

DEPARTMENT OF COMMUNITY SERVICES
CITY AND COUNTY OF HONOLULU

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RECEIVED

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'03 FEB 11 A9:51

February 10, 2003

OFFICE OF ENVIRONMENTAL
QUALITY CONTROL

Ms. Genevieve Salmonson, Director
Office of Environmental Quality Control
235 South Beretania Street, Suite 702
Honolulu, Hawai'i 96813

Dear Ms. Salmonson:

Subject: Finding of No Significant Impact (FONSI) for Kalihi YMCA
TMK 1-6-24:04, Honolulu, O'ahu, Hawai'i

The Department of Community Services has reviewed the comments received during the 30-day public comment period which began on November 23, 2002 OEQC Environmental Notice. The agency has determined that this project will not have significant environmental effects and has issued a FONSI. Please publish this notice in the February 23, 2003 OEQC Environmental Notice.

We have enclosed a completed OEQC Publication Form and four copies of the final EA. Please call Paul Kobata at 592-8626 if you have any questions.

Sincerely,

A handwritten signature in black ink, appearing to read "Michael T. Amii".

MICHAEL T. AMII
Director

MTA:ds

Enclosures

2003-02-23-0A-FEA

FEB 23 2003

FILE COPY



(Kalihi YMCA)

Final Environmental Assessment/
Finding of No Significant Impact
(TMK 1-6-24:04)

Prepared for:
Young Men's Christian Association (YMCA)
of Honolulu

Prepared by:



February 2003



Kalihi YMCA

Final Environment Assessment/
Finding of No Significant Impact
(TMK 1-6-24:04)

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February 2003

KALIHI YMCA
Final Environmental Assessment/Finding of No Significant Impact

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1.0 INTRODUCTION

This Environmental Assessment (EA) has been prepared in compliance with the environmental review requirements of 24 Code of Federal Regulations (CFR) 58 and the environmental requirements of Chapter 343, *Hawai'i Revised Statutes* (HRS) for proposed improvements to the Kalihi Young Men's Christian Association (YMCA).

1.1 PROJECT SUMMARY

Project Name: Kalihi YMCA

Applicant: Young Men's Christian Association (YMCA) of Honolulu

Landowner: Young Men's Christian Association (YMCA) of Honolulu

Location: 1335 Kalihi Street, Honolulu, Hawaii, 96819

Tax Map Key: 1-6-24:04

Existing Use: One existing building used in support of the services of the Kalihi YMCA. Facilities include meeting rooms, offices, a multi-purpose room, and parking.

Proposed Action: Expansion of the current services of the YMCA, which will include: construction of a new 28,000± square foot building, parking for 51 cars, and landscaping.

Project Area: 21,824 square feet (approximately .5 acres)

Land Use Designations: State Land Use: Urban
Zoning: Community Business District (B-2)

SMA: The subject property is not in the SMA

Actions Requested: Compliance with 24 CFR 58
Compliance with Chapter 343, *Hawai'i Revised Statutes*

Approving Agency: City and County of Honolulu, Department of Community Services

Anticipated Determination: Finding of No Significant Impact (FONSI)

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1.2 LOCATION

The Kalihi YMCA is located in Kalihi adjacent to the Bishop Museum and the Kalihi-Palama Public Library (Figure 1) and consists of one parcel identified as TMK: 1-6-24:04 (Figure 2). This area is part of the Primary Urban Center Development Plan area.

1.3 LAND OWNERSHIP

The landowner is the Young Men's Christian Association (YMCA) of Honolulu.

1.4 IDENTIFICATION OF APPLICANT

The applicant is the Young Men's Christian Association (YMCA) of Honolulu.

1.5 IDENTIFICATION OF APPROVING AGENCY

The approving agency is the City and County of Honolulu Department of Community Services.

1.6 IDENTIFICATION OF AGENCIES CONSULTED

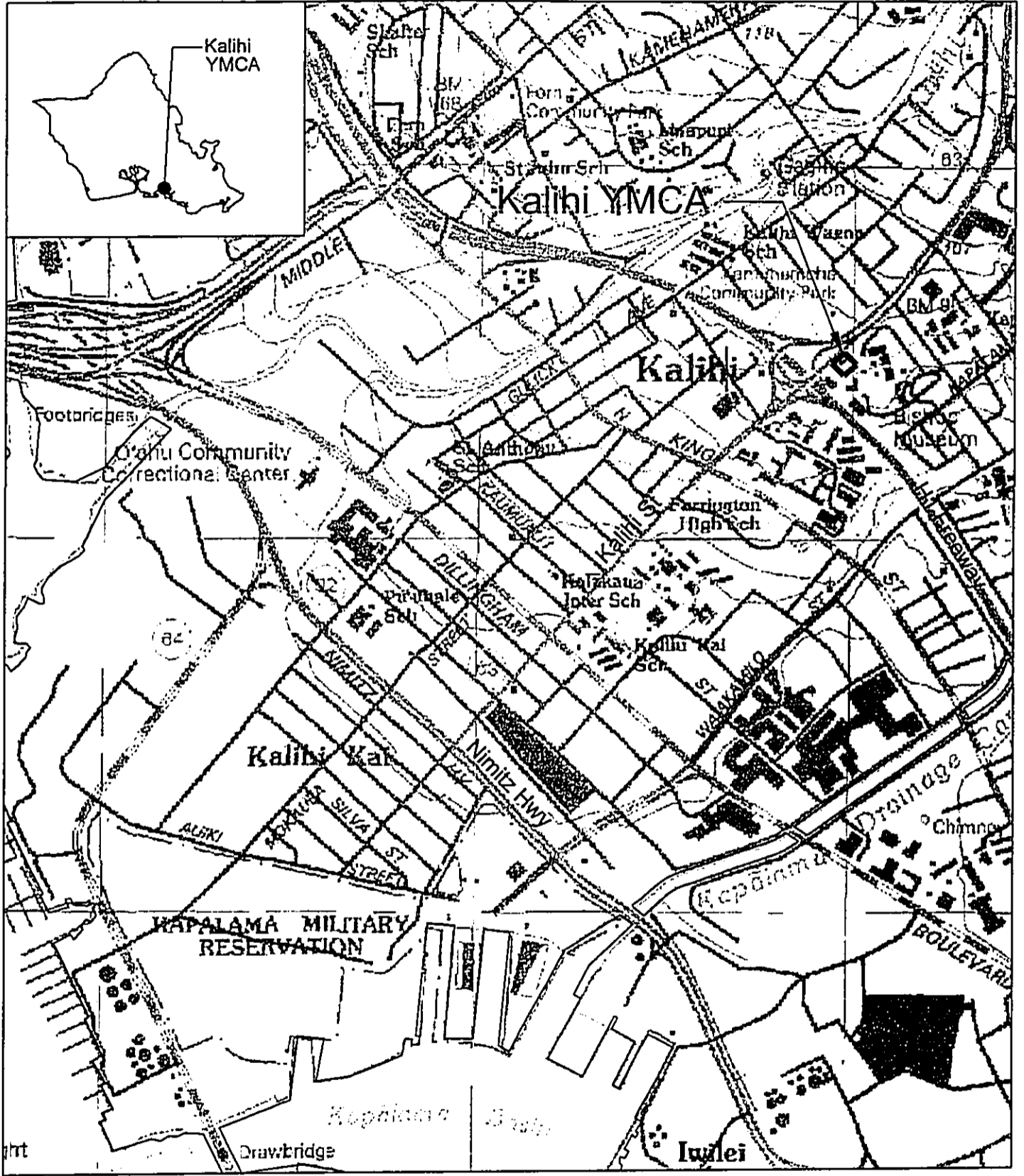
In the course of preparing this environmental assessment, the following agencies (or agency documents and maps), community organizations and individuals were consulted and/or provided information.

CITY AND COUNTY OF HONOLULU

Board of Water Supply
Department of Community Services
Fire Department
Department of Parks and Recreation
Department of Planning and Permitting
Police Department
Kalihi-Palama Neighborhood Board No. 16
Kalihi Valley Neighborhood Board No. 15

STATE AGENCIES

Department of Business Economic Development and Tourism, Hawaii Coastal Zone Management Program
Department of Business Economic Development and Tourism, Office of Planning
Office of Environmental Quality Control
Office of Hawaiian Affairs
Department of Health
Department of Land and Natural Resources, State Historic Preservation Division



LEGEND

[Shaded Box] Kalihi YMCA

Figure 1
Regional Location Map

Kalihi YMCA

NORTH

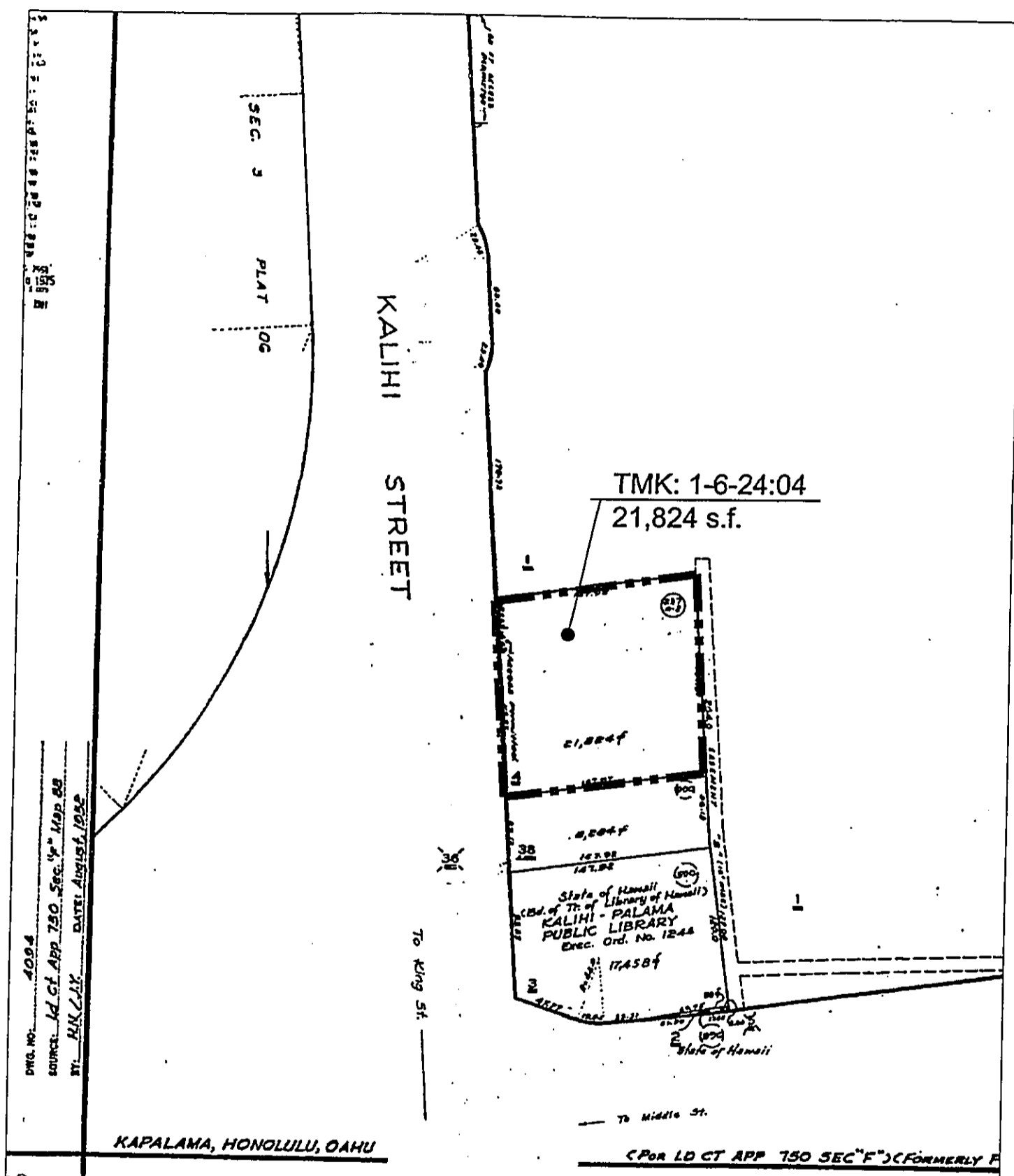
LINEAL SCALE (FEET)

