

JOHN WAIHEE
GOVERNOR OF HAWAII



STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES

P. O. BOX 621
HONOLULU, HAWAII 96809
NOV 17 1992

WILLIAM W. PATY, CHAIRPERSON
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'92 NOV 18 A8:46 0D-91-742d

Ref:LM-NV
Mr. Brian J.J. Choy, Director
Office of Environmental Quality Control
220 S. King Street, 4th Floor
Honolulu, Hawaii 96813

Dear Mr. Choy:

Subject: Negative Declaration for Non-Exclusive Term
Easement for Utilities Purposes to Hawaiian
Telephone Company Within State-Owned Land
Located at Kalihi Waena Elementary School, TMK
1-3-08:04

The State of Hawaii Department of Land and Natural Resources, Land Management Division has reviewed comments (if any) received on the above subject matter during the 30-day public comment period which began on OEQC Bulletin publication date of August 23, 1992.

This agency has determined that the proposed use of the State-owned land for which use is for utility purposes will not have significant environmental affect and has issued a negative declaration.

Please publish this notice in the November 25, 1992 OEQC bulletin.

We have enclosed a completed OEQC Bulletin Publication Form and four copies of the Final Environmental Assessment.

Please contact Mr. Nicholas Vaccaro at 587-0433 should you have any questions.

Very truly yours,

John P. Keppeler II
for WILLIAM W. PATY

Enclosures
cc: Ms. S. Himeno

195

1992-12-08-DA-FA-Kalihi-Waena
Elementary School

DEC - 8 1992

ENVIRONMENTAL ASSESSMENT
AND
NOTICE OF NEGATIVE DECLARATION
FOR

GTE HAWAIIAN TELEPHONE COMPANY
INCORPORATED

CROSS CONNECT CABINET
INSTALLATION

KALIHI - WAENA ELEMENTARY
SCHOOL

HONOLULU, HAWAII

TMK: 1-3-08: 4

PREPARED BY
ENVIRONMENTAL COMMUNICATIONS, INC.

JUNE, 1992

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I. SUMMARY

CHAPTER 343, HAWAII REVISED STATUTES (HRS)
ENVIRONMENTAL ASSESSMENT

1. APPLICANT:

GTE HAWAIIAN TELEPHONE COMPANY INCORPORATED

2. APPROVING AGENCY:

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

3. AGENCIES CONSULTED:

STATE DEPARTMENT OF LAND AND NATURAL RESOURCES
Division of Land Management

STATE DEPARTMENT OF HEALTH
Environmental Health Administration
Environmental Planning Office

CITY & COUNTY OF HONOLULU
Building Department
Department of Land Utilization
Department of General Planning
Department of Transportation Services
Department of Public Works

II. GENERAL DESCRIPTION OF THE ACTION'S CHARACTERISTICS

A. INTRODUCTION

The GTE Hawaiian Telephone Company Incorporated is requesting an easement from the State Department of Education to install a telecommunications cabinet which will be placed on a concrete pad. The requested easement is for a space measuring 8 feet by 9 feet, and the installation will be on the Kalhi-Waena School property. The School is located in metro Honolulu off Gulick Avenue (See Figure 1), and more specifically in Tax Map Key: 1-3-08: 04 (See Figure 2). The State Land Use Boundary designation is Urban, the City Development Plan designation is Public Facility, and the Zoning is R-5.

