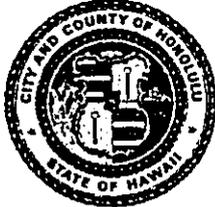


BUILDING DEPARTMENT
CITY AND COUNTY OF HONOLULU

HONOLULU MUNICIPAL BUILDING
650 SOUTH KING STREET
HONOLULU, HAWAII 96813



FRANK F. FASI
MAYOR

HERBERT K. MURAOKA
DIRECTOR AND BUILDING SUPERINTENDENT

WILLIAM F. REMULAR
DEPUTY
PB 92-1062

RECEIVED

October 27, 1992
OCT 27 AM 11:27

OFFICE OF ENVIRONMENTAL
QUALITY CONTROL

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

Dear Mr. Choy:

Subject: Negative Declaration for the Proposed
Kalihi Fire Station Improvements
Oahu, Hawaii (Tax Map Key: 1-3-05: 22)

This letter constitutes a notice of determination by this department after the potential impact of the proposed project has been assessed according to Title II, Chapter 200, Environmental Impact Statement Rules, and Chapter 343 of the Hawaii Revised Statutes relating to the environmental impact statements. The determination has been made that an environmental impact statement is not required based on the environmental assessment (EA) that was prepared by our consultants, Franklin Wong & Associates Limited and Gerald Park Urban Planner.

Based on our determination, we are filing a negative declaration for this project. Attached are four copies of the EA and a document for publication form.

The notice of the draft EA for this project was published in your September 8, 1992 bulletin.

Should there be any questions, please have your staff call Melvin Lee at 527-6373.

Very truly yours,

Handwritten signature of Herbert K. Muraoka in cursive.

HERBERT K. MURAOKA
Director and Building Superintendent

Attach.

cc: Franklin Wong & Assoc.
Gerald Park Urban Planner
Fire Dept. (w/ Attach.)

1992-11-08-0A-PEA - Kalihi Fire Station

NOV 8 1992

FINAL
ENVIRONMENTAL ASSESSMENT
KALIHI FIRE STATION IMPROVEMENTS
Kalihi, Oahu, Hawaii

Prepared in Fulfillment of the
Requirements of Chapter 343, Hawaii Revised Statutes
and Chapter 200, Title 11, Administrative Rules,
State Department of Health

Proposing Agency:

Building Department
City and County of Honolulu

Prepared By:

Franklin Wong & Associates Limited
and
Gerald Park Urban Planner

October, 1992

SUMMARY INFORMATION

PROJECT: Kalihi Fire Station Improvements

PROPOSING AGENCY: Building Department
City and County of Honolulu

LOCATION: 1742 North King Street
Kalihi, Oahu, Hawaii

TAX MAP KEY: 1-3-05: 22

LAND AREA: 27,700 Square Feet

LANDOWNER: City and County of Honolulu

EXISTING USE: Fire Station

**STATE LAND USE
DESIGNATION:** Urban

**DEVELOPMENT PLAN
LAND USE DESIGNATION:** Public Facility

**DEVELOPMENT PLAN
PUBLIC FACILITY MAP:** No Improvements Shown

ZONING: BMX-3

CONTACT PERSON: Melvin Lee
Building Department

Phone: 527-6373

Substantive comments received during the review period for the Draft Environmental Assessment and incorporated into the text of the Final Environmental Assessment are shown in bold type.

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SECTION 1

DESCRIPTION OF THE PROPOSED PROJECT

The Building Department, City and County of Honolulu, proposes to construct an accessory structure and to renovate the existing Kalihi Fire Station, Kalihi, Honolulu, Hawaii. The project site bears tax map key 1-3-05: 22 encompassing an area of 27,700 square feet and is owned by the City and County of Honolulu. A location map is shown in Figure 1.

A. Purpose of the Project

The purpose of the project is to correct facility deficiencies at the existing fire station. The proposed structure will replace an existing accessory structure which will be demolished. The existing structure is infested with termites and beyond repair. Termite damages have necessitated the use of temporary shoring.

The existing fire station also will be renovated to accommodate newer fire fighting apparatus.

B. Technical Characteristics

The existing kitchen/exercise building will be demolished and replaced by a new kitchen/exercise/office building. Existing water, communication, and power systems serving the to be demolished building will be rerouted and upgraded as necessary. The existing fuel dispenser and underground storage tank will be removed in accordance with applicable State and Federal regulations.

The new structure will be built on the northwestern portion of the property behind the existing fire station and attached to the station by a covered walkway (See Figure 2). The proposed single-story structure encloses a floor area of approximately 1,290 square feet. The building will be constructed concrete slab on grade with concrete masonry exterior walls and topped by a clay tile hipped roof. The tile roof and synthetic stucco to be applied on exterior walls and columns will be colored to match the existing station.

The structure is approximately 25 feet high measured from finish grade to top of a skylight. The covered walkway is approximately 16 feet tall with 12 feet clearance at the eave line. The clear space is adequate to permit access by fire vehicles. The north elevation is shown in Figure 3.

As shown in Figure 4, interior space is allocated for a kitchen (188 sf), dining room (308 sf), exercise room (320 sf), office (224 sf), toilet (42 sf), and storage (90 sf).

Newer fire fighting apparatus are larger and cannot be accommodated in the existing station without modifications to the station. Proposed renovations include replacing the doors, widening the entrance, and relocating the office.

The existing parking lot will be repaved and striped for parking and a volleyball court. None of the existing trees and palms on the premises will be removed.

C. Economic Characteristics

The cost of the project is estimated at \$ 450,000 (\$1992) and will be funded by the City and County of Honolulu. Construction will commence after receiving all necessary approvals and a six month construction schedule is projected.