600 0 1,200

PBR
HAWAII

Kalihi, Oahu

Source: City and County of Honolulu



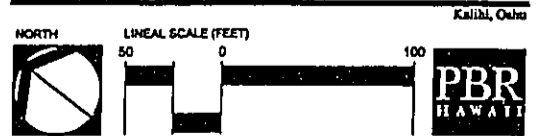
LEGEND

Kalihī YMCA

Source: -State of Hawaii, Department of Finance
 -City and County of Honolulu

Figure 2
 Tax Map Key

Kalihī YMCA



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FEDERAL AGENCIES

US Department of Agriculture, Natural Resources Conservation Service
US Department of the Interior, Fish and Wildlife Service
US Department of Housing and Urban Development

COMMUNITY ORGANIZATIONS AND INDIVIDUALS

Kalihi Business Association
Kalihi Palama Community Council
Outdoor Circle

1.7 ENVIRONMENTAL REQUIREMENTS

This draft environmental assessment has been prepared in accordance and compliance with the environmental requirements of:

- 24 CFR 58
- The State of Hawai'i Environmental Impact Statement Law, Chapter 343, HRS

Specifically, this draft environmental assessment is being prepared in compliance with 24 CFR 58 because the YMCA of Honolulu will be receiving a Community Development Block Grant and a direct grant (Economic Development Initiative) for the proposed Kalihi YMCA facility. This draft environmental assessment also is being prepared in compliance the State of Hawai'i Environmental Impact Statement Law (Chapter 343, HRS) because the State will be contributing funding to the project.

Because Chapter 343, HRS is applicable to the project, this environmental assessment has been prepared to identify whether "significant environmental effects" will result from the proposed Kalihi YMCA facility. According to the Department of Health Rules which are governed by Chapter 343, HRS implementation, if "significant environmental effects" are not identified by an environmental assessment, preparation of a full environmental impact statement is not required, and a "finding of no significant impact" is issued by the approving authority. Otherwise, a notice of preparation is issued and processing of a full environmental impact statement is required.

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2.0 PROJECT DESCRIPTION, OBJECTIVE, & NEED

This section provides background information, identifies the project's goals and objectives, describes the proposed improvements, and delineates construction activities and approximate costs.

2.1 BACKGROUND INFORMATION

The YMCA of Honolulu (parent organization of the Kalihi YMCA) is a non-profit, community service organization established in Hawai'i in 1869. During 2000, the YMCA had 86,000 participants in nearly 100 programs delivered through nine branches located throughout O'ahu. The YMCA of Honolulu's annual budget is \$18 million. The organization has 160 full-time employees, 800 part-time employees, and 2,600 volunteers. More than 300 community volunteers serve on the YMCA of Honolulu's corporate and branch boards.

The Kalihi YMCA is one of the YMCA of Honolulu's nine branches. The original Kalihi YMCA building was constructed in 1952 on a 30,108 square foot lot leased from Bishop Estate (now Kamehameha Schools). In 1963, the City and County of Honolulu took part of the land and about half of the original building for a parking lot for the Kalihi-Palama Library. To replace the part of the building which was demolished, new rooms were built on the mauka end. The total cost of replacement was shared by the State of Hawaii, the YMCA of Honolulu and Bishop Estate. The land that was "taken" is identified as TMK: 1-6-24:38, which consists of 8,284 square feet. While the Kalihi YMCA was able to purchase its current lot (TMK:1-6-24: 4, consisting of 21,824 square feet) in 1966, no major capital improvements have been made since 1963.

The current service area of the Kalihi YMCA is the Kalihi-Palama area. It is within walking distance of Farrington High School, Dole Middle School, and Kalakaua Middle School, and the surrounding residential areas. It also serves 10 to 18 year olds who live or got to school in Waipahu/Ewa, Aiea/Aliamanu, and Kalihi/Palama through its Youth Service Center outreach program. The Kalihi YMCA currently offers the following programs:

- Before school and Holiday Fun/Intersession programs at elementary schools
- Summer Fun
- After school teen drop-in program
- Youth Service Center
- Kokua Mau Lima Youth Mentoring Project
- Family Program with monthly activities
- 21st Century Community Learning Centers Program
- Gear Up college preparatory program
- Substance abuse treatment services
- Youth Sports (flag football)
- Substance abuse prevention programs for teens

The Kalihi YMCA currently serves approximately 150 teenagers and children.

2.2 SURROUNDING USES

The property is surrounded on three sides by the Bishop Museum and the Kalihi-Palama Public Library. The fourth side is bordered by Kalihi Street (two lanes, one-way).

2.3 NEED AND OBJECTIVE

The primary function of the Kalihi YMCA is to outreach teens throughout the island (mostly in the communities they live in - the teens don't have to go to the Kalihi YMCA), but during the summer, the Kalihi YMCA also provides programs for area children. However, during the summer, teen programs at the Kalihi YMCA facility itself (not its efforts outside of the facility) are limited, because the current facility is only about 6,000 square feet in size. Programs provided have doubled and tripled in size, with no additional space for teens or staff. The potential to expand services to the children from the Kalihi neighborhood remains strong. The objective of the project is to provide a facility that would allow both teen outreach programs and programs for children to occur simultaneously. The building, when completed, will not result in additional staff or children and teens served.

2.4 PROJECT DESCRIPTION

The proposed improvements to the Kalihi YMCA subject to this environmental assessment involve the construction of a new facility at the current location to improve and expand services.

The current plans that are subject to this environmental assessment are to:

- Construct a new 28,000± square foot building to include a teen "drop-in center", counseling rooms, teen staff room, teen activity room, teen health & wellness center, restrooms, crafts room, computer lab, youth classroom, youth activity room, conference room, and administrative offices.
- Provide parking for 51 cars, with two ingress/egress points.
- Re-landscape the entire site.

For a site plan and project rendering see Figures 3a and 3b.

2.5 APPROXIMATE COST AND SCHEDULE

The approximate cost for proposed improvements to the Kalihi YMCA is \$4.5 million. All proposed improvements are expected to be implemented in one phase. Current plans are for construction to start after funding has been granted and approvals have been obtained.