B. TECHNICAL CHARACTERISTICS

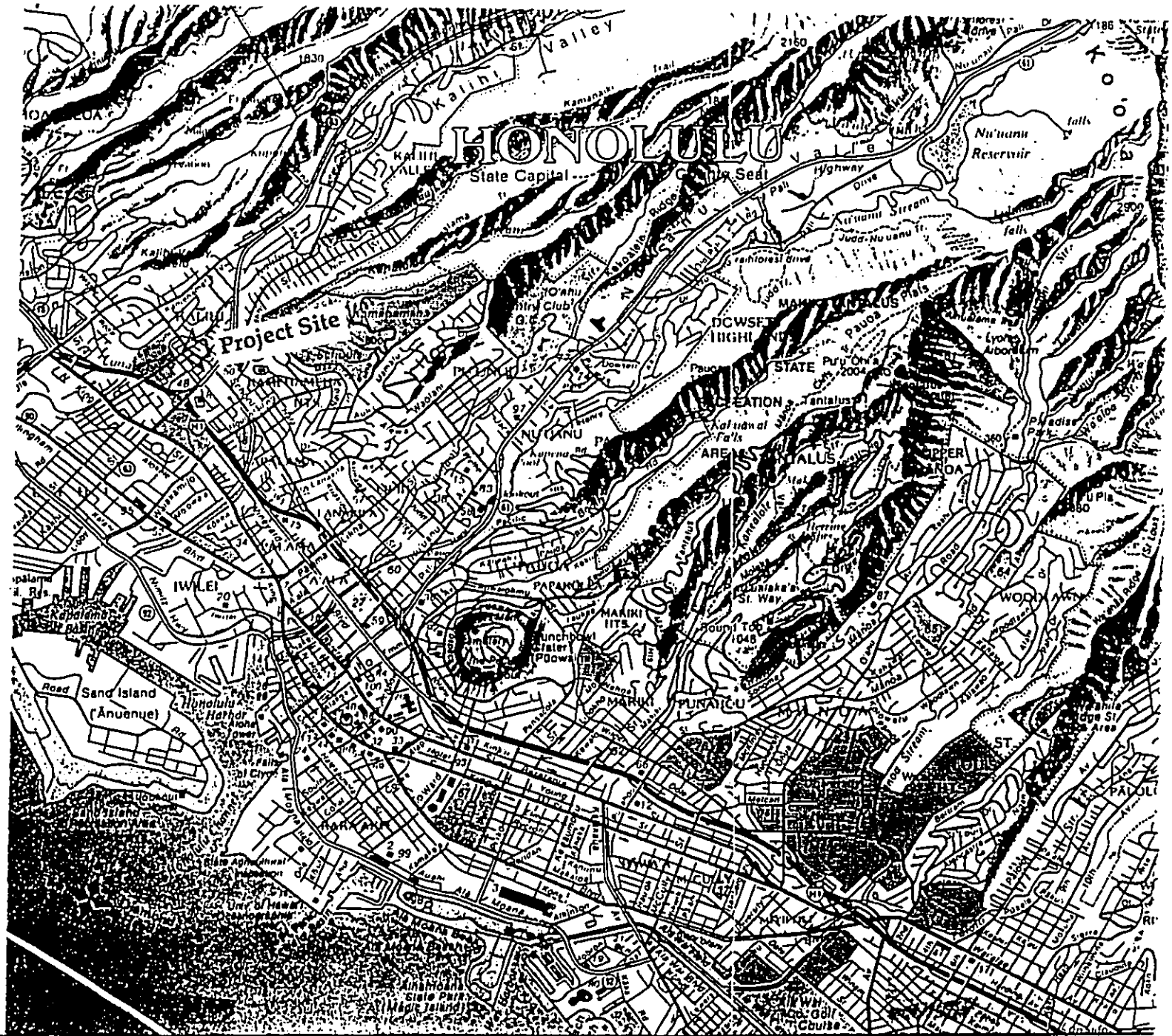
The cabinet measurements are 44" wide, 55" high, and 20" deep. (See Figure 3) The installation will be on a concrete pad that will be secured by a chain link fence perimeter to prevent vandalism and damage to the cabinet and the contents. (See Figure 4) The purpose of the cabinet is to meet present and future needs of the neighborhood situated immediately above the H-1 Freeway, providing state of the art services such as call forwarding, memory dial, conference calls, etc. This unit will also accommodate future requests from business and residential users within a three block radius. All installation work will be done to applicable City & County Building Code Standards, and maintenance of the installation will be at the expense of the telephone company. No significant environmental impacts are anticipated from the installation of this cross-connect cabinet.