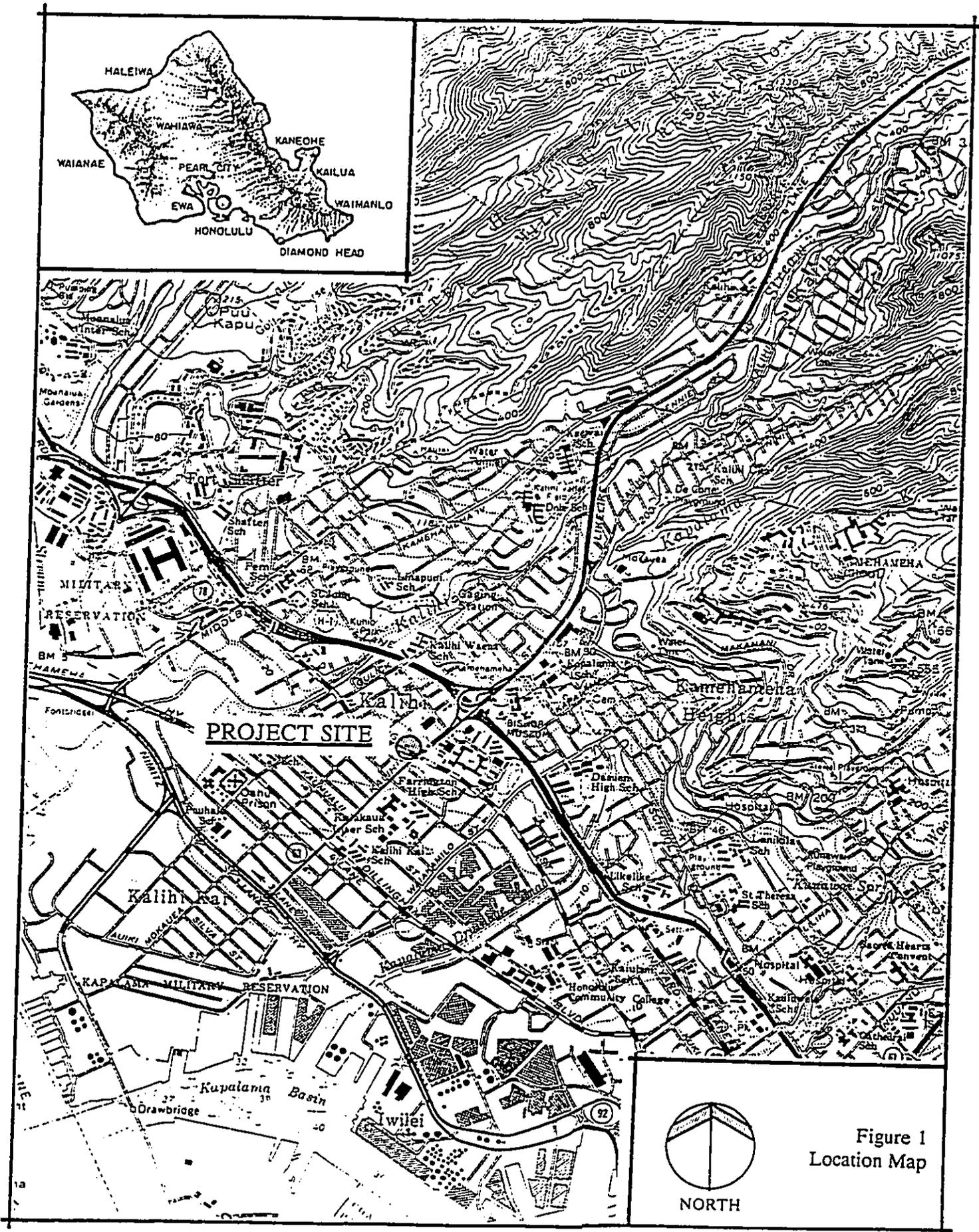


Figure 1
Location Map

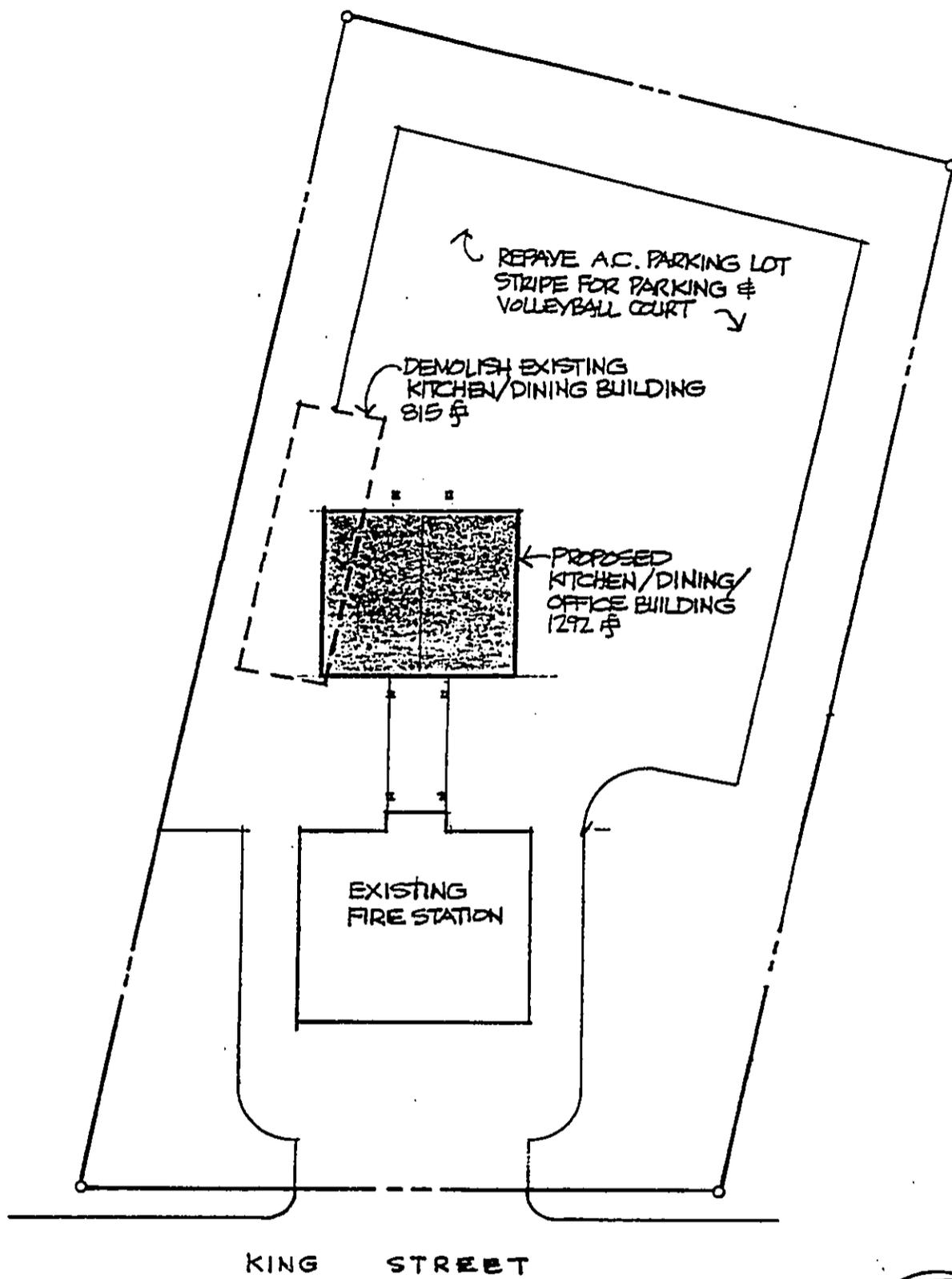


Figure 2

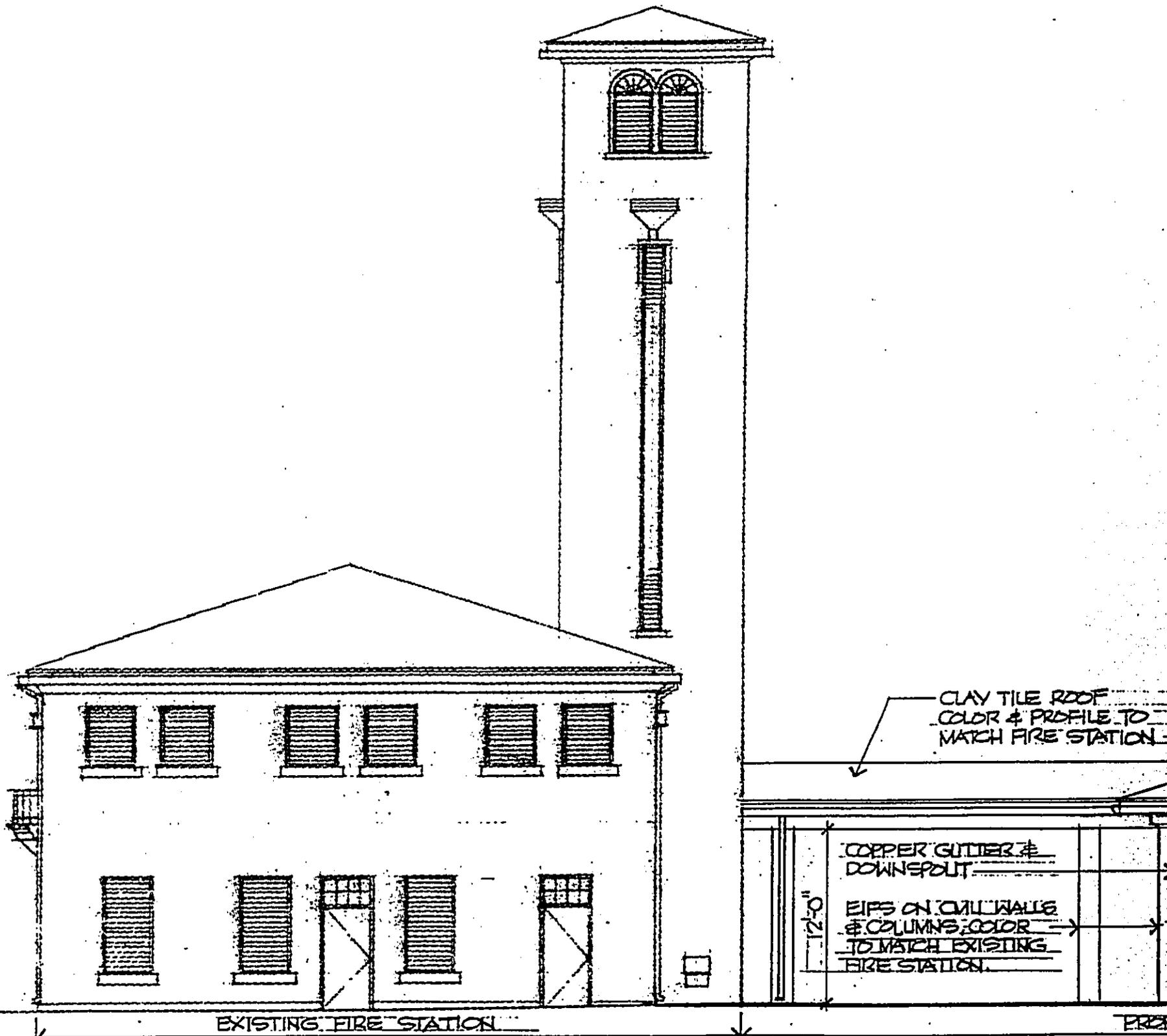
SITE PLAN

1" = 30'-0"