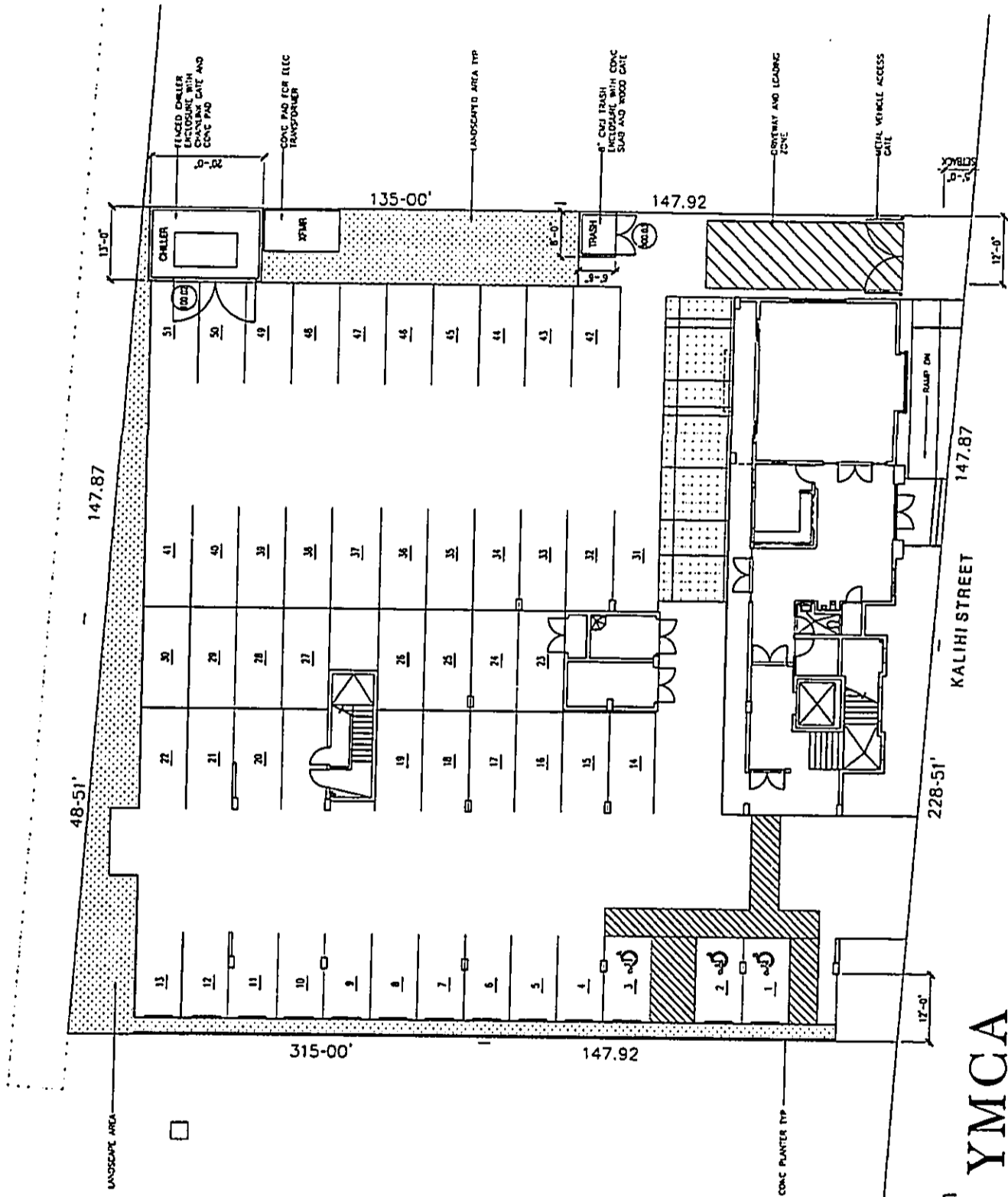
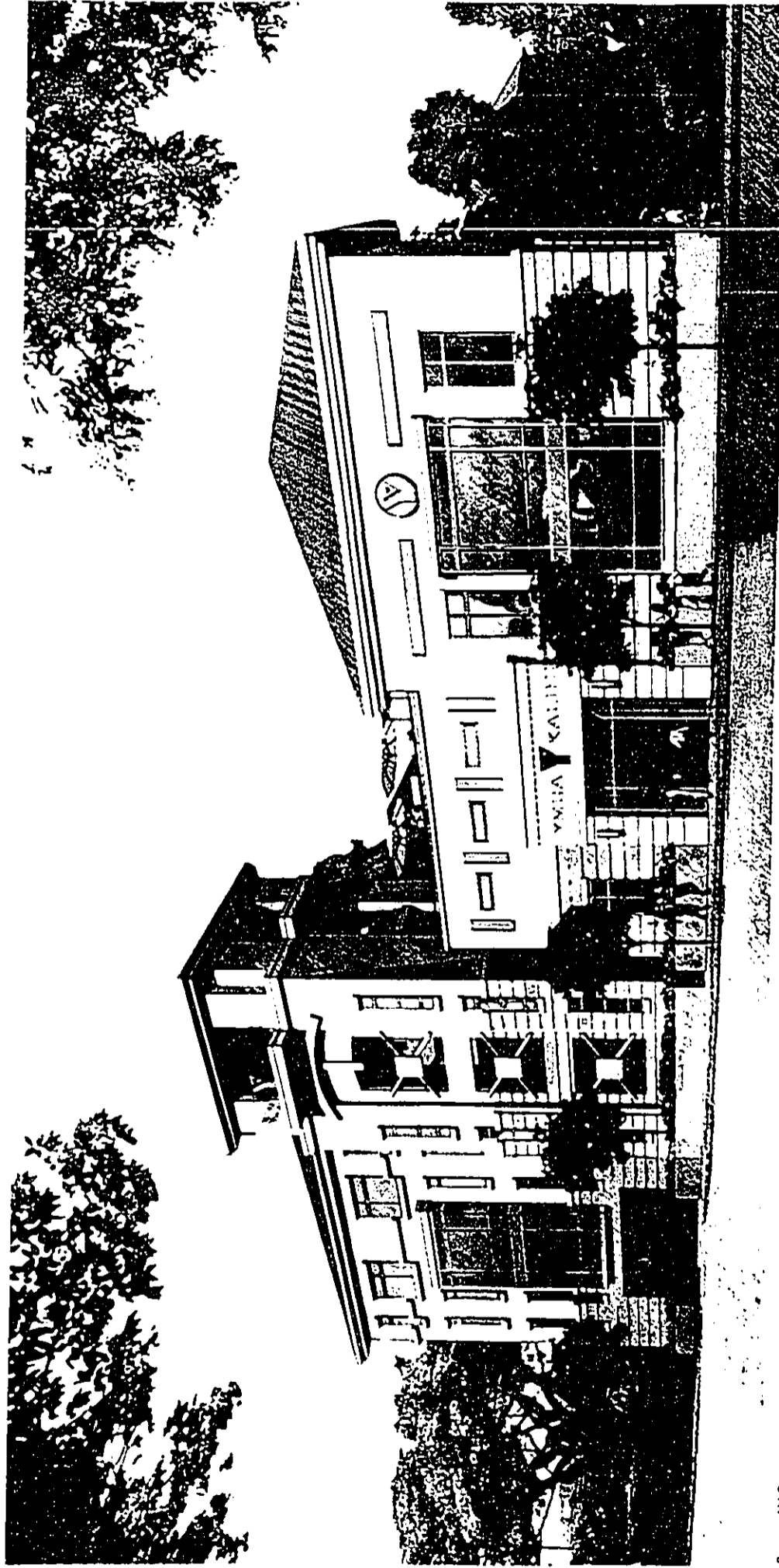


Figure 3A
Project Site Plan
KALIHII YMCA



Source: AM Partners



Source: AM Partners

Figure 3B
Project Rendering
KALIHĪ YMCA



2.6 SUSTAINABLE BUILDING DESIGN

The Office of Environmental Quality Control has issued "Guidelines for Sustainable Building Design in Hawai'i: A planner's checklist" (OEQC May 1999) and has requested that consideration be made in applying sustainable building techniques to projects. The OEQC Guidelines state that "[a] sustainable building is built to minimize energy use, expense, waste and impact on the environment. It seeks to improve the region's sustainability by meeting the needs of Hawai'i's residents and visitors today without compromising the needs of future generations."

In support of sustainable design the following will be considered in planning the proposed Kalihi YMCA building:

- 1) Building envelope insulation and tinted window glazing to reduce thermal heat gain, which reduces the HVAC load/size;
- 2) Electric light ballast;
- 3) Durable building materials to reduce maintenance requirements;
- 4) Water conserving plumbing fixtures; and
- 5) Indigenous and Polynesian introduced plants for use in landscaping.

Where appropriate, other techniques from "Guidelines for Sustainable Building Design in Hawai'i: A planner's checklist" will be considered for inclusion in the proposed Kalihi YMCA improvements.

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3.0 LAND USE CONFORMANCE

The State of Hawai'i and the City and County of Honolulu land use plans, policies, and ordinances relevant to the Kalihi YMCA are described below.

3.1 STATE OF HAWAI'I

3.1.1 State Land Use District

Chapter 205, HRS, establishes the State Land Use Commission (LUC) and gives this body the authority to designate all lands in the State into one of four districts: Urban, Rural, Agriculture, or Conservation. The Kalihi YMCA property is located within the Urban district.

Chapter 205, HRS, also delegates uses in the Urban district to the County, however the Land Use Commission's rules state, in part: "[the Urban district] shall include land characterized by 'city-like' concentrations of people, structures, streets, urban level of services and other related land uses." As such, the proposed Kalihi YMCA improvements are consistent with the Urban district, and no reclassification is required to implement the proposed project.

3.2 CITY AND COUNTY OF HONOLULU

Relevant land use plans of the City and County of Honolulu that pertain to the Kalihi YMCA include the *General Plan* and the *Primary Urban Center Development Plan*.

3.2.1 General Plan

As required by the City Charter, the General Plan for the City and County of Honolulu serves two purposes. The first is a statement of the long-range social, economic, environmental and design objectives for the general welfare and prosperity of the people of O'ahu. Second, the General Plan is a statement of broad policies that facilitate the attainment of the objectives of the plan.

The Kalihi YMCA is in accord with the following General Plan policies:

Policy VII. Physical Development and Urban Design

Objective A, Policy 5: Provide for more compact development and intensive use of urban lands where compatible with the social character of existing communities.

Objective F. To promote and enhance the social and physical character of O'ahu's older towns and neighborhoods.

Policy IX. Health and Education

Objective B, Policy 2: Encourage the provision of informal educational programs for people of all age groups.

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Objective D, Policy 10: Encourage the private provision of recreation and leisure-time facilities and services.

Discussion: The proposed Kalihi YMCA improvements conform to many of the objectives and policies of the General Plan, by providing social, educational, and recreational programs and services in an established, older and lower income community.

3.2.2 Current Development Plan and Proposed Primary Urban Center Development Plan

The City and County Development Plans (DPs) represent eight geographic regions that include all areas of O'ahu. Kalihi is located in the area designated as Primary Urban Center. The corresponding development plan for this area is the *Primary Urban Center Development Plan*.

Before 1992, the City Charter required DPs to be "relatively detailed plans" for implementing and accomplishing the development objectives and policies of the General Plan. In 1992, a Charter amendment changed this to require the DPs to consist of "conceptual schemes."

In response to the 1992 Charter amendments, the City and County Department of Planning (now the Department of Planning and Permitting) launched a thorough review of all eight DPs to bring them into conformance with the Charter-mandated conceptual orientation. Of the eight documents, the plans for Ewa and the Primary Urban Center—areas to which growth and supporting facilities will be directed over the next twenty years—have been titled "Development Plans." A draft of the proposed *Primary Urban Center Development Plan* was issued in May 2002.

3.2.2.1 Current Development Plan

The current *Primary Urban Center Development Plan* includes two parts—text and maps. The text portion also contains two parts: 1) common provisions that are common to all unrevised pre-1992 O'ahu development plan areas, and 2) special provisions that are specific to Primary Urban Center and include descriptions, urban design principles, controls and development priorities.

Those sections of the DP Common Provisions and Special Provisions that are applicable to the proposed improvements are listed and discussed below.

Common Provisions

Sec. 24-1.4 *General urban design principles and controls*

Discussion: The proposed Kalihi YMCA improvements are in compliance with the general urban design principles specified in the Development Plan Common provisions. Specifically, the proposed project meets requirements for:

- 1) Landscaping to be provided along vehicular arterials and collector streets to increase the general attractiveness of the community;

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- 2) New development in existing communities to be limited to that which is compatible with or enhances the desired physical and social character and lifestyle;
- 3) Encouragement of greater social interaction within communities;

Special Provisions

Sec. 24-2.1 Area Description

Discussion: The visual impact of the proposed structure along Kalihi Street shall be minimized through the use of appropriate plantings along its front facade.