C. SOCIO-ECONOMIC CHARACTERISTICS

As previously described, the purpose of this installation is to provide expanded service capacity to Gulick Avenue and the adjacent residential sectors.

D. ENVIRONMENTAL CHARACTERISTICS

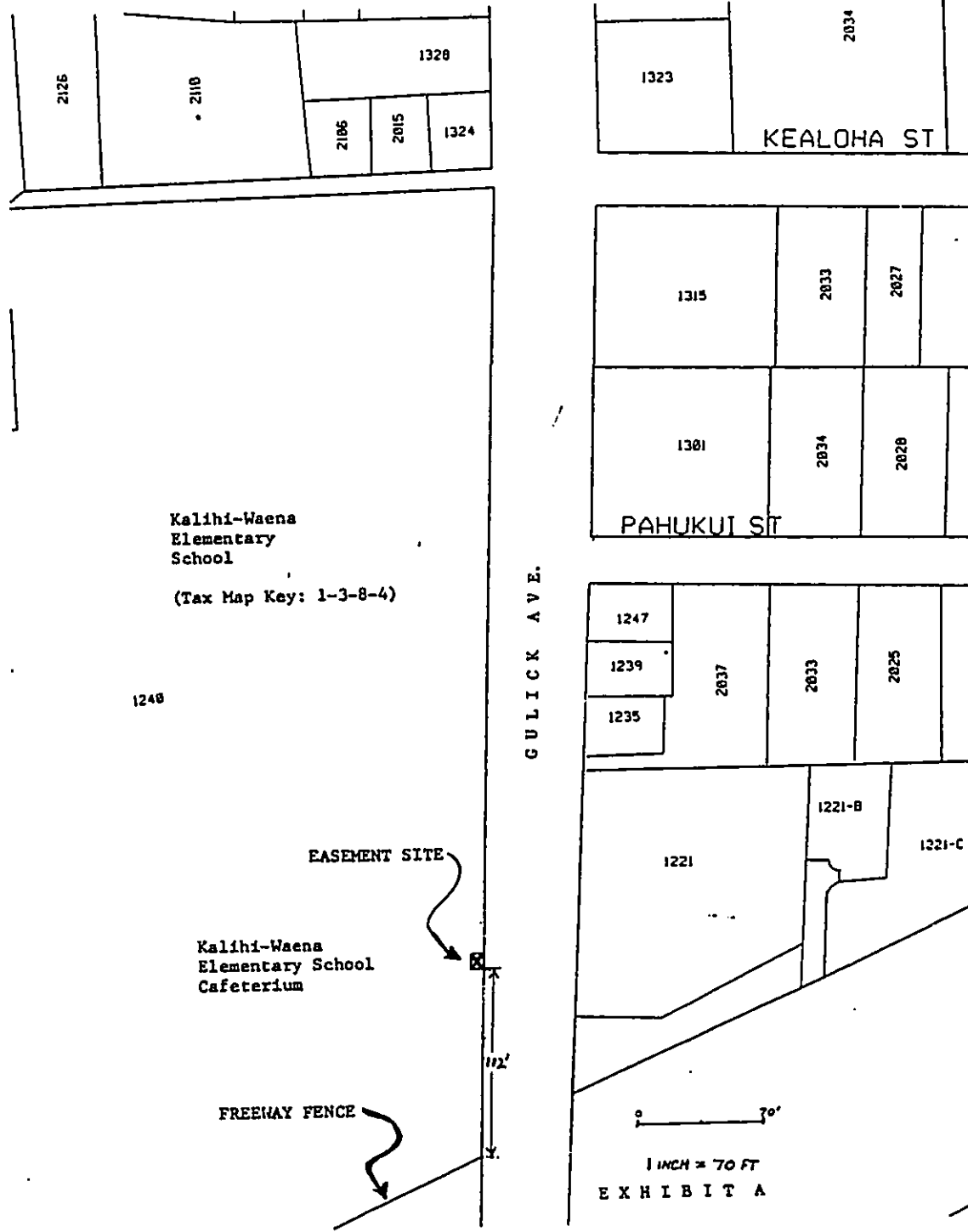
There will be minimal, if any, environmental impacts resulting from this proposed project. There will be clearing and grading to finish grade to pour the concrete pad, the installation of the cabinet, and if required, the enclosing of the cabinet and pad with a wire mesh security fence. The final installation plans will be reviewed by the State Department of Health prior to construction.