KALIHĪ FIRE STATION
T.M.K. : 1-3-05:22

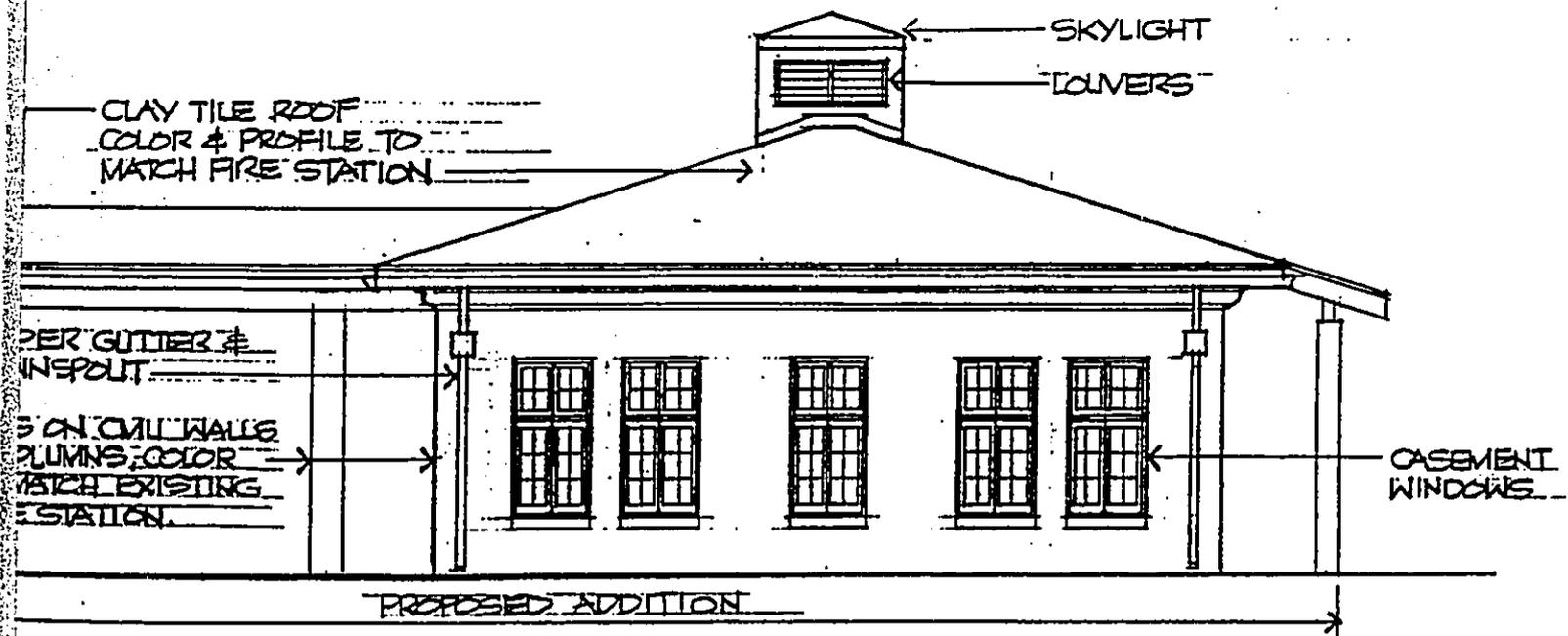


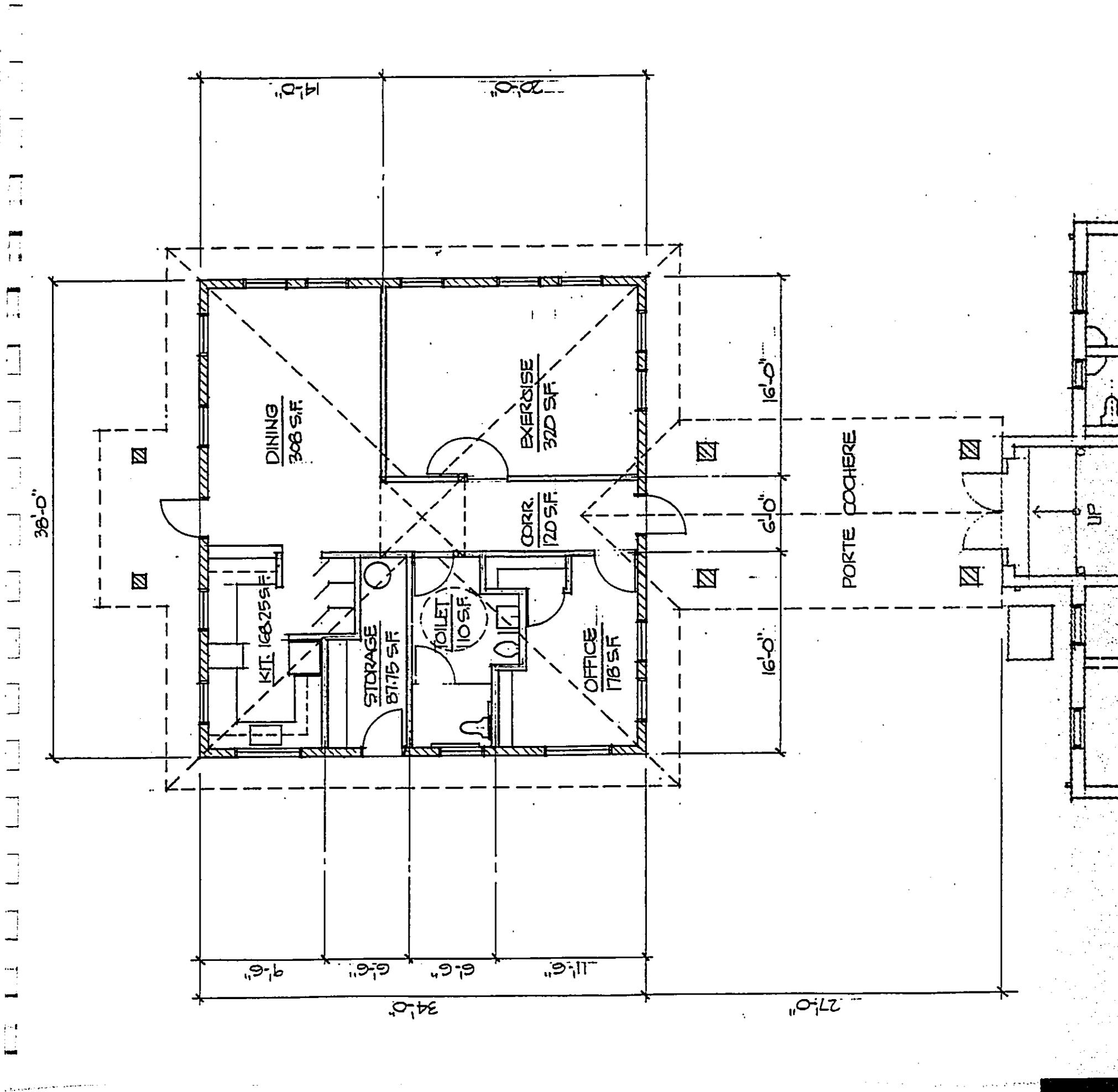
CS MAY 1992



EAST ELEVATION
78' x 65'