Sec. 24-2.2 Urban Design Principles and Controls for the Primary Urban Center

Discussion: As recommended in this section of the Development Plan, the proposed building will not exceed 60 feet height, except the elevator machine rooms, which has an anticipated height of 63 feet maximum.

Development Plan Maps

The current *Primary Urban Center Development Plan* also includes two map elements: 1) the Land Use Map, which defines the area and distributes the various land uses in a manner that implements the General Plan objectives and policies; and 2) the Public Facilities Map, which identifies planned public and private facilities and infrastructure.

Discussion: The *Primary Urban Center Development Plan* Land Use Map identifies the site as "Commercial". The *Primary Urban Center Development Plan* Public Facilities Map does not identify any specific uses on the site of the Kalihi YMCA. Therefore the Kalihi YMCA is not inconsistent with both maps.

3.2.2.2 Proposed Development Plan

As mandated by the City Charter, the proposed *Primary Urban Center Development Plan* is more conceptual in nature. It includes vision statements, policies, and guidelines to direct the development and improvement of the Primary Urban Center. Pertinent sections applicable to the proposed Kalihi YMCA improvements include the following:

"Livable neighborhoods have business districts, parks and plazas, and walkable streets."

Discussion: The proposed project involves the enhancement of an existing facility which provides both recreational and social programs for Kalihi residents within walking distance of a large residential area.

"Cultivate existing and new 'neighborhood centers.'"

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Discussion: The proposed project is an improvement of an existing "neighborhood center." Implementation of the proposed project will allow the YMCA of Honolulu to provide existing children and teen programs simultaneously, and enhance the Kalihi YMCA's role as a "neighborhood center."

3.3 KALIHI-PALAMA ACTION PLAN

In 1998, the City and County of Honolulu created the 21st Century Visioning Process. The Visioning Process was created in direct response to a need to bring residents, business leaders and local government together to improve Honolulu's neighborhoods at the grassroots level. In a cooperative effort, 19 vision teams develop and update vision statements, concepts, and priorities. Based on this direction, capital improvement projects are determined and funded by an equal budget allocation for each of the vision teams. The project site is located within the Vision District No. 6, Kalihi-Palama. The only Vision Project listed for Vision District No. 6 within Fiscal Year 2002 is the King Street Improvements - Phase II. The Vision statement for this project is as follows:

"Continue to revitalize the King Street Corridor through Kalihi-Palama, through the implementation of thoughtful planning & design ideas, to promote beautification, improve infrastructure, stimulate economic growth, preserve historic integrity and increase community awareness and participation."

Discussion: As the Kalihi YMCA site is not located within the King Street Corridor, no impacts are expected to King Street Improvements project. However, the proposed Kalihi YMCA project will result in improvements to a portion of Kalihi Street, which will result in beautifying and increasing community pride in Kalihi.

The Community Vision Group 6's vision for Kalihi-Palama, includes the following statements:

"We value the beauty, history and cultural diversity of Kalihi."

Discussion: The proposed Kalihi YMCA project will help to promote and maintain a sense of community and neighborhood.

"We value recreational opportunities within our community."

Discussion: The proposed Kalihi YMCA will provide more sports and recreational activities.

"We treasure our youth and are dedicated to helping them create a bright future."

The YMCA of Honolulu respects youth as a viable community resource and creates opportunities for their contributions.

3.4 LAND USE ORDINANCE

The Land Use Ordinance (LUO) (Chapter 21, Revised Ordinances of Honolulu) is the City and County of Honolulu's zoning ordinance. Besides zoning regulations, the LUO contains ordinances regulating the use of land and regulations intended to ensure that adequate controls and review mechanisms are in place for proposed land uses.

Discussion: The Kalihi YMCA site is zoned Business (B-2) (Figure 4). According to the LUO (Section 21-3.110): "The intent of the B-2 community business district is to provide areas for community-wide business establishments, serving several neighborhoods and offering a wider range of uses than is permitted in the B-1 district." For zoning purposes the Kalihi YMCA is considered a meeting facility, which are defined in the LUO as: "permanent facilities for recreation, social or multipurpose use. These may be for organizations operating on a membership basis for the promotion of members' mutual interests or may be primarily intended for community purposes." Meeting facilities are a permitted use in the B-2 district.

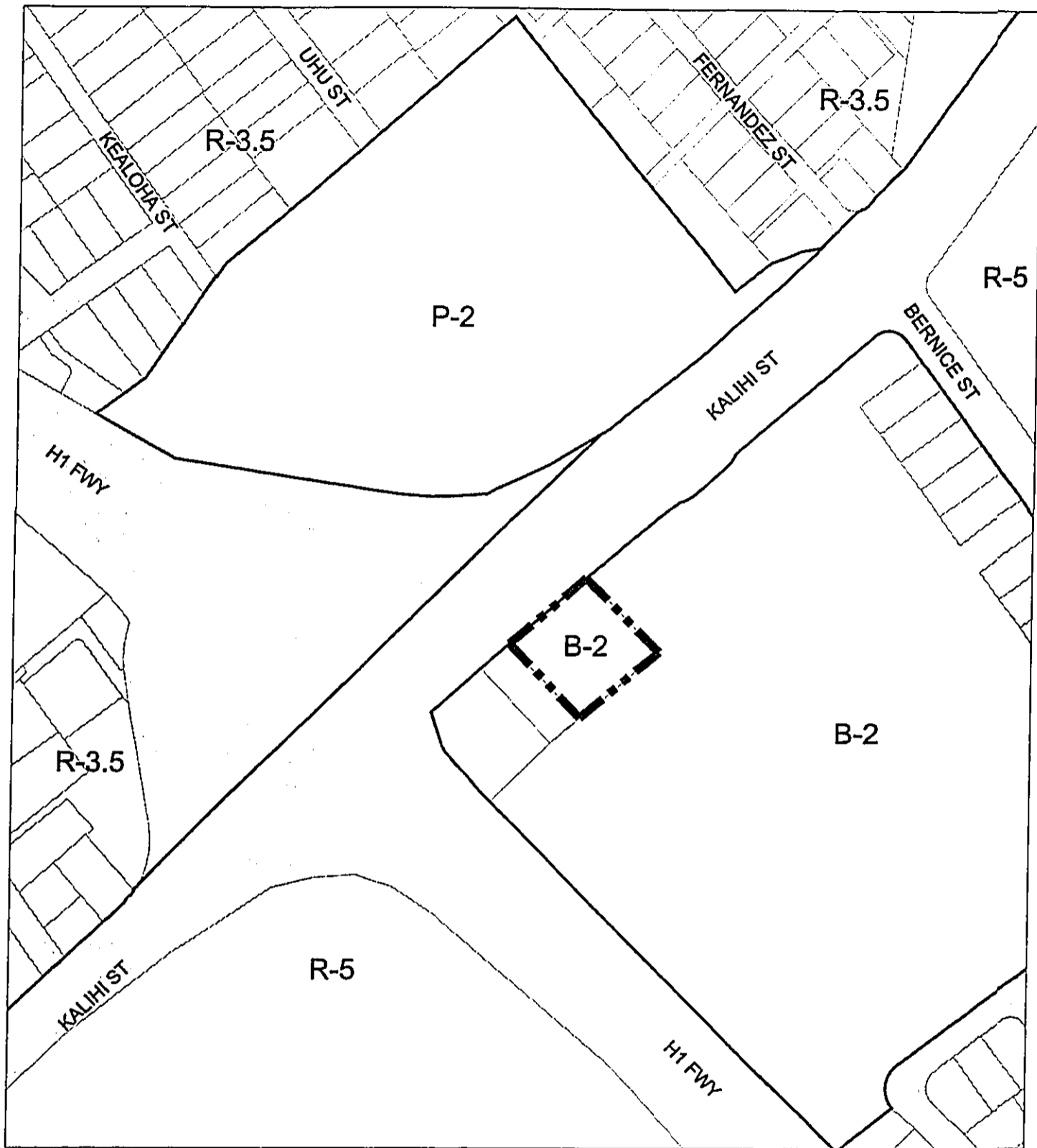
The proposed building requires a total of 85 parking spaces. There will be approximately 51 parking spaces provided on the site. Thus, the parking will be nonconforming. The proposed new facilities will lack 34 required parking spaces. As a result, a Variance from Land Use Ordinance Section 21-6.20 (Table 21-6.1) relating to off-street parking regulations is required. An application will be processed pending successful approval of this Environmental Assessment.

3.5 LIST OF PERMITS



The following permits will be required as part of the project:

**Table 1
Required Permits and Approvals**

Permit/Approval	Responsible Agency
Zoning Variance	Department of Planning and Permitting
ADA Accessibility	Disability and Communication Access Board
Building Permit for Building, Electrical, Plumbing, Sidewalk/Driveway and Demolition work	Department of Planning and Permitting
Grubbing, Grading, and Stockpiling Permit	Department of Planning and Permitting
Places of Assembly	Honolulu Fire Department
Sewer Connection Permits	Department of Planning and Permitting
Water	Board of Water Supply



LEGEND

-  Kalihi YMCA
-  County Zoning Boundary
- B-2: Community Business
- P-2: General Preservation
- R-3.5: Residential
- R-5: Residential

Source: City and County of Honolulu

Figure 4
County Zoning

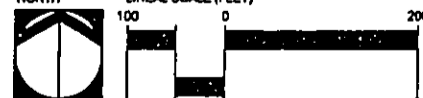
Kalihi YMCA

Kalihi, Oahu

NORTH

LINEAL SCALE (FEET)

100 0 200



PBR
HAWAII

KALIHI YMCA
Final Environmental Assessment/Finding of No Significant Impact

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4.0 DESCRIPTION OF THE AFFECTED ENVIRONMENT, POTENTIAL IMPACTS OF THE PROPOSED ACTION, AND MITIGATIVE MEASURES

The environment surrounding the Kalihi YMCA includes the physical or natural environment and the human or social environment. This section describes the existing conditions, potential impacts to the environment, and mitigative measures.

4.1 24 CFR 58 ENVIRONMENTAL REQUIREMENTS

Because the YMCA of Honolulu will be receiving a Community Development Block Grant for the proposed Kalihi YMCA improvements, this draft environmental assessment is being prepared in compliance with 24 CFR 58. The following information is provided in fulfillment of the requirements of the HUD Statutory Worksheet (Appendix A).

4.1.1 Coastal Barrier Resources/Coastal Zones

The site of the Kalihi YMCA is not located within a coastal barrier designated on a current FEMA flood map or a Department of Interior coastal barrier resources map.

