined that an Environmental Impact Statement (EIS) is not required. Therefore, this document constitutes a Notice of Negative Declaration.

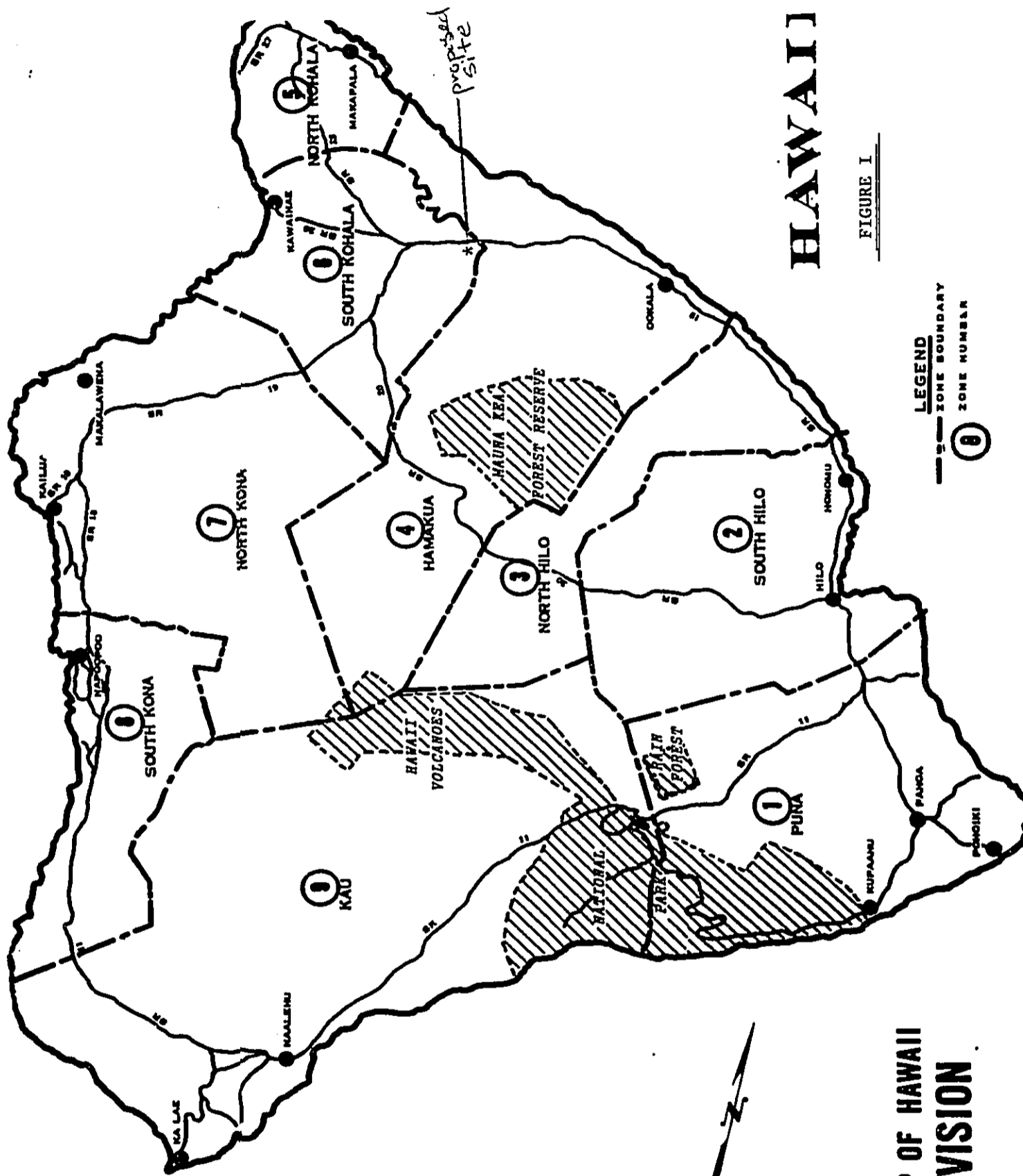
Reasons supporting the Negative Declaration determination are as follows using as the criteria, the policy, guideline and provisions of Chapters 342, 343, and 344 Hawaii Revised Statutes.