Figure 3





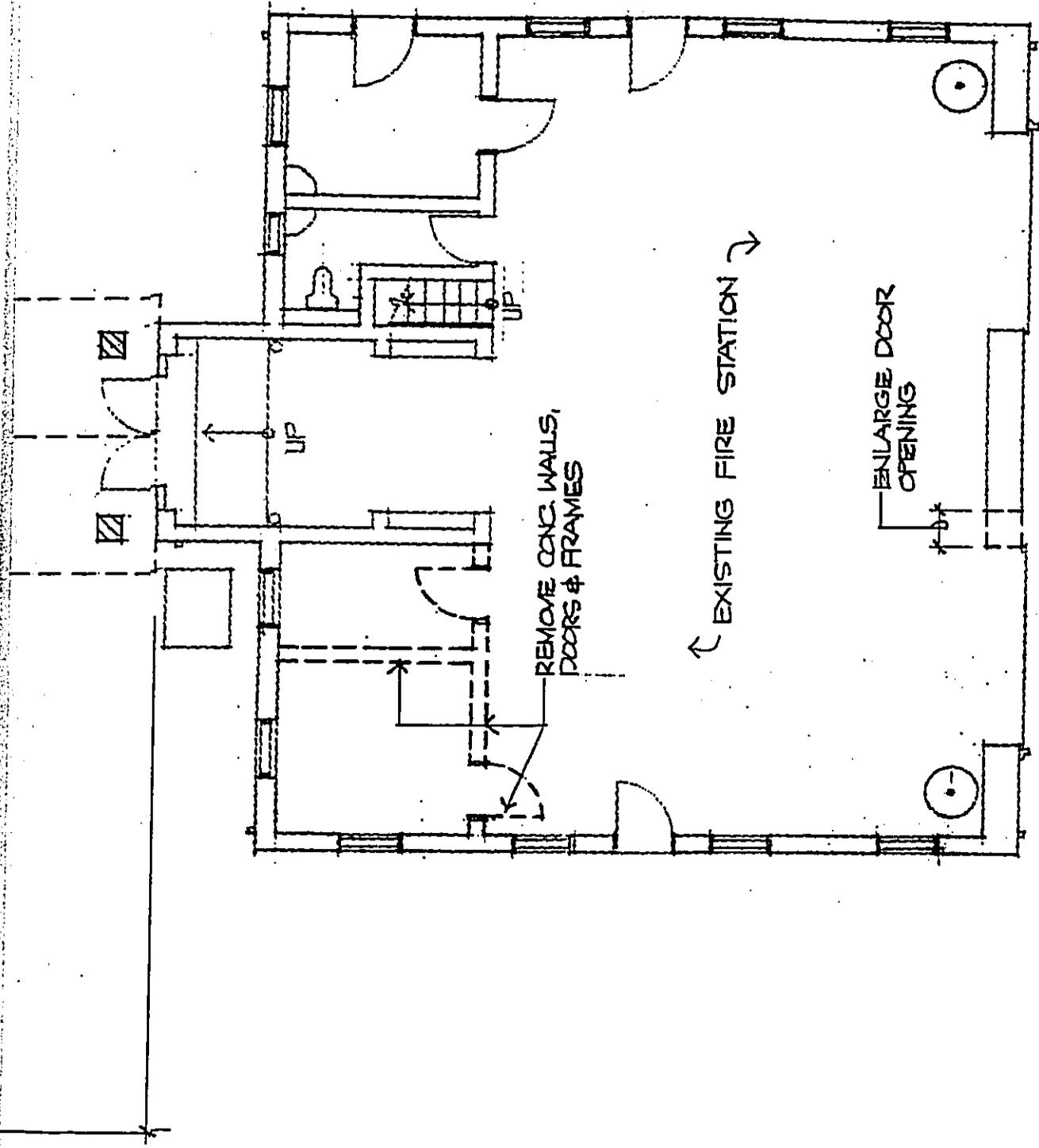


Figure 4

FLOOR PLAN

1/8" = 1'-0"

SECTION 2

DESCRIPTION OF THE AFFECTED ENVIRONMENT

A. Existing Use

The kitchen/exercise building was constructed in 1931 about seven years after the two-story Kalihi Fire Station was erected. The rectangular shaped building features a stucco facade and a red corrugated iron roof. The 815 square foot building houses the engine company kitchen, dining/meeting room, and storage. Both buildings were placed on the Hawaii and National Register of Historic Places in July, 1980 and December, 1980, respectively.

The structure is separated from and located to the left rear of the main building. There are no other structures on the premises. The rear of the station is primarily covered with asphalt paving and used for parking and court sports. The pavement is bordered on three sides by an 8-10 foot wide landscape strip.

Seventeen firefighters are assigned to Engine Company No. 6 which is based at the station and five or six men are on duty at all times. Their primary fire fighting apparatus is a 1,500 gallon per minute pumper. No emergency ambulances are assigned to the station.

Free blood pressure tests are given when the company is in quarters.

B. Surrounding Uses

Located at 1742 North King Street, the Kalihi Fire Station fronts on one of Honolulu's busiest thoroughfares. The station is flanked on both sides by commercial activities along King Street and residential dwellings to the side and rear of the property.

C. Topography

The site is relatively flat with a high elevation of 47 feet at the rear property line and a low of 44 feet at King Street. Cross slope averages 1%.

D. Soils

The site has been extensively modified and underlying soil material is probably a layered mixture of engineered fill and soil.

E. Drainage

The project site lacks a storm drainage system and drainage is by surface flow. The property slopes both mauka to makai and from center to sides. The man-made gradient directs surface flow away from and around the two buildings towards King Street and into the municipal storm drainage system.

F. Flood Hazard

Flood Insurance Rate Maps place the property in Zone X which is defined as "areas outside the 500 year flood plain" (Federal Emergency Management Agency, 1990).

G. Historical Significance

No archaeological or cultural features are recorded on the premises.

The Kalihi Fire Station is one of seven fire stations on Oahu which are on the Hawaii and National Registers of Historic Places. Five are still used as fire stations while the other two serve alternative uses. In nominating the stations to the historic registers, it was noted:

"Like schools, fire stations are one of the more prominent and vital public institutions within a community, and as such their buildings especially those which are historic, are important landmarks in an area. The Honolulu Fire Stations, with their tall towers, are distinctive and conspicuous elements within the architectural fabric of Oahu, and are historically significant for their association with the Honolulu Fire Department."

"Architecturally, the fire stations are significant in that they display styles typical of their period. The Spanish Mission style was popular in Hawaii and the mainland throughout the twenties, and the moderne style has ready associations with the thirties. The fire stations, with their tall hose drying towers, are a readily recognizable building type in Honolulu, and are noteworthy architectural elements within the community (United States Department of the Interior, 1979)."

The entrances to the fire station were modified in 1967 by adding the sliding doors.

H. Flora and Fauna

Vegetation consists of common groundcover, palms, and fruit trees such as grass, coconut palms (Cocos nucifera), mango (Mangifera indica), plumeria (Plumeria sp.), mock orange (Murraya exotica), and wedelia (Wedelia trilobata). All observed plant materials are common to Honolulu and the State of Hawaii.

No fauna were observed on the premises.

I. Land Use Controls

The Kalihi Fire Station is located on lands classified Urban by the State Land Use Commission. Land use controls for urban classified lands are the jurisdiction of the Counties. The General Plan for the City and County of Honolulu places the property in the Primary Urban Center and it is designated Public Facility on the Development Plan Land Use Map. No facility improvements for the premises are depicted on the Development Plan Public Facilities Map. The site is zoned BMX-3 with a 200 foot height limit. The property is not located within any Special District or the City delineated Special Management Area.

J. Public Services and Facilities

Municipal water, sewer, and drainage systems and overhead electrical and communication services are located along King Street. The existing station is serviced by these systems.

SECTION 3

SUMMARY OF POTENTIAL ENVIRONMENTAL IMPACTS AND MEASURES TO MITIGATE ADVERSE EFFECTS

A. Assessment Process

The scope of the project was discussed with staff of the Building Department, Fire Department administrators, the consulting architect, and others comprising the design team. State and County agencies were contacted for information relative to their areas of expertise. Time was spent in the field noting site conditions and conditions in the vicinity of the Kalihi Fire Station. The discussions and field investigations allowed us to identify existing conditions and features which could affect or be affected by the project. These conditions are:

- The new kitchen/exercise/office building will be constructed on the site of the existing station which has been at this location for 68 years;
- No change in public use is considered by the proposed action;
- The site has been modified extensively by the existing use;
- There are no threatened or endangered flora or fauna on the premises;
- Public utilities are available and adequate to service the new facility;
- The site is not prone to flooding; and
- The Kalihi Fire Station and the accessory building are registered historic structures.

B. Short-term Impacts

Prior to construction, utility service to the structure will be discontinued, water and sewer connections cut and plugged, and the structure razed. These activities should take approximately two weeks and will raise fugitive dust, create noise, and increase traffic on nearby King Street slightly as debris is hauled away from the site.

Fugitive dust can and will be controlled by sprinkling water over exposed areas or other dust suppression measures stipulated in Chapter 60 (Air Pollution Control) of Title 11, Administrative Rules of the the State Department of Health, may be employed.

Construction noises will persist for the projected 6 month construction period. These noises will be most pronounced during the early stages of development (demolition) to erection of the structure. Noise will diminish as interior work commences as most noise should be confined to inside the building. Noises should not adversely affect commercial activities fronting King Street because the project is proposed away from these activities. Residents living next to the fire station will be subject to construction noises

Allowable noise levels for commercial zoning districts set by the State Department of Health is 60 dBA measured at the property line. Construction work will temporarily exceed this limit and the Contractor will obtain a noise permit prior to construction. Construction will be limited to between the hours of 7:00 a.m. to 6:00 p.m., five days a week.