The proposed improvements to the Kalihi YMCA are consistent with the Hawai'i Coastal Zone Management (CZM) program and meet the criteria of the general consistency certification approved by the State of Hawai'i Department of Business, Economic Development, and Tourism (Appendix B).

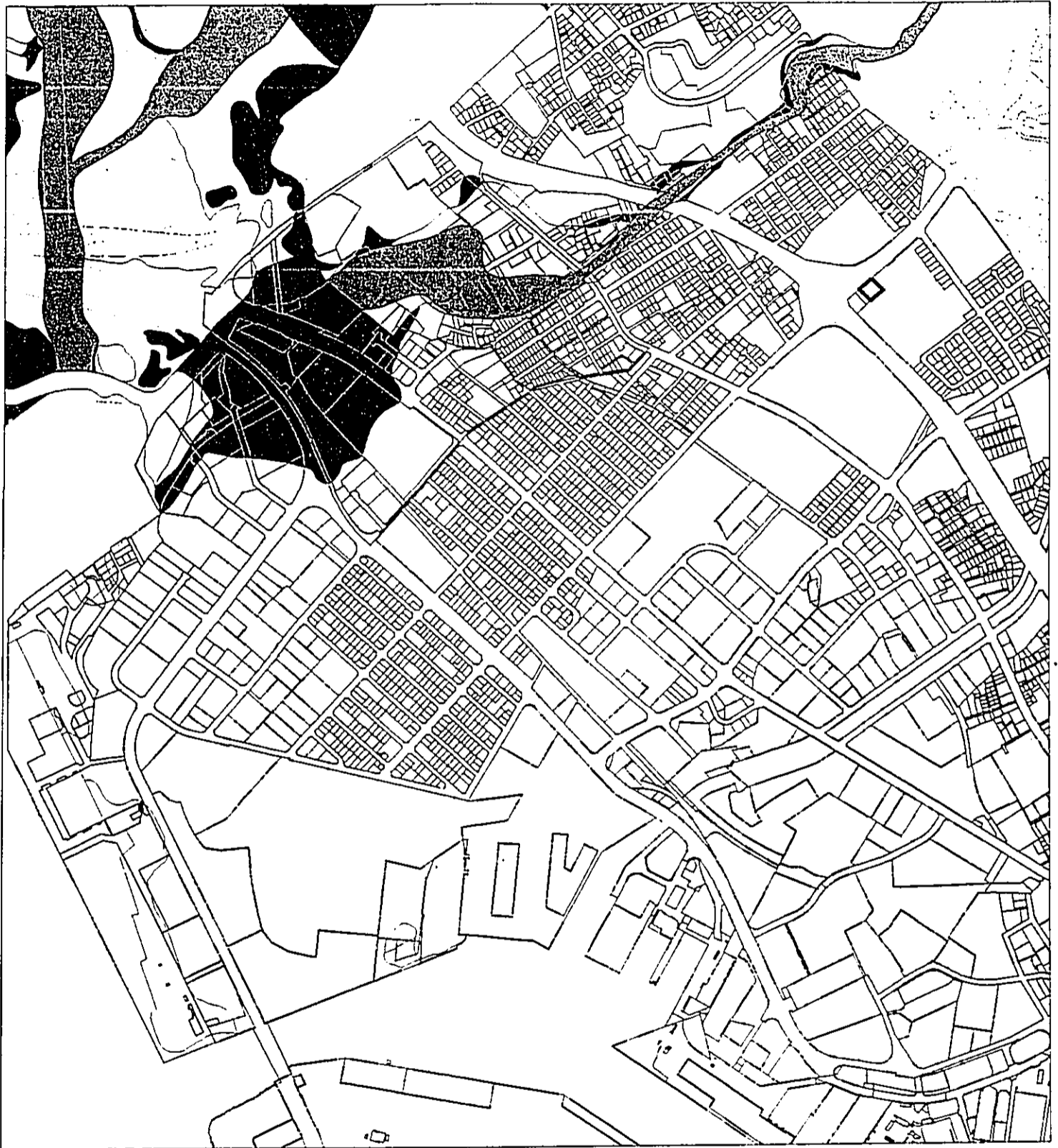
Potential Impacts and Mitigative Measures

Because the Kalihi YMCA is not located within a coastal barrier designated on a current FEMA flood map or a Department of Interior coastal barrier resources map, the proposed improvements will have no impact on coastal barrier resources and no mitigative measures are proposed.

Because the proposed improvements to the Kalihi YMCA are consistent with the Hawai'i Coastal Zone Management (CZM) program and meet the criteria of the general consistency certification approved by the State of Hawai'i Department of Business, Economic Development, and Tourism, no impacts to coastal zones are anticipated and no mitigative measures are proposed.

4.1.2 Floodplain Management

As identified by the Federal Insurance Rate Map (FIRM) (Figure 5) (City and County of Honolulu 150001, Panel 0353E, November 20, 2000) the Kalihi YMCA is located outside of the 500-year floodplain boundary and outside of the floodway boundary. It is within "Zone X." The Zone X designation indicates areas determined to be outside the 500-year floodplain.



Legend








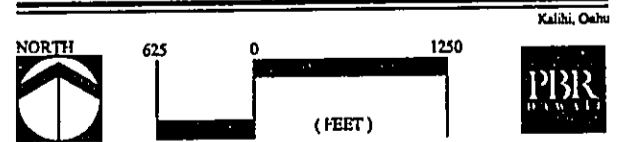
-  Kalihi YMCA
-  Zone X: Outside 100-year and 500-year floodplains
-  Zone AO: Inside 100-year floodplain
-  Zone D: Undetermined flood hazards
-  Zone XS: Minimal flood hazards
-  Zone AE: Inside 100-year floodplains
(base flood elevations determined)
-  Zone AEF: Inside 100-year floodplains
(base flood elevations determined)

Figure 5
Flood Insurance Rate Map
Kalihi YMCA



Source: Flood Insurance Rate Map

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Potential Impacts and Mitigative Measures

Because the Kalihi YMCA is located in an area outside the 500-year floodplain, the proposed improvements are not expected to: 1) be highly susceptible to flooding; 2) change the 500-year floodplain; or 3) affect the floodway.

4.1.3 Historic Preservation/Historic Properties

The current facility was originally constructed in 1952 and altered significantly in 1963.

Potential Impacts and Mitigative Measures

Since the original building was over 50 years old, a Section 106 Review (NHPA) was conducted. SHPD has concurred with the determination that no historic properties would be affected (Appendix C)

4.1.4 Noise/Noise Abatement

As shown on Figure 6, the Kalihi YMCA is located over 4.5 miles from Hickam Air Force Base and over two miles from Honolulu International Airport.

Current sources of noise near the Kalihi YMCA include vehicle traffic along Kalihi Street. There are no residential uses adjacent to the property. None of the existing or proposed uses for the new YMCA facility are noise sensitive uses.

Potential Impacts and Mitigative Measures

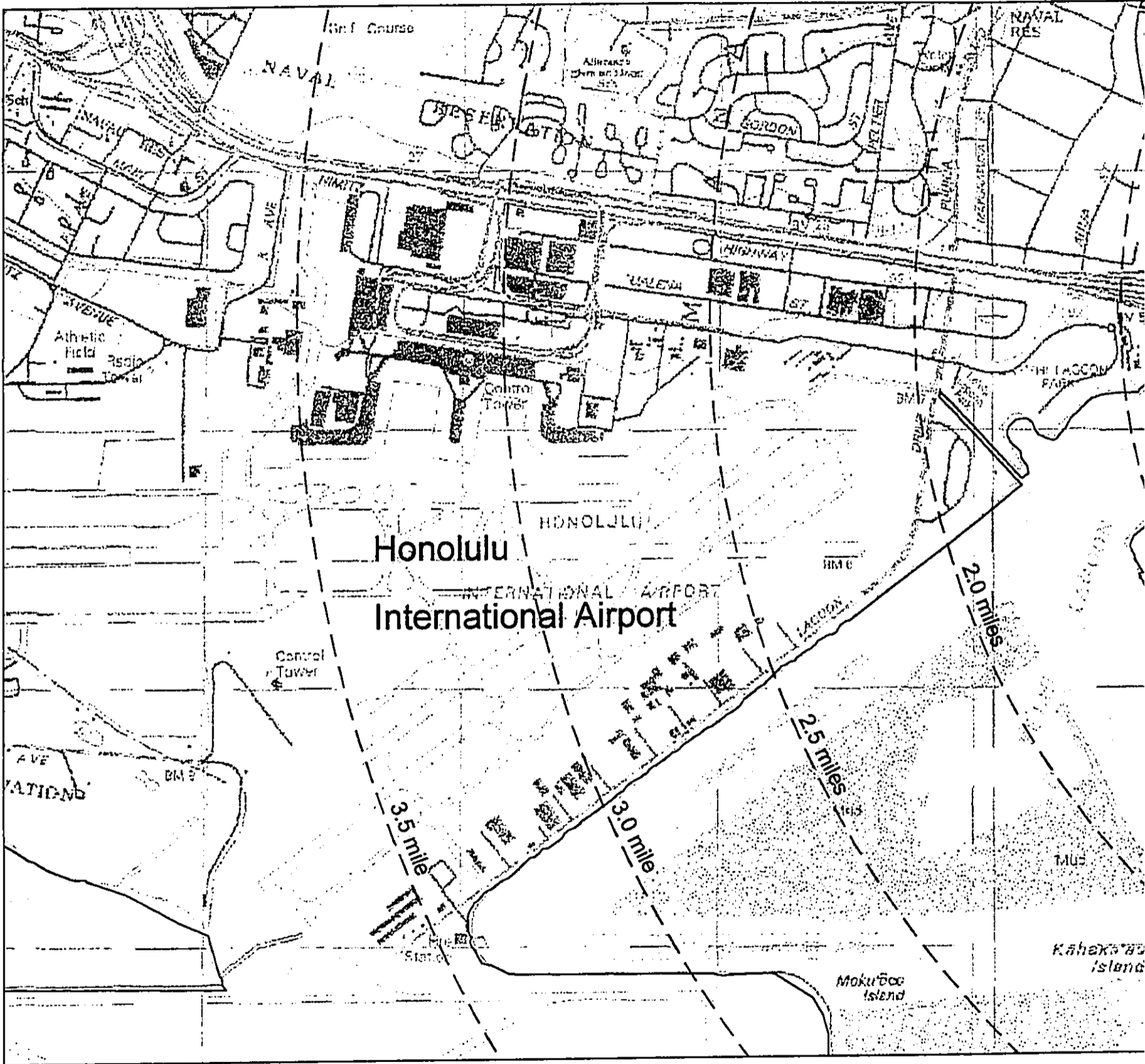
Although the project is located within 5 miles of a civil airport (Honolulu International Airport) and within 15 miles of a military airfield (Hickam Air Force Base), according to 24 CFR 51, subpart B, Sec. 51.101(a)(8), "sites with a day-night average sound level of 65 and below are acceptable and allowable." According to the adopted DNL contours from Honolulu International Airport and Hickam Air Force Base, the project site is located in a zone with day-night average sound levels of less than 55 LDN (Figure 6A).