1. The proposed action primarily consists of the design and construction of telephone service equipment and will not adversely affect the physical and social environment.
2. There will be no permanent degradation of the existing ambient air and noise levels resulting from this project. During construction operations, air quality, noise levels, and traffic disruptions are expected to be affected, but these will be temporary and minor.
3. No residences or businesses will be displaced by this project.
4. There are no known endangered species of animal or plants within the project site.
5. There are no natural, historic or archaeological sites within the project limits.
6. Limited grading may be required to achieve the final finish grade, and fugitive dust may result from the minor quantities of earthwork. Standard mitigation measures are required by both the State and County of Hawaii and will be employed by the contractor.
7. There are no secondary adverse effects on future development, population and public facilities resulting from this project.

VII. LIST OF PREPARERS

GTE HAWAIIAN TELEPHONE COMPANY INCORPORATED
Engineering Division

VOLT, Voltelcon



HAWAII

FIGURE I

LEGEND
 --- ZONE BOUNDARY
 () ZONE NUMBER

**INDEX MAP OF HAWAII
 3rd DIVISION**

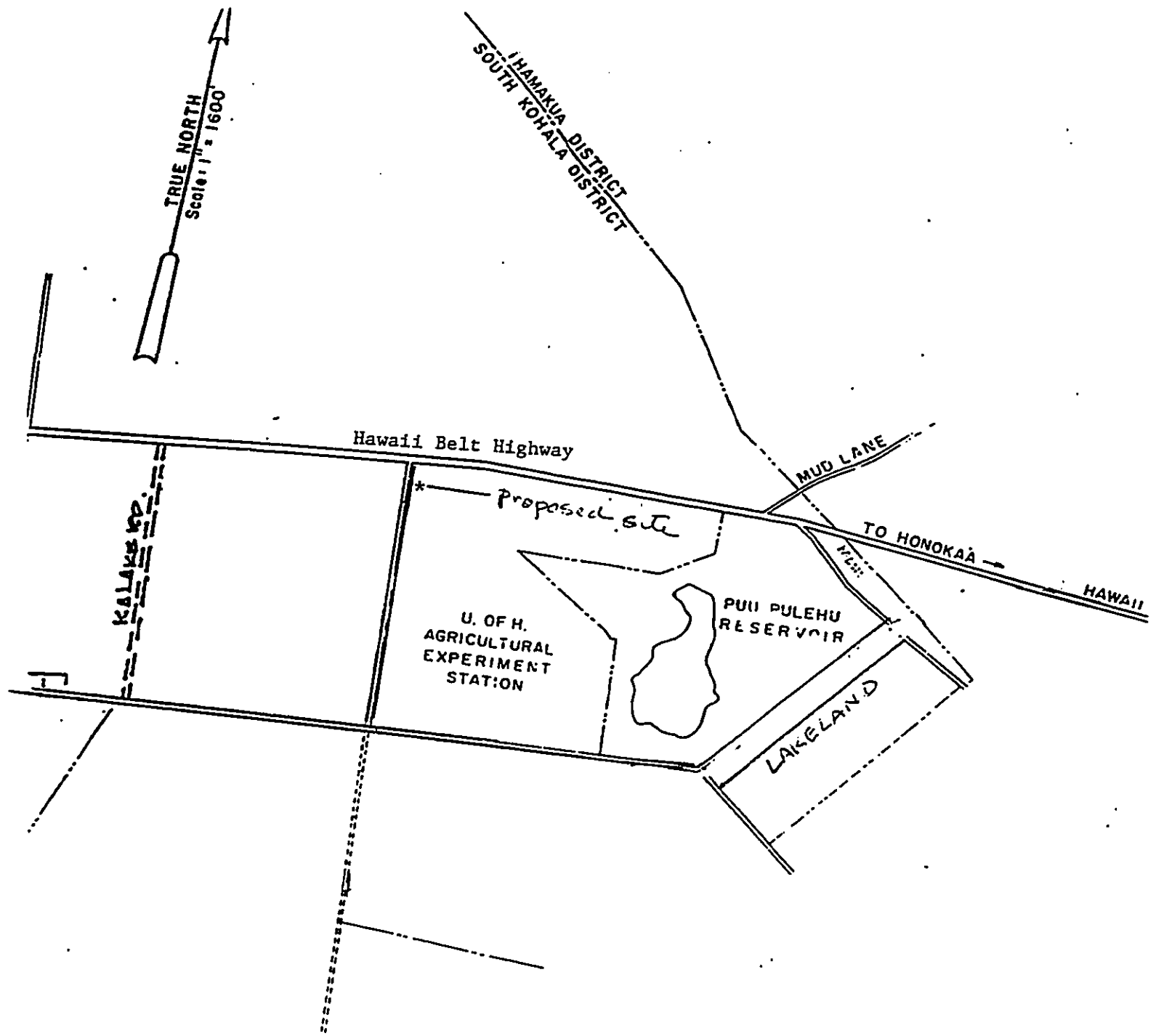
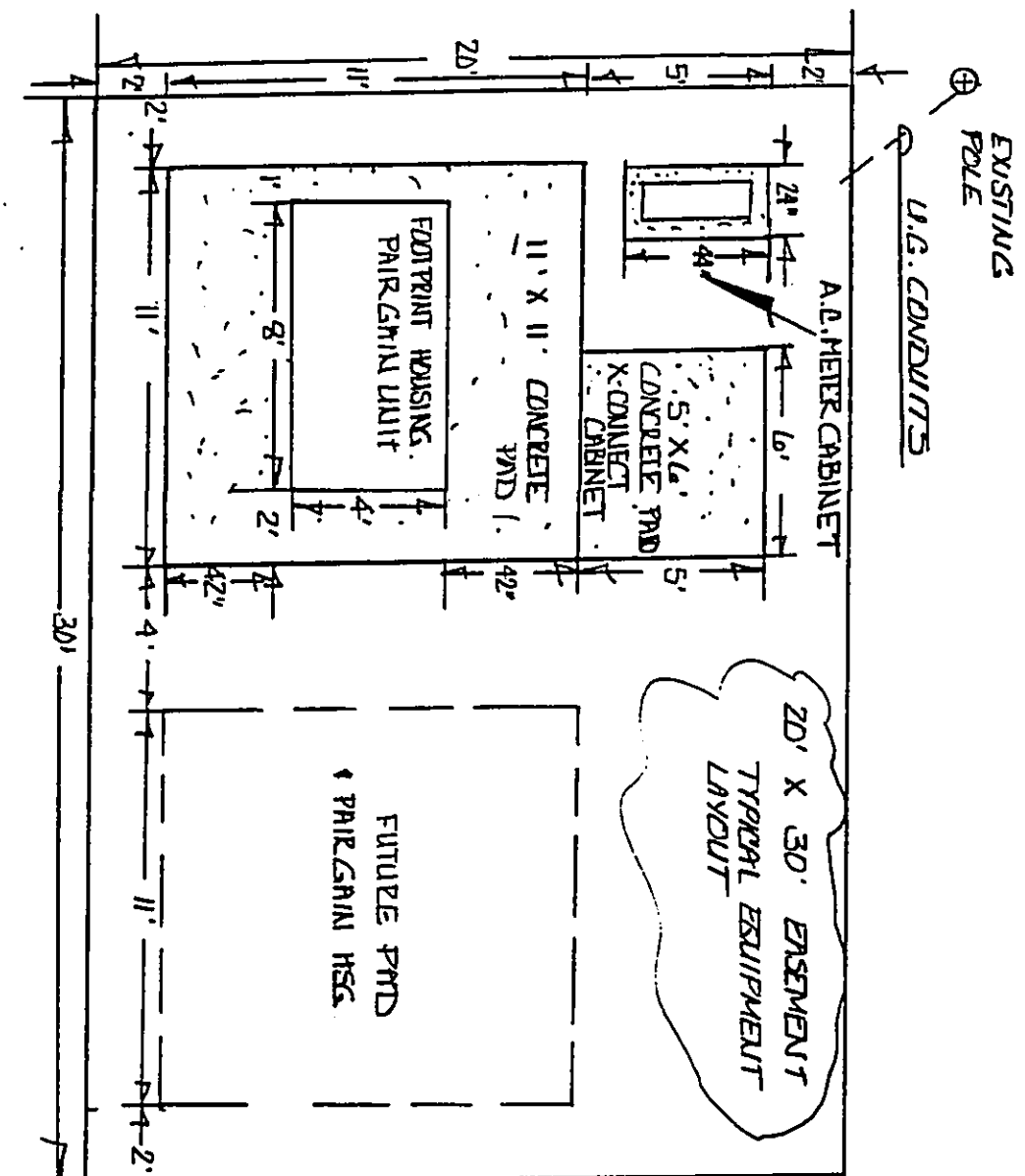