Applicant has secured the concurrence of the Department of Land and Natural Resources, Historic Sites Division to demolish the kitchen/exercise building (See Appendix A). Prior to demolition applicant will work with staff of the Historic Sites Division to photograph building features and the walls and doors of the interior of the Main Station for archival posterity.

Removing the fuel dispenser and its underground storage tank should reduce the potential for subsurface contamination. **The State Department of Health will be notified at least 30 days in advance of underground storage tank removal. Testing for hydrocarbon contamination has been performed and no detectable amounts of hydrocarbons above the reporting limits were recorded in the samples. The test report is included in Appendix B.** In the event evidence of leaked petroleum appears during tank removal, applicant will notify the State Department of Health and initiate corrective actions. All short and long-term actions will comply with Federal regulations and State guidelines to remediate potential subsurface contamination.

Asbestos has been found in the tiles of the kitchen/exercise building and plaster in the existing building. The tiles and plaster will be removed before demolition and the renovation work shall be done in accordance with applicable State and Federal regulations.

C. Long-term Impacts

The project should improve the safety and welfare of firefighters at the Kalihi Station. They would not have to contend with a deteriorating building, a cramped kitchen, and a multi-use dining/meeting room.

The public will be better served by the use of newer fire fighting apparatus. No change in response times to fire alarms, and manpower are anticipated as a result of the proposed project.

The proposed accessory structure has been designed to architecturally resemble the appearance of the existing fire station rather than duplicating (in appearance and construction material) the accessory structure. The exterior walls will be stuccoed like the existing structure but different treatment of the windows (casement versus jalousie), the use of roofing tile and a new roof line (a red tile gable roof rather than corrugated iron hip roof painted red), and the addition of a skylight should complement the Spanish Mission architectural character of the main building.

The project should not adversely affect existing public facilities and utility systems servicing the fire station. Significant increases in water consumption, wastewater flow, and power usage are not anticipated.

The overland drainage pattern may be altered slightly owing to the location of the proposed structure. The area surrounding the building will be graded to drain away from the building and to follow the existing direction of flow towards King Street.

SECTION 4

ALTERNATIVES TO THE PROPOSED ACTION

A. No Action

A no action alternative would preclude the occurrence of all impacts, short and long-term, beneficial and adverse described in this Assessment. For reasons presented in the purposes of the project, the no action alternative is not a desired course of action.

B. Alternative Design

Several design alternatives were developed by the consulting architect and evaluated and dismissed by the Building Department. An alternative design would not have resulted in environmental impacts differing significantly from short and long-term impacts presented in this Assessment. The layout and architectural treatment of the proposed accessory structure is the preferred alternative when measured in terms of design and cost considerations.

SECTION 5

CONSULTED AGENCIES AND ORGANIZATIONS

State

- *Department of Land and Natural Resources
Historic Sites Division
- Department of Health
- *Office of Environmental Quality Control

County

- Board of Water Supply
- *Department of General Planning
- *Department of Land Utilization
- *Department of Public Works
- *Department of Transportation Services
- *Fire Department
- *Police Department

Other

- *Hawaiian Electric Company
- Hawaiian Telephone
- Honorable Donna Kim, Honolulu City Council
- Kalihi-Palama Neighborhood Board No. 15
- Kalihi-Palama Businessmens Association

* Denotes consulted parties who responded in writing.

SECTION 6

DETERMINATION OF SIGNIFICANCE

Chapter 200 (Environmental Impact Statement Rules) of Title 11, Administrative Rules of the State Department of Health, establishes criteria for determining whether an action may have significant effects on the environment (11-200-12). The relationship of the proposed project to these criteria is discussed below.

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

The Kalihi Fire Station and the detached kitchen/exercise building are on the National and State Registers of Historic Places. The kitchen/exercise building, an aged, termite infested structure will be demolished and replaced by a new structure. The Historic Sites Division, Department of Land and Natural Resources concurs with the planned demolition and has requested photo documentation of the building and any historically significant interior portions as a mitigation measure. Applicant will comply with this recommendation

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

The project does not curtail the beneficial uses of the environment.

- 3) Conflicts with the state's long-term environmental policies or goals and guidelines as expressed in chapter 344, Hawaii Revised Statutes, and any revisions thereof and amendments thereto, court decisions or executive orders;

The project does not conflict with long-term environmental policies, goals, and guidelines of the State of Hawaii.

- 4) Substantially affects the economic or social welfare of the community or State;

The project does not substantially affect the economic or social welfare of the State but will improve working and living conditions for firefighters assigned to the Kalihi Station.

- 5) Substantially affects public health;

Public health will not be adversely affected by the proposed project.

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

Substantial secondary impacts are not anticipated.

- 7) Involves a substantial degradation of environmental quality;

The proposed project will not degrade environmental quality of the site and surrounding neighborhood.

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

The project is not the precursor for a larger action. However, the project is part of an on-going improvement program to upgrade fire fighting facilities in the City and County of Honolulu.

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

There are no rare, threatened or endangered flora or fauna on the premises.

- 10) Detrimentally affects air or water quality or ambient noise levels; or

Ambient air quality will be affected by fugitive dust and combustion emissions but can be controlled by measures stipulated in this Assessment. Construction noise will be pronounced during site preparation work but should diminish once the building is erected. All construction activities will comply with noise regulations of the State Department of Health.

- 11) Affects an environmentally sensitive area such as a flood plain, tsunami zone, erosion-prone area, geologically hazardous land, estuary, fresh water, or coastal waters.

The project is not located in an environmentally sensitive area.

Based on the above criteria and comments received during the Environmental Assessment review period, the Kalihi Fire Station Improvements project will not result in significant adverse environmental impacts and an Environmental Impact Statement is not required.

BIBLIOGRAPHY

Federal Emergency Management Agency. 1990. Flood Insurance Rate Map. City and County Honolulu.

U.S. Department of the Interior, National Park Service. 1979. Fire Stations on Oahu. National Register of Historic Places Inventory--Nomination Form.

APPENDIX A
LETTER OF CONCURRENCE

JOHN WADSWORTH
GOVERNOR OF HAWAII



STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES

STATE HISTORIC PRESERVATION DIVISION
33 SOUTH KING STREET, 6TH FLOOR
HONOLULU, HAWAII 96813

May 13, 1992

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

DEPUTIES

JOHN P. KEPPELER, II
DONA L. HANAKE

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

LOG NO.: 5329
DOC NO.: 920506co

Mr. Gary Koyama
Franklin Wong & Associates Limited
733 Bishop Street, Suite 2140
Honolulu, Hawaii 96813

Dear Mr. Koyama:

SUBJECT: Kalihi Fire Station Expansion
T.M.K. 1-3-05:22, Site No. 1346

Thank you for your submittal on May 8, 1992, regarding the Kalihi Fire Station. This proposal included the demolition of the existing kitchen building and the construction of a single story addition to the existing fire station. We concur with the project as presented with the following condition:

Prior to demolition of the kitchen/dining building, provide photo documentation of the building exterior and any historically significant interior portions. Photographs shall be 8" X 10" fiber based paper prints from 4" X 5" fine grained negatives. Both negatives and prints shall be processed with archival quality control methods.

Thank you for the opportunity to comment. If you have any questions, please contact Carol Ogata at 587-0004.

Sincerely,

DON HIBBARD, Administrator
State Historic Preservation Division

CO:aal

RECEIVED

MAY 14 1992

FRANKLIN WONG & ASSOCIATES, LTD.

APPENDIX B

HYDROCARBON CONTAMINATION TESTING RESULTS

HYDROCARBON CONTAMINATION TESTING RESULTS

KALIHI FIRE STATION

1742 NORTH KING STREET

HONOLULU, HAWAII

TMK: 1-3-05: 22

for

FRANKLIN WONG & ASSOCIATES, INC.

W.O. 92-2237.1
August 12, 1992

ERNEST K. HIRATA & ASSOCIATES, INC.

Soils and Foundation Engineering

Copyright © Ernest K. Hirata & Associates, Inc., August 12, 1992



ERNEST K. HIRATA & ASSOCIATES, INC.

Soils and Foundation Engineering

99-1433 Koaha Place • Aiea, Hawaii 96701-3279
Phone (808)486-0787 • FAX (808) 486-0870

ERNEST K. HIRATA P.E.
PAUL S. MORIMOTO P.E.
DAVID M. KITAMURA P.E.
JUNG K. KIM P.E.