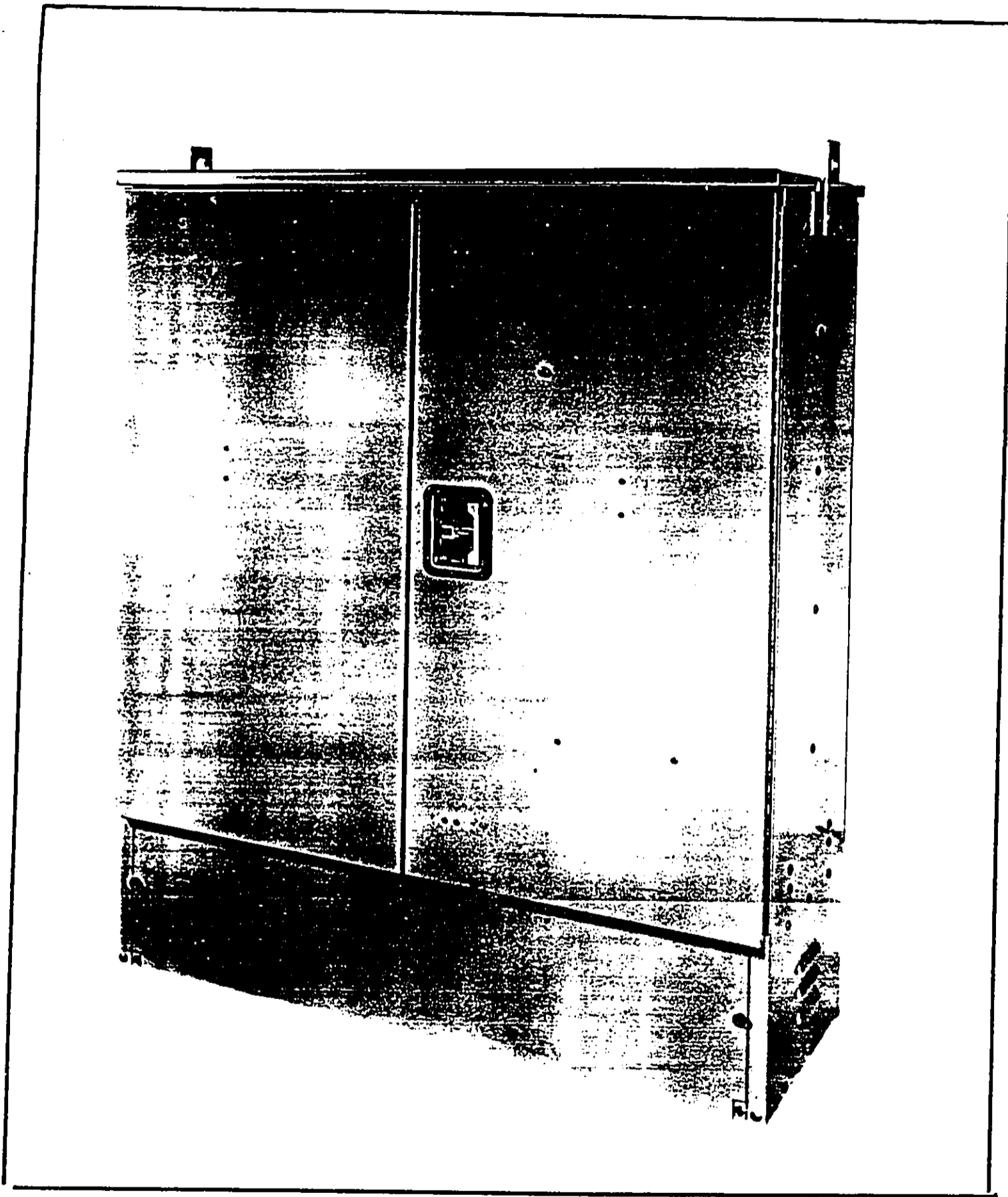


GTE Cross Connect Cabinet Installation
 Kalihi-Waena Elementary School Honolulu, Hawaii