The proposed improvements to the Kalihi YMCA do not involve residential development or development in noise sensitive areas. Traffic noise increases resulting from project generated traffic are not expected to be significant and are not expected to generate adverse noise impacts.


Long-term noise impacts due to the proposed Kalihi YMCA improvements are not expected to be significant. Since a substantial increase in noise sources is not anticipated, noise levels are not expected to significantly increase over existing levels.

Short term noise impacts will be generated during construction. Proper mitigating measures (such as limiting construction to daylight hours) will be employed to minimize the noise impacts. All

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LEGEND

 Distance from Kalihi YMCA to Honolulu International Airport

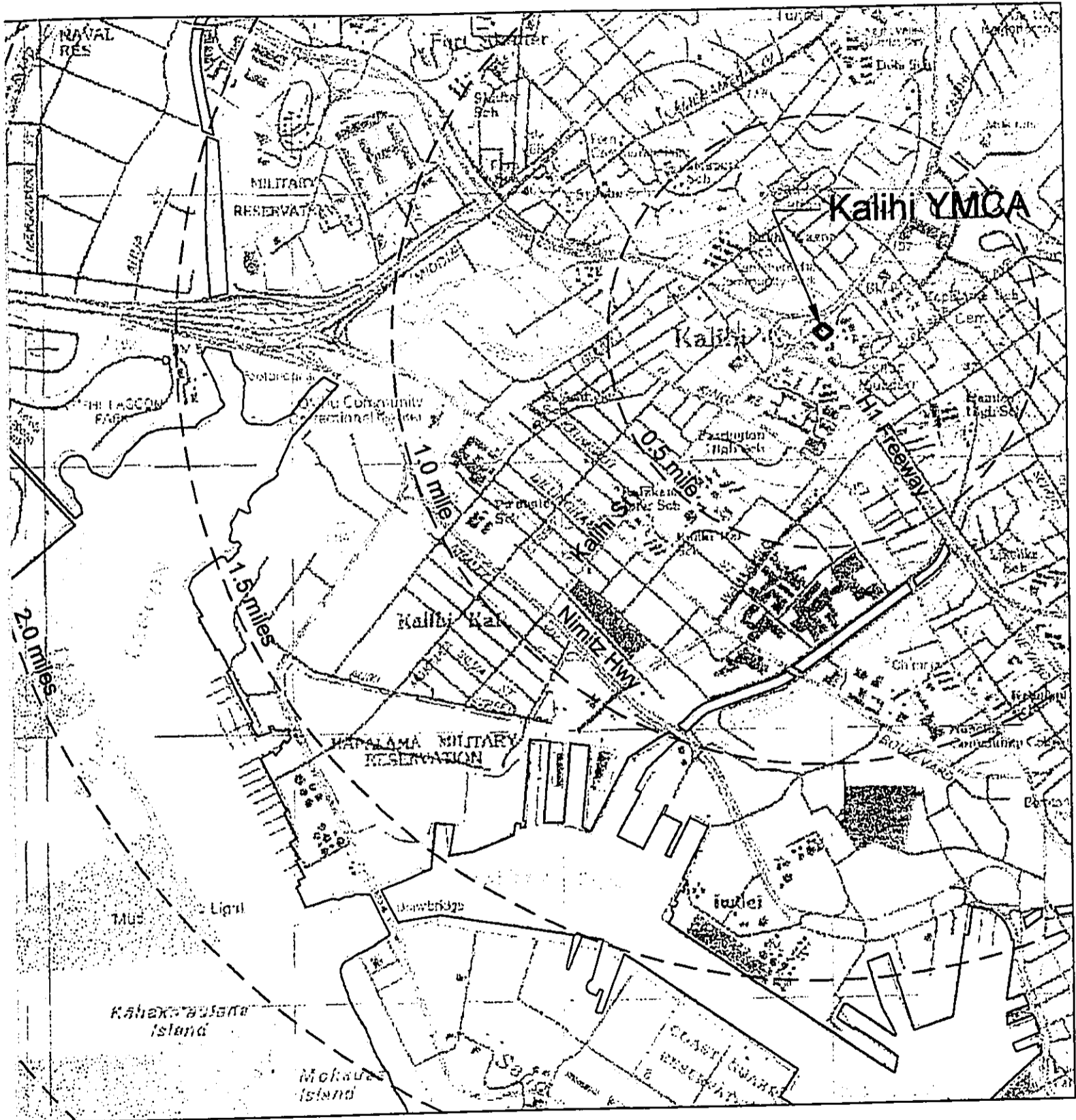
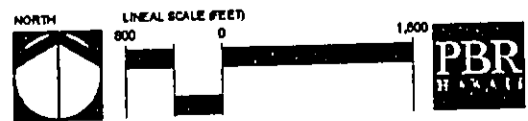
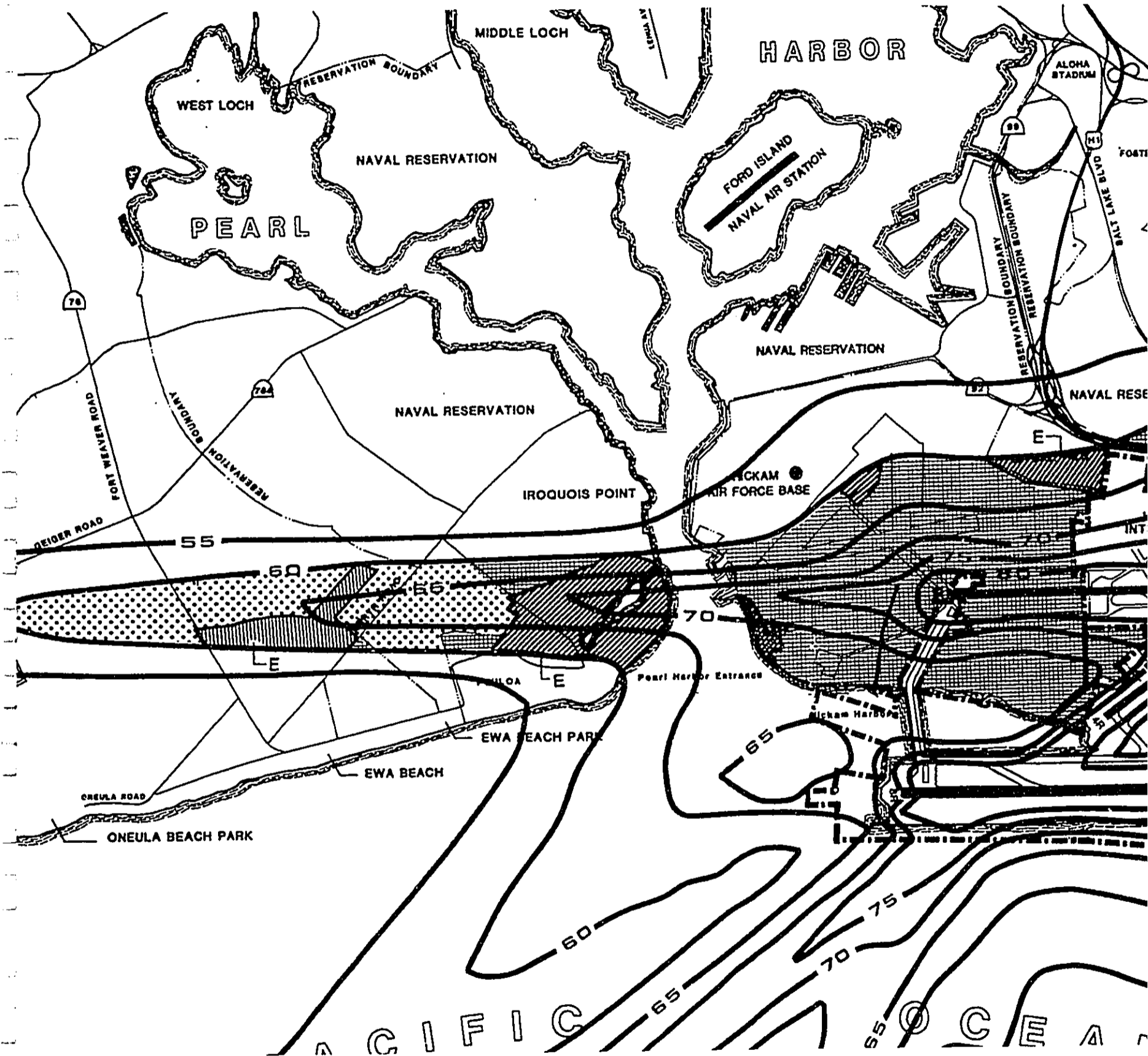