August 12, 1992
W.O. 92-2237.1

Mr. Franklin Wong
Franklin Wong & Associates, Ltd.
733 Bishop Street, Suite 2140
Honolulu, Hawaii 96813

Dear Mr. Wong:

Re: Hydrocarbon Contamination Test Results
Kalihi Fire Station
1742 North King Street
Honolulu, Hawaii
TMK: 1-3-05: 22

The following presents the results of our hydrocarbon contamination testing performed for the above referenced project. Our work was performed in general conformance with the scope of work presented in our proposal dated May 5, 1992. The general location of the project site is shown on the enclosed Location Map, Plate 1.

Our field work for the project was conducted in conjunction with our foundation investigation for the proposed addition to the fire station. Two borings were drilled adjacent to the existing underground storage tank on June 29, 1992. Borings B1 and B2 were drilled to depths of 10 and 11.5 feet, respectively. The approximate boring locations are shown on the enclosed Boring Location Plan, Plate 2.

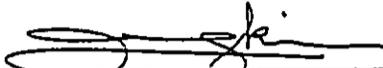
One soil sample was taken at the bottom of each boring and sent to Trace Analysis Laboratory, Inc. in Hayward, California for hydrocarbon testing. The samples were analyzed for Total Petroleum Hydrocarbons (TPH) as Gasoline, and for Benzene, Toluene, Ethyl Benzene, and Xylene (BTEX). No detectable amounts above the reporting limits were recorded in either of the samples. The test results are enclosed.

We appreciate this opportunity to be of service. Should you have any questions concerning the test results, please feel free to call on us.



Very truly yours,

Ernest K. Hirata & Associates, Inc.



Jung K. Kim, P.E.

JKK:SRC

Enc: Test Results
Location Map
Boring Location Plan

Plates A1 through A3
Plate 1
Plate 2

Trace Analysis Laboratory, Inc.

3423 Investment Boulevard, #8 • Hayward, California 94545

Telephone (510) 783-6960
Facsimile (510) 783-1512



July 23, 1992

Mr. Stacy Chee
Ernest K. Hirata and Associates
99-1433 Koaha Place
Aiea, Hawaii 96701

Dear Mr. Chee:

Trace Analysis Laboratory received two soil samples on July 1, 1992 for your Project No. 92-2237, Kalihi Fire Station (our custody log number 2268).

These samples were analyzed for Total Petroleum Hydrocarbons as Gasoline and Benzene, Toluene, Ethylbenzene and Xylenes. Our analytical report and a copy of the completed chain of custody form are enclosed for your review.

Trace Analysis Laboratory is certified under the California Environmental Laboratory Accreditation Program. Our certification number is 1199.

If you should have any questions or require additional information, please call me.

Sincerely yours,

A handwritten signature in cursive script, appearing to read 'Jennifer Pekol'.

Jennifer Pekol
Project Specialist

Enclosures

Trace Analysis Laboratory, Inc.
 3423 Investment Boulevard, #8 • Hayward, California 94545

Telephone (510) 783-6960
 Facsimile (510) 783-1512



LOG NUMBER: 2268
 DATE SAMPLED: 06/29/92
 DATE RECEIVED: 07/01/92
 DATE EXTRACTED: 07/02/92
 DATE ANALYZED: 07/06/92
 DATE REPORTED: 07/23/92

CUSTOMER: Ernest K. Hirata and Associates
 REQUESTER: Stacy Chee
 PROJECT: No. 92-2237, Kalihi Fire Station

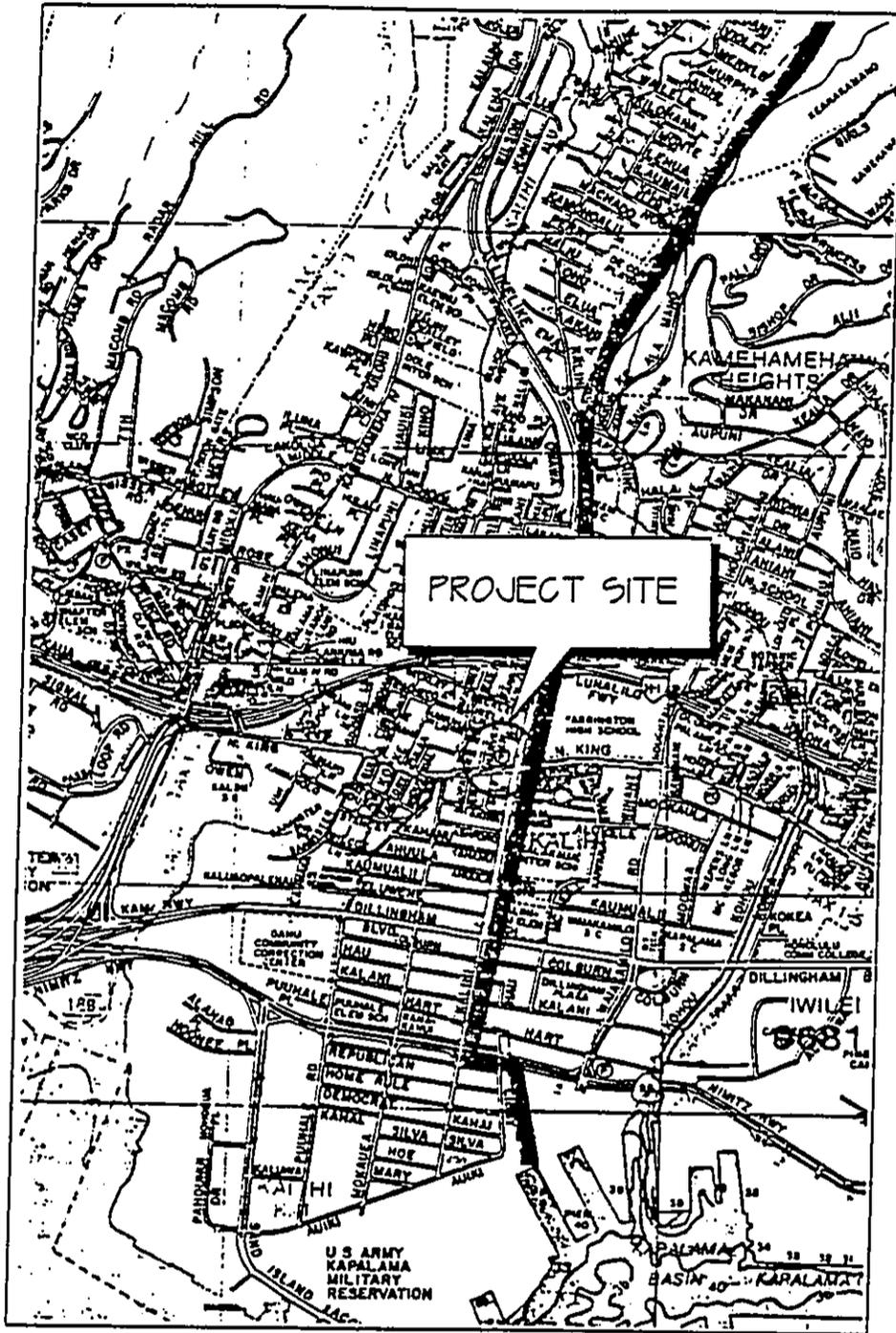
Sample Type: Soil

Method and Constituent:	Units	2237-81-9A		2237-82-10A		Method Blank	
		Concentration	Reporting Limit	Concentration	Reporting Limit	Concentration	Reporting Limit
DHS Method:							
Total Petroleum Hydrocarbons as Gasoline	ug/kg	ND	500	ND	500	ND	500
Modified EPA Method 8020 for:							
Benzene	ug/kg	ND	5.0	ND	5.0	5.8	5.0
Toluene	ug/kg	ND	5.0	ND	5.0	ND	5.0
Ethylbenzene	ug/kg	ND	5.0	ND	5.0	ND	5.0
Xylenes	ug/kg	ND	15	ND	15	ND	15