LOCATION MAP
 FIGURE 1

Figure 2





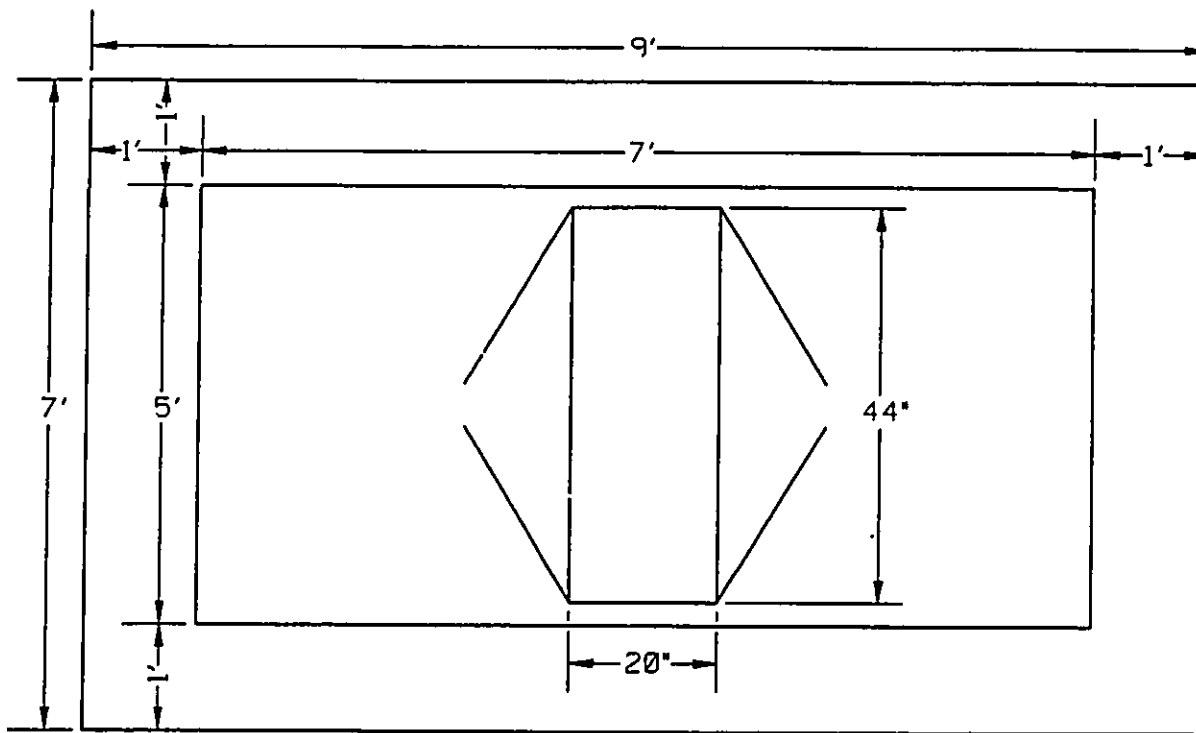
GTE Cross Connect Cabinet Installation
Kalihi Waena Elementary School, Honolulu, Hawaii

X-CONNECT CABINET
FIGURE 3

Figure 4

3600 CROSS-CONNECT

KALIHI-WAENA ELEMENTARY
SCHOOL PROPERTY
(OFF GULICK AVENUE)



EASEMENT SITE = 9' X 7'

PAD = 7' X 5'

X-CONNECT HOUSING = 44"W X 55"H X 20"D

PROJECT SITE ELEVATION
(Proposed)

FIGURE 4

E. FUNDING AND PHASING

All improvement costs will be borne by the applicant, GTE Hawaiian Telephone Company Incorporated, estimated costs are \$5,200.00.