Figure 6
Distance to Honolulu Airport

Kalihi YMCA



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LEGEND

—55— LDN Contour

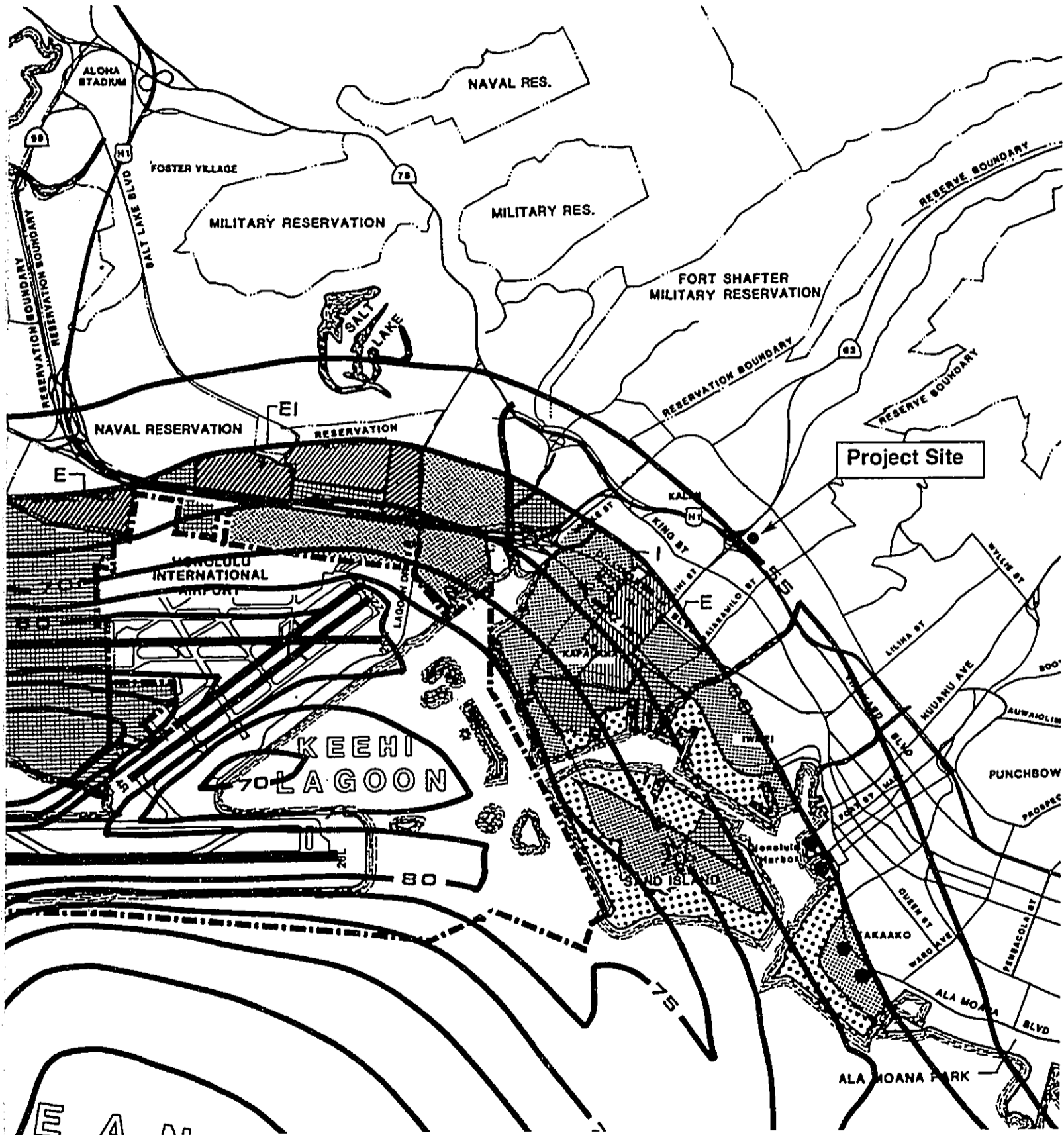


Figure 6A
1992 Noise Exposure Mapo
KALIHI YMCA



KALIHI YMCA
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project activities will comply with the State Department of Health's Administrative Rules, Chapter 11-46, "Community Noise Control" and will be monitored to ensure compliance.

Because long-term noise levels are not expected to be significant, no noise mitigation measures are planned as part of the project.

4.1.5 Hazardous Industrial Operations and Thermal/Explosives

Industrial facilities handling explosive or fire-prone materials such as liquid propane, gasoline, or other storage tanks are not adjacent to or visible from the Kalihi YMCA site.

Potential Impacts and Mitigative Measures

Because industrial facilities handling explosive or fire-prone materials such as liquid propane, gasoline, or other storage tanks are not adjacent to or visible from the Kalihi YMCA site, no potential impacts from hazardous industrial operations are anticipated and no mitigative measures are proposed.

Because the proposed improvements to the Kalihi YMCA will expose neither people or buildings to explosive or flammable fuels or chemical containers, no impacts are expected and no mitigative measures are proposed.

4.1.6 Airport Hazards/Airport Clear Zones

As shown on Figure 6, the Kalihi YMCA is located over 4.5 miles from Hickam Air Force Base and over 12,000 feet from Honolulu International Airport.

Potential Impacts and Mitigative Measures

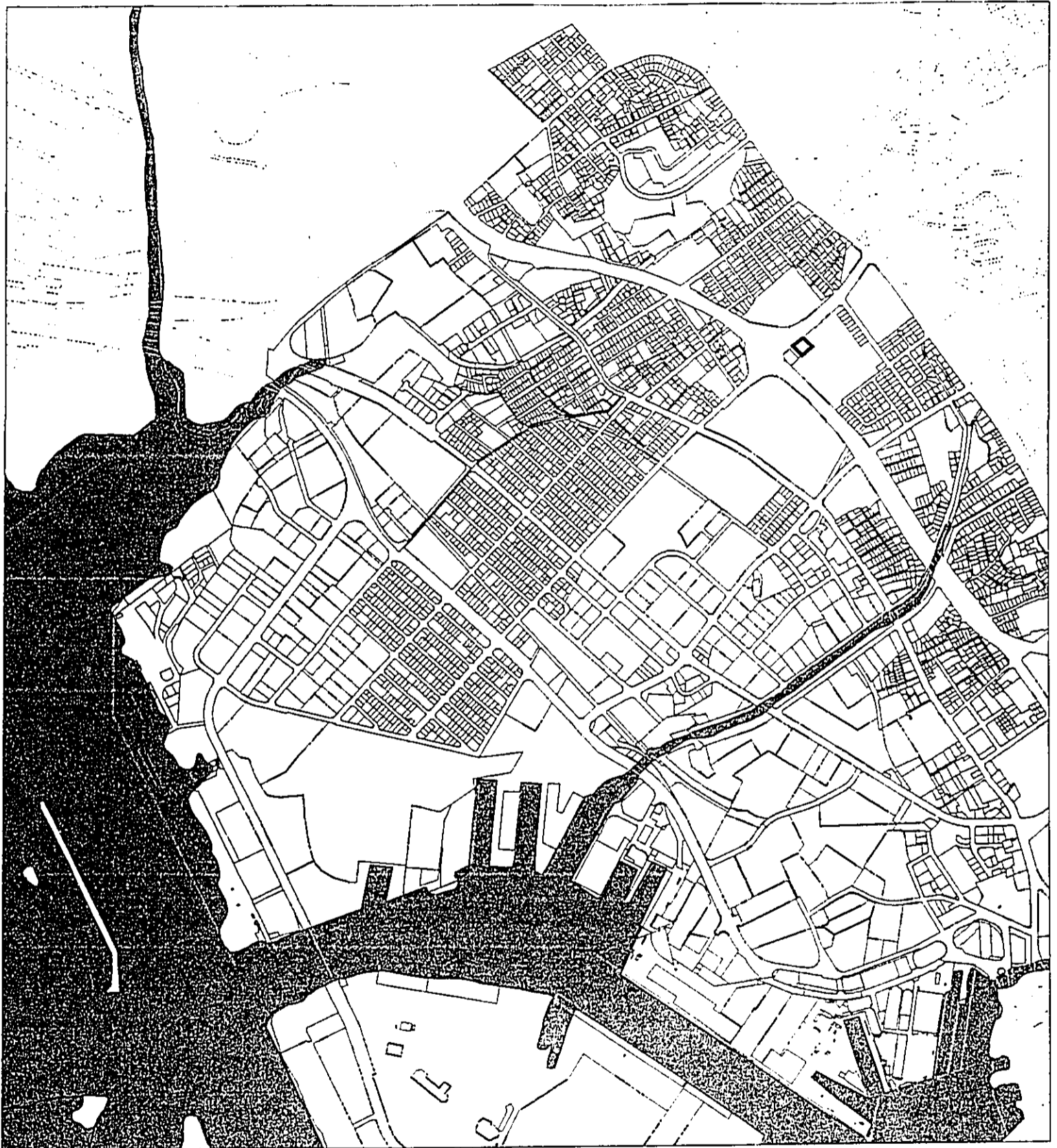
Because the Kalihi YMCA is located over 4.5 miles from Hickam Air Force Base and over 12,000 feet from Honolulu International Airport there will be no impacts to airport clear zones and no mitigative measures are proposed.

4.1.7 Protection of Wetlands



The Kalihi YMCA is not located within or adjacent to a wetland identified by or delineated on USDI Fish & Wildlife Service Honolulu, Hawai'i USGS Quadrangle Map (Figure 6B). The nearest coastline is over one mile from the site.

Potential Impacts and Mitigative Measures

Because the Kalihi YMCA is not located within or adjacent to a wetland the proposed improvements will have no impact on wetlands and no mitigative measures are proposed.



Legend


-  Kalihi YMCA
-  Wetlands

Source: State of Hawaii


Figure 6B
Wetlands
Kalihi YMCA

Kalihi, Oahu


NORTH



625 0 1250



(FEET)



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4.1.8 Toxic Chemicals and Radioactive Materials

Since the site has been in continuous use as the Kalihi YMCA since 1952, no Phase I (ASTM) report has been prepared.

The Kalihi YMCA site:

- 1) Is not near an industry disposing of chemicals or hazardous wastes;
- 2) Is not on an EPA Superfund National Priorities, CERCLA, or equivalent State list;
- 3) Is not located within 3,000 feet of a toxic or solid waste landfill site; and
- 4) Does not have an underground storage tank.

Potential Impacts and Mitigative Measures

The site has been used continuously by the Kalihi YMCA since 1952. As such, no impacts from toxic chemicals and radioactive materials are expected, and no mitigative measures are proposed.

4.1.9 Endangered Species/Flora and Fauna

The Department of Interior list of Endangered Species and Critical Habitats has been reviewed and the Kalihi YMCA will not affect any listed or proposed endangered or threatened species or critical habitats. The U.S. Fish and Wildlife Service has reviewed the proposed project and concurred that no federally listed species or proposed species, or proposed or designated critical habitat will be affected by the proposed project (Appendix D).

As part of lands that were used as the original Kamehameha Schools Kapalama campus and later the Bishop Museum complex, the site has been used by the Kalihi YMCA since 1952. As a result, no threatened or endangered plant or animal species are known to exist on the Kalihi YMCA site. Further, the existing vegetation is representative of introduced species and the site is not known to be a habitat for any threatened or endangered plant or animal species.

In addition, no wetlands, streams, estuaries, or other habitats that could accommodate threatened or endangered plant or animal species are present on the Kalihi YMCA property. The flora consists of exotic species due to previous landscaping. Birds and animals common to urban areas, such as rats, mice, and domesticated and feral cats, were sighted or are presumed to exist on the site.