QC Summary:
 % Recovery: 77
 % RPD: 5.2

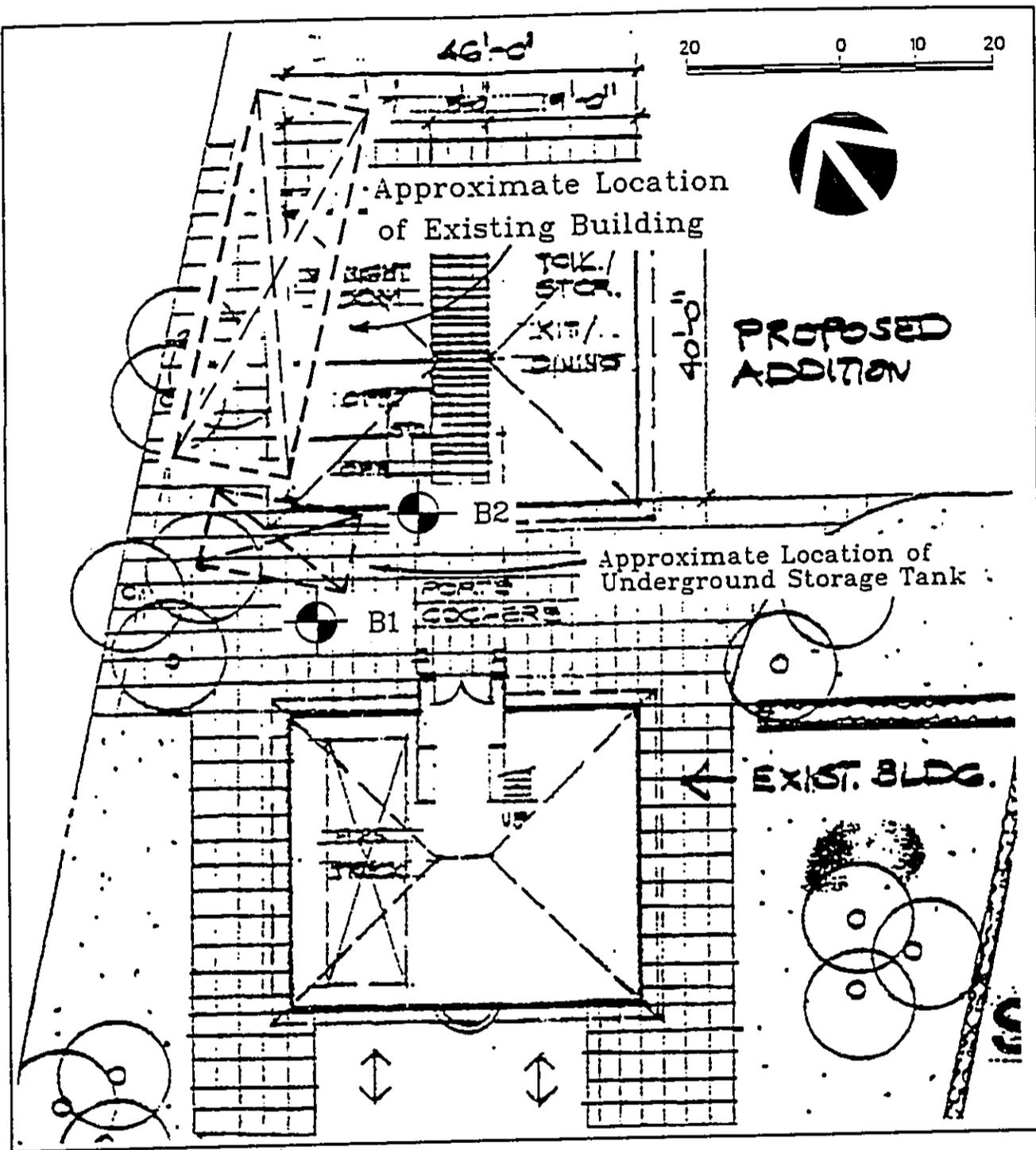
Concentrations reported as ND were not detected at or above the reporting limit.

Louis W. DuPuis
 Quality Assurance/Quality Control Manager



Reference: Bryan's Sectional Maps Oahu

W.O. 92-2237.1	Kalihi Fire Station - Hydrocarbon Testing
Ernest K. Hirata & Associates, Inc.	<p style="text-align: center;">LOCATION MAP</p> <p style="text-align: right;">Plate 1</p>



Reference: Site plan provided by Franklin Wong & Associates, Inc.

W.O. 92-2237.1	Kalihi Fire Station - Hydrocarbon Testing
Ernest K. Hirata & Associates, Inc.	BORING LOCATION PLAN Plate 2

APPENDIX C
COMMENTS AND RESPONSES

JOHN W. JAMES
GOVERNOR OF HAWAII



STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES

STATE HISTORIC PRESERVATION DIVISION
33 SOUTH KING STREET, 6TH FLOOR
HONOLULU, HAWAII 96813

August 28, 1992

Mr. Gerald Park
Urban Planner
1245 Young Street, Suite 201
Honolulu, Hawaii 96814

Dear Mr. Park:

SUBJECT: Kaili Fire Station Expansion
T.M.K. 1-3-05:22, Site No. 1346

Thank you for your Draft Environmental Assessment submittal on 20 August 1992, regarding the Kaili Fire Station. In Section 3, Summary of Potential Environmental Impacts and Measures to Mitigate Adverse Effects, under B., Short-Term Impacts should be clarified. The demolition of the existing building is considered an adverse effect and the mitigation measure is the photo documentation.

We also request that the walls and doors on the interior of the Main Fire Station building that are proposed to be demolished be photo documented at the same time

Thank you for the opportunity to comment. If you have any questions, please contact Carol O'gala at 587-0004.

Sincerely,

DON HIBBARD, Administrator
State Historic Preservation Division

CO:aal

RECEIVED
10/14/92
STATE HISTORIC PRESERVATION DIVISION
DEPARTMENT OF LAND AND NATURAL RESOURCES

DEPUTY
JOHN P. GERRITZ
DONA L. NAWALE
AGRICULTURE DEVELOPMENT PROGRAM
ADULTIC RESOURCES CONSERVATION AND CONSERVATION AFFAIRS
CONSERVATION AND RESOURCES ENFORCEMENT
CONSERVATION DIVISION
AGRICULTURE AND WILDLIFE RESTORATION DIVISION
LAND MANAGEMENT STATE PARKS
WATER AND LAND DEVELOPMENT

LOG NO.: 6160
DOC NO.: 920819co

October 14, 1992

Don Hibbard
Administrator
State Historic Preservation Division
Department of Land and Natural Resources
State of Hawaii
33 South King Street, 6th Floor
Honolulu, Hawaii 96813

Dear Mr. Hibbard:

Subject: Kaili Fire Station Improvements
(Log No.: 6160/Doc No.: 920819 co)

Thank you for reviewing the draft Environmental Assessment for the subject project. We will revise the Assessment to indicate that demolition of the existing building is considered an adverse effect and photo documentation is the mitigation measure.

As requested, the walls and doors of the interior of the Main Station will be photo documented.

Sincerely,

GERALD PARK URBAN PLANNER

Gerald Park

cc: M. Lee, Building Department
G. Koyama, FWA



GERALD PARK Urban Planner

1245
Young Street
Suite 201
Honolulu, HI 96814
Tel: (808)
513-0018

urbanplanner

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R 9/2/92

STATE OF HAWAII
DEPARTMENT OF ENVIRONMENTAL QUALITY CONTROL



STATE OF HAWAII
OFFICE OF ENVIRONMENTAL QUALITY CONTROL
126 SOUTH KING STREET
FOURTH FLOOR
HONOLULU, HAWAII 96813
TELEPHONE 808/534-1106

September 9, 1992

Mr. Melvin Lea
City and County of Honolulu
Building Department
650 South King Street
Honolulu, Hawaii 96813

Dear Mr. Lee:

Subject: Draft Environmental Assessment for the Kalihi Fire Station Improvements, Honolulu, Oahu

Thank you for the opportunity to review the subject draft environmental assessment. We have no comments to offer.

Sincerely,

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

c: Gerald Park Urban Planner

DEPARTMENT OF TRANSPORTATION SERVICES
CITY AND COUNTY OF HONOLULU

HONOLULU MUNICIPAL ENGINEERING
370 SOUTH KING STREET
HONOLULU, HAWAII 96813



PERMIT FILE
SECTION

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R 9/2/92

JOSEPH M. MAGALDI, JR.
DIRECTOR

ANDREW SAPPAL
DEPUTY DIRECTOR

TE-3651
PL92.1.304

September 8, 1992

Mr. Gerald Park
Gerald Park Urban Planner
1245 Young Street, Suite 201
Honolulu, Hawaii 96814

Dear Mr. Park:

Subject: Kalihi Fire Station Improvements
Draft Environmental Assessment
TMK: 1-3-05: 22

This is in response to your letter of August 20, 1992 requesting our comments on the subject environmental assessment.

Based on our review, we have no comments or objections to the proposed improvements at this time.