III. THE AFFECTED ENVIRONMENT

A. GEOGRAPHIC CHARACTERISTICS

The proposed site is located on Gulick Avenue, above the H-1 Freeway and has been in a highly urbanized sector of Honolulu since the early 1900s. *The Soil Survey of Islands of Kauai, Oahu, Maui, Molokai, and Lanai, State of Hawaii*, prepared by the U.S. Department of Agriculture, Soil Conservation Service in August, 1972 describes the soils as follows: "Makiki stony clay loam (MIA) consists of well drained soils on alluvial fans and terraces in the city of Honolulu. These soils developed in alluvium and colluvium from basic igneous materials. They are nearly all level and are commonly stony. The annual rainfall amounts to 30 to 60 inches, most of which occurs between November and April. These soils are used for urban purposes.."

B. HYDROLOGICAL CHARACTERISTICS

There is no onsite flooding at the project site and no major excavation work will be necessary that will affect existing drainage patterns. The project site is improved to County standards, and drainage systems provide adequate drainage to the project site.

C. BIOLOGICAL CHARACTERISTICS

The project site is located in a highly urbanized sector of Honolulu, and as such, does not maintain any eco-systems comparable to the higher elevations. Flora and fauna, including avifauna, are almost entirely introduced species and are not endangered or protected varieties.

D. SERVICE FACILITIES AND PUBLIC UTILITIES

This installation will require only electrical power, and as an unmanned facility, there will be no demands for sewer, water, or other utilities.

E. ARCHAEOLOGICAL SITES

There has been no onsite inspection conducted for archaeological sites. In the event that during the installation phase, sites are uncovered, the applicant will require the contractor to halt work and advise the Historic Preservation Division, (587-0045) immediately for an evaluation of any uncovered finds.

F. AESTHETICS AND VISUAL CHARACTERISTICS

The crossconnect cabinet is not a major piece of equipment that would be defined as a structure. The dimensions are diminutive (44" wide, 55" high, and 20" deep). Security fencing will provide further shielding and exterior paint color can be selected to blend in with the adjacent environs.

IV. SUMMARY OF MAJOR IMPACTS AND MITIGATION MEASURES

The proposed installation is not anticipated to have any significant environmental impacts. The site is in an extremely urbanized with typical urban traffic patterns. Any impacts resulting from the subject action will be temporary in nature and construction related. The traditional construction methods that will be used for this installation, will not require major heavy equipment, and will probably be done with portable machinery.

V. ALTERNATIVES CONSIDERED

A. ALTERNATIVE LOCATIONS

Initial efforts to locate this crossconnect cabinet ranged from the private property site across the street, (rejected due to possible congestion); the private property on the corner of Gulick Avenue and Kealoha Street (rejected due to personal reasons); and finally, the current proposed site which will serve adequately. The location is suited to connect to existing GTE facilities which are in line to the site.

B. DO-NOTHING ALTERNATIVE

The "Do-Nothing" alternative was not considered a viable alternative since the increasing demand for upgraded state of the art telecommunication systems by the State agencies was long overdue.

VI. DETERMINATION, FINDINGS, AND REASONS SUPPORTING DETERMINATION

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

1. The proposed action consists entirely of the design and installation of one crossconnect cabinet on a concrete pad, with security fencing.
2. There will be no permanent degradation of existing ambient air and noise levels. During the minimal construction period, there may be temporary violations of air and noise standards, but these are highly unlikely.
3. There are no known endangered species of animal or plant varieties within the project site.
4. There are no known natural, historic, or archaeological sites within the project site.
5. There will be no secondary adverse effects on future development, population, and public facilities with the installation of this cabinet.

This project will have no significant environmental effects and will be of benefit to the State Department of Education and adjacent residential sectors. Any adverse environmental impacts have been determined to be insignificant and the applicant will comply with all applicable statutes, ordinances, and rules and regulations of the Federal, State, and City & County of Honolulu.

VII. LIST OF PREPARERS

GTE HAWAIIAN TELEPHONE COMPANY
OSP ENGINEERING IV

ENVIRONMENTAL COMMUNICATIONS, INC.