Potential Impacts and Mitigation Measures

New landscaping, including trees, will be provided as part of the proposed Kalihi YMCA improvements. Plant materials will be selected to maximize the efficient use of irrigation water

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while enhancing the urban setting. The use of native plants will be considered where site conditions and aesthetic considerations permit.

The proposed Kalihi YMCA improvements should not have a negative impact to birds or introduced wildlife in the area. Birds and the introduced wildlife will most likely benefit from landscape improvements.

4.1.10 Sole Source Aquifers/Water Quality

According to the HUD-EPA (Region IX) Sole Source Aquifer Memorandum of Understanding of 1990, the Kalihi YMCA need not be referred to EPA for evaluation because it involves the construction of public facilities that will be served by an existing publicly owned and operated sewerage system (Section II.B.1).

Potential Impacts and Mitigation Measures

Because the it Kalihi YMCA will be served by an existing publicly owned and operated sewerage system, no impacts to aquifers are anticipated and no mitigative measures are proposed.

4.1.11 Farmland Protection

The proposed improvements to the Kalihi YMCA will not require the conversion of farmland to non-agricultural uses. According to the Agricultural Lands of Importance to the State of Hawai'i (ALISH) system, the Kalihi YMCA site is located within "Existing Urban Development" and does not include lands classified as "Prime," "Unique," or "Other Important" agricultural land (Figure 7). In addition, the State Land Study Bureau Detailed Land Classification system has classified the Kalihi YMCA site as "Urban."

Potential Impacts and Mitigation Measures

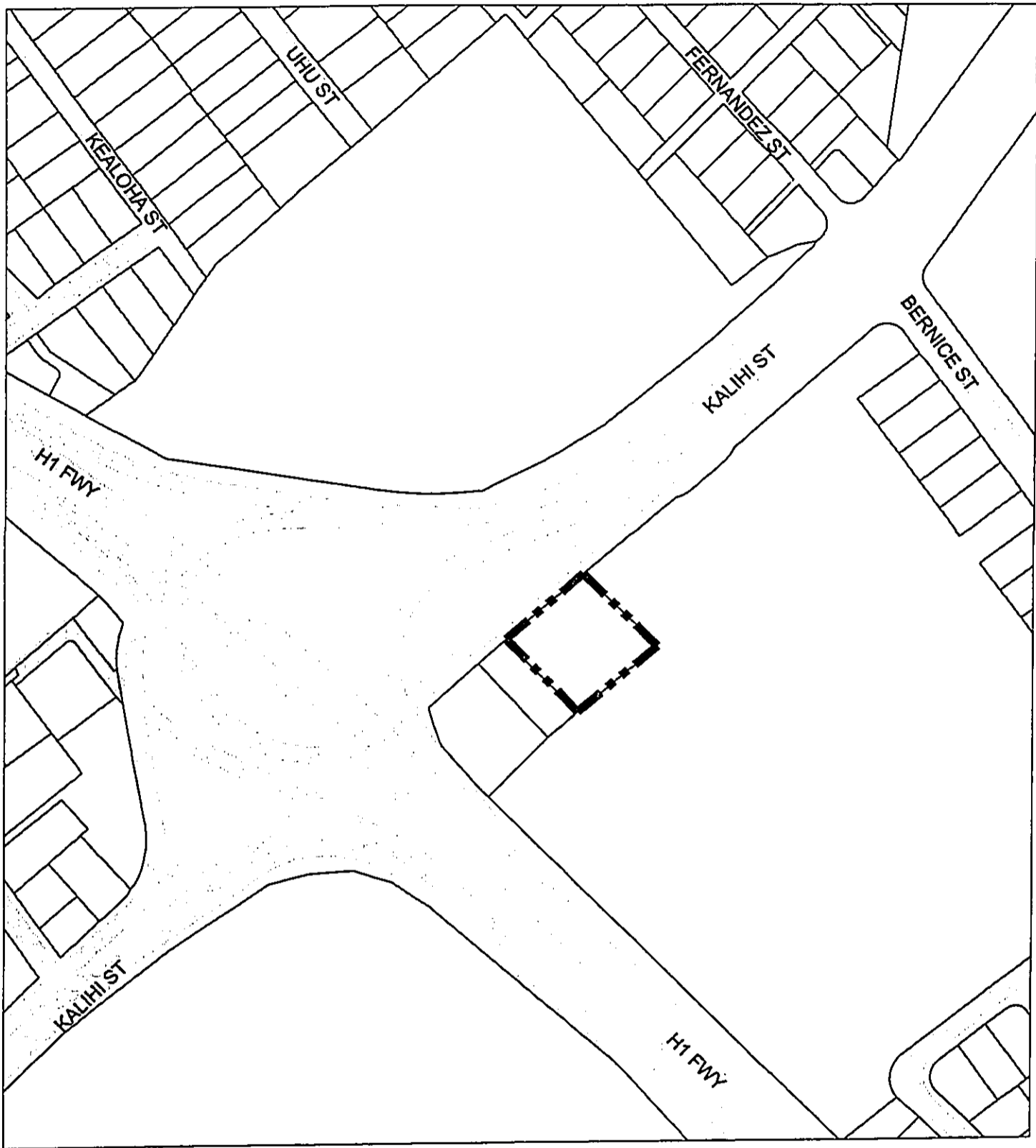
Since the site of the Kalihi YMCA is not considered farmland, the proposed improvements will have no impact on farmland and no mitigative measures are proposed.

4.1.12 Flood Insurance




The Kalihi YMCA is not within a Special Flood Hazard Area identified on a current Flood Insurance Rate Map (FIRM). As identified by the FIRM (Figure 6)(City and County of Honolulu 150001, Panel 0353E, November 20, 2000) the Kalihi YMCA is located outside of the 500-year floodplain boundary and outside of the floodway boundary. It is within "Zone X." The Zone X designation indicates areas determined to be outside the 500-year floodplain boundary.

Potential Impacts and Mitigation Measures

Because the Kalihi YMCA is not within a Special Flood Hazard Area identified on a current FIRM, flood insurance protection is not required.



LEGEND

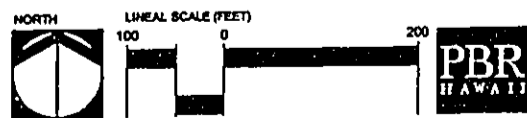
-  Kalihi YMCA
-  Prime Lands
-  Outside ALISH Lands

Source: -City and County of Honolulu
 -State of Hawaii, Department of Agriculture
 -State of Hawaii, Office of Planning

Figure 7
 Agricultural Lands of Importance to
 the State of Hawaii (ALISH)

Kalihi YMCA

Kalihi, Oahu



4.1.13 Environmental Justice

The Kalihi YMCA is located in a predominantly minority and low-income neighborhood, however the Kalihi YMCA site and the surrounding neighborhood do not suffer from disproportionately adverse environmental effects on minority and low-income populations relative to the community at large.

Potential Impacts and Mitigation Measures

The proposed Kalihi YMCA improvements will strengthen the Kalihi YMCA's ability to carry out the mission of the YMCA of Honolulu, which is to put "Christian principles into practice through programs that build healthy spirit, mind, and body for all." The long-term result will enhance the social fabric and well-being of the community and contribute to an educated and responsible citizenry with the abilities to positively contribute to Hawai'i's social and economic well-being.

As such the notion of environmental justice has been evaluated and there will be no activity performed with HUD funds that will in any way create discrimination or isolation of minority or low class income individuals based on the siting or purpose of the Kalihi YMCA.

4.1.14 Unique Natural Features and Areas

The Kalihi YMCA site is in a urban area and is not near unique natural features or near public or private scenic areas. Because the site and the surrounding area was previously used for decades as a public facility (YMCA, Bishop Museum, Kamehameha Schools), there are no other unique natural resources visible on the site or in the vicinity.

Potential Impacts and Mitigative Measures

Because the Kalihi YMCA site is in a urban area and is not near unique natural features or near public or private scenic areas, natural resources will not be adversely affected or affect the project and no mitigative measures are warranted or proposed.

4.1.15 Site Suitability, Access, and Compatibility with Surrounding Development

The Kalihi YMCA site has not been used as a dump, sanitary landfill, or a mine waste disposal area.

There is paved access to the site (via Kalihi Street).

There is no indication of:

- Distressed vegetation
- Waste materials/containers
- Soil staining, pools of liquid
- Loose/empty drums
- Oil/chemical spills

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- Abandoned machinery, cars, refrigerators, etc.
- Transformers, fill/vent pipes, pipelines, drainage structures

The proposed Kalihi YMCA improvements are compatible with the surrounding area in terms of:

- Land use—the surrounding land uses are urban
- Height, bulk, mass—the proposed improvements primarily will be similar in height, bulk and mass of structures in the adjoining Bishop Museum “campus”
- Building type (mid-rise)
- Building density

The Kalihi YMCA will not be unduly influenced by:

- Building deterioration
- Postponed maintenance
- Obsolete public facilities
- Transition of land uses
- Incompatible land uses
- Inadequate off-street parking

There are no air pollution generators nearby that would adversely affect the site, such as

- Heavy industry
- Incinerators
- Power generating plants
- Oil refineries
- Cement plants
- Large parking facilities (1,000 or more cars)
- Heavy traveled highway (6 or more lanes)—the H-1 freeway is approximately 180 feet away, but the freeway is below the site and also downwind during predominate tradewind conditions.

Potential Impacts and Mitigative Measures

The proposed Kalihi YMCA improvements are consistent with the existing uses on the site and the surrounding area. The improvements will contribute to the Kalihi community by enhancing, along with the adjoining Kalihi-Palama Library, an educational and social services center. Finally, compared to the older and make-shift condition of the existing facility, the proposed improvements will improve the overall physical appearance of Kalihi. The proposed project is anticipated to be deficient in meeting the City and County of Honolulu’s off-street parking requirements. As such, the Honolulu YMCA is seeking a zoning variance for relief from said requirements, but believes that it will provide adequate off-street parking given its clientele (area children and teens which are served by outreach counselors).

4.1.16 Soil Stability, Erosion, and Drainage

The Kalihi YMCA site is flat. There is no evidence of slope erosion or unstable slope conditions on or near the site. Furthermore, there is no evidence of ground subsidence, high water table, or other unusual conditions on the site.

There is no visual evidence of soil problems (foundation cracking or settling, basement flooding, etc.) in the neighborhood of the site. It is unknown if soil studies or borings have been made for the project site or the area but in 1990, the Bishop Museum built the four-story, Castle Memorial Building, which