Sincerely,

Joseph M. Magaldi, Jr.
JOSEPH M. MAGALDI, JR.
Director

DEPARTMENT OF LAND UTILIZATION
CITY AND COUNTY OF HONOLULU

480 SOUTH KING STREET
HONOLULU, HAWAII 96814



FRANK PISA
NOTES

RECEIVED
9/16/92

DONALD A. CLEGG
DIRECTOR
LORETTA C. CHOI
ADMINISTRATIVE
92-2518 (JT)

September 14, 1992

Mr. Gerald Park
1245 Young Street, Suite 201
Honolulu, Hawaii 96814

Dear Mr. Park:

Draft Environmental Assessment (DEA)
Kalihii Fire Station Improvements - Kalihii
Tax Map Key: 1-3-5: 22

Thank you for the opportunity to comment on the above project.

We have reviewed the DEA and offer the following comment. The DEA (Page 11, Paragraph 3) should clarify that removing the fuel dispenser and underground storage tank should address any subsurface contamination. State and Federal regulations require that the applicant notify the State Department of Health (DOH), Solid and Hazardous Waste Branch, Underground Storage Tank Section at least 30 days in advance of underground storage tank removal. Testing for contamination is required even before tank removal.

Should you have any questions, please contact Joan Takano of our staff at 527-5038.

Very truly yours,

DONALD A. CLEGG
Director of Land Utilization

DAC:ct

kalihifs.jht

October 14, 1992

Donald Clegg
Director
Department of Land Utilization
City and County of Honolulu
650 South King Street
Honolulu, Hawaii 96813

Dear Mr. Clegg:

Subject: Kalihii Fire Station Improvements
(92-2518 JT)

Thank you for reviewing the draft Environmental Assessment prepared for the subject project. We will clarify the statement concerning removing the fuel dispenser and underground storage tank.

Testing for hydrocarbon contamination has been performed and the test results will be appended to the final EA. Soil samples were tested for Total Petroleum Hydrocarbons as Gasoline and for Benzene, Toluene, Ethyl Benzene, and Xylene. No detectable amounts above the reporting limits were recorded in the samples.

Sincerely,

GERALD PARK URBAN PLANNER

Gerald Park

cc: M. Lee, Building Department
G. Koyama, FWA



GERALD PARK URBAN PLANNER

1245
Young Street
Suite 201
Honolulu, HI 96814
Tel. (808)
533-0019

Urban Planning

FIRE DEPARTMENT
CITY AND COUNTY OF HONOLULU
1433 SOUTH BERTZELMANN STREET, ROOM 301
HONOLULU, HAWAII 96814



FRANK P. PLEU
DIRECTOR

RECEIVED
10/15/92

LOUIS E. CHANG
FIRE CHIEF
DONALD S. M. CHANG
DEPUTY FIRE CHIEF

September 15, 1992

Mr. Gerald Park
Urban Planner
1245 Young Street, Suite 201
Honolulu, Hawaii 96814

Dear Mr. Park:

Draft Environmental Assessment for
Kalihi Fire Station Improvements
Kalihi, Oahu, Hawaii

We have reviewed your draft environmental assessment for Kalihi Fire Station improvements and have made our comments in red on the attached draft.

Should you have any questions, please contact Assistant Chief Attilio Leonardi of our Administrative Services Bureau at 943-3838.

Sincerely,

DONALD S. M. CHANG
Acting Fire Chief

AKL:ny

Attachment

October 14, 1992

Donald S.M. Chang
Acting Fire Chief
Fire Department
City and County of Honolulu
1455 South Beretania Street
Room 305
Honolulu, Hawaii 96814

Dear Chief Chang:

Subject: Kalihi Fire Station Improvements

Thank you for reviewing the draft Environmental Assessment prepared for the subject project. We will correct our error in reporting the lot area (should read 27,700 sf rather than 22,700 sf). In addition, we will revise the statement "No emergency vehicles are assigned to the station" on page 7 to read "No emergency ambulances are assigned to the station".

Sincerely,

GERALD PARK URBAN PLANNER

Gerald Park

cc: M. Lee, Building Department
G. Koyama, FWA

GERALD PARK, Urban Planner

1245
Young Street
Suite 201
Honolulu, HI 96814
PH: (808)
533-0018
Urban Planning

DEPARTMENT OF PUBLIC WORKS
CITY AND COUNTY OF HONOLULU

480 SOUTH KING STREET
HONOLULU, HAWAII 96813



GERALD PARK
URBAN PLANNER

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10/16/92

C. MICHAEL STREET
DIRECTOR AND CHIEF ENGINEER
FELIX B. LINTIACO
DEPUTY DIRECTOR

ENV 92-226

September 16, 1992

Mr. Gerald Park
Urban Planner
1245 Young Street, Suite 201
Honolulu, Hawaii 96814

Dear Mr. Park:

Subject: Draft Environmental Assessment (DEA)
Kalihl Fire Station Improvements
TRK:l-j-05:22

We have reviewed the subject DEA and have the following comments:

1. Roadway improvements within the City's right-of-way should be constructed in accordance with City standards.
2. The municipal sewer system is available and adequate to accommodate the proposed improvements.

Very truly yours,

C. Michael Street
C. MICHAEL STREET
Director and Chief Engineer

October 14, 1992

C. Michael Street
Director and Chief Engineer
Department of Public Works
City and County of Honolulu
650 South King Street
Honolulu, Hawaii 96813

Dear Mr. Street:

Subject: Kalihl Fire Station Improvements
(ENV 92-226)

Thank you for reviewing the draft Environmental Assessment prepared for the subject project. The project does not involve work within the City right-of-way. Construction plans will be submitted to your Department for review and approval.

Sincerely,

GERALD PARK URBAN PLANNER

Gerald Park

Gerald Park

cc: M. Lee, Building Department
G. Koyama, FWA



GERALD PARK Urban Planner

1245
Young Street
Suite 201
Honolulu, HI 96814
451-0800
533-0018

DEPARTMENT OF GENERAL PLANNING
CITY AND COUNTY OF HONOLULU
140 SOUTH KING STREET
HONOLULU, HAWAII 96813



BENJAMIN B. JEE
CHIEF PLANNING OFFICER
ROLAND D. LIBBY, JR.
DEPUTY CHIEF PLANNING OFFICER

TH 8/92-2520

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9/27/92

September 28, 1992



WILSON A. BONNET
Manager
Environmental Department

September 25, 1992

Mr. Gerald Park
Gerald Park Urban Planner
1245 Young Street, Suite 201
Honolulu, Hawaii 96814

Dear Mr. Park:

Draft Environmental Assessment (DEA) for
Kalihī Fire Station Improvements, Kalihī, Oahu, Hawaii

In response to your letter of August 20, 1992, we have reviewed the subject DEA and offer the following comments:

We have no objections to the proposed project. The proposed project is located within the Kalihī-Palama Special Area of the Development Plan Special Provisions for the Primary Urban Center. We are currently preparing urban design and beautification plans for this area of Kalihī. We, therefore, request that you continue to coordinate with us to ensure that proposed improvements would be consistent with goals and objectives of the urban design plan.

Thank you for the opportunity to comment on this matter. Should you have any questions, please contact Tim Hata of our staff at 527-6070.

Sincerely,

Benjamin B. Jee
BENJAMIN B. JEE
Chief Planning Officer

BBL:js

Mr. Gerald Park
Gerald Park Urban Planner
1245 Young Street, Suite 201
Honolulu, HI 96814

Dear Mr. Park:

Subject: Draft Environmental Assessment (DEA) for
Kalihī Fire Station Improvements
Kalihī, Oahu, Hawaii

We have reviewed the subject DEA and have no comment on the proposed project. HECO shall reserve further comment regarding the protection of existing powerlines bordering and servicing the proposed project area until construction plans are finalized.

Sincerely,

Wilson A. Bonnet

An HEI Company

POLICE DEPARTMENT
CITY AND COUNTY OF HONOLULU

801 SOUTH BERETANIA STREET
HONOLULU, HAWAII 96813 - AREA CODE (808) 529-3111

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10/2/92

FRANK F. FASI
MAYOR



MICHAEL S. NAKAMURA
CHIEF

HAROLD M. KAWASAKI
DEPUTY CHIEF

OUR REFERENCE KN-TL

September 29, 1992

Mr. Gerald Park
Gerald Park Urban Planner
1245 Young Street, Suite 201
Honolulu, Hawaii 96814

Dear Mr. Park:

Subject: DRAFT ENVIRONMENTAL ASSESSMENT FOR
KALIHI FIRE STATION IMPROVEMENTS
KALIHI, OAHU, HAWAII

We have reviewed the materials for the above subject and find that the proposed Kalihi Fire Station improvements will not significantly impact police services provided for that area.

Thank you for the opportunity to comment.

Sincerely,

MICHAEL S. NAKAMURA
Chief of Police

By 
WILSON SULLIVAN
Acting Assistant Chief of Police
Support Services Bureau