FIGURE II

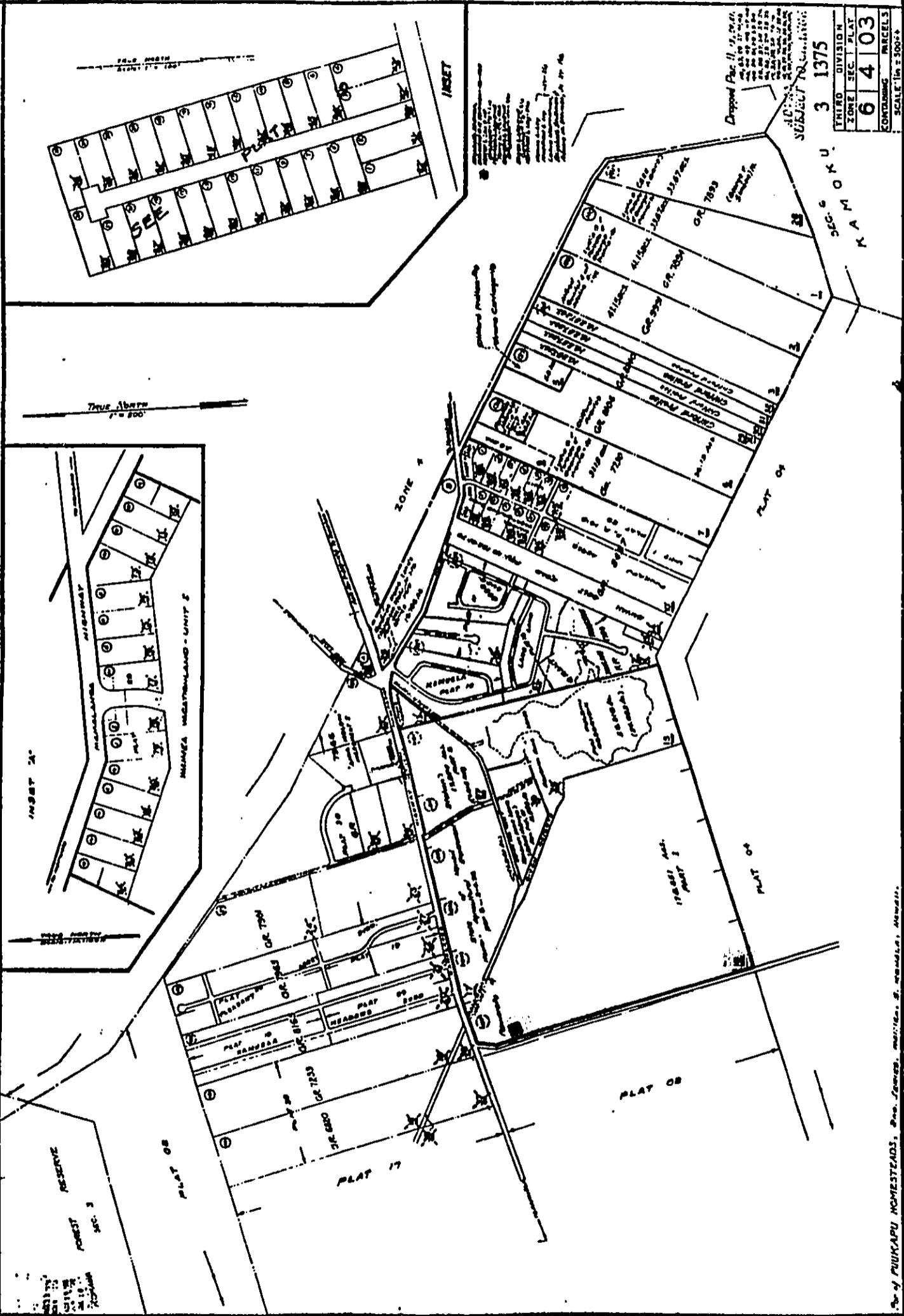


TYPICAL PAIR GRAIN SITE
 TRK 3/6-4-316

FIGURE III

TO WAINETA
 HAWAII BELT HWY
 TO HONOLULU

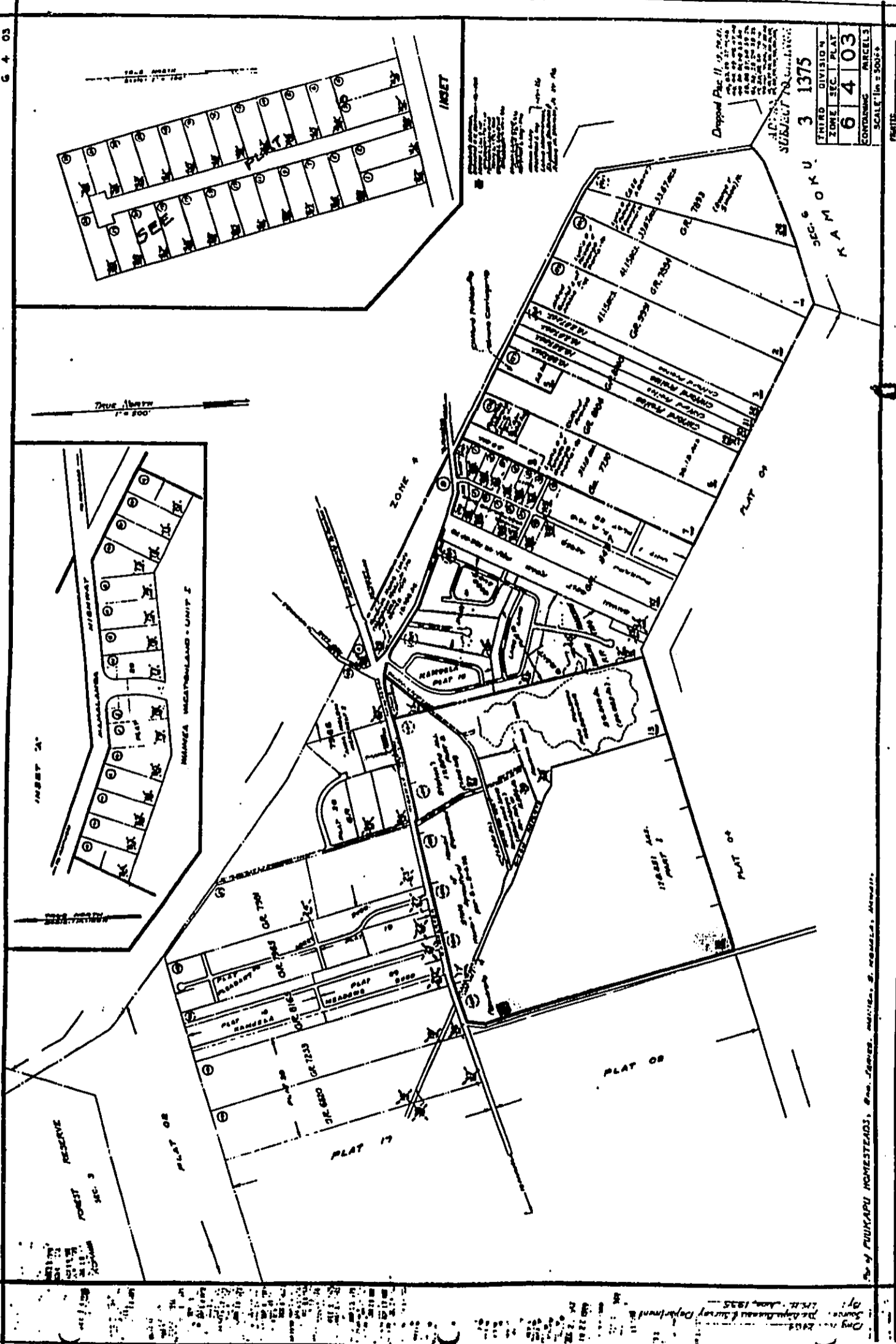
6 4 03



Dropped Parcels
 Subject Parcels
 SEC 6 O K U
 K A M O K U
 THIRD DIVISION
 ZONE SEC PLAT
6 4 03
 CONTAINING PARCELS
 SCALE 1" = 200'

Map of PUIUKAPU HOMESTEADS, Sec. 6, Twp. 10N., R. 10E., HAWAII, prepared by the Hawaiian Land Survey Department, U.S. Army, 1955.

G 4 03



Dropped Plat 11 is shown
 as being in the
 position of the
 original plat
 but is not shown
 as it is not
 shown in the
 original plat
 and is not
 shown in the
 original plat
 and is not
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 original plat

ADVISOR'S
 SUBJECT TO LIAISON

THIRD DIVISION	3 1375
ZONE SEC. PLAT	6 4 03
CONTAINING PARCELS	
SCALE 1 IN = 200 FT	

SEC. 2 O.K.U.
 K A M A

True North
 1" = 200'

Inset 1

Inset 2

Forest Reserve
 Sec. 3

Mangia Macdonald Unit 2

Zone 1

Zone 2

Kamuela Plat 10

Plat 01

Plat 02

Plat 03

Plat 04

Plat 05

Plat 06

Plat 07

Plat 08

Plat 09

Plat 10

Plat 11

Plat 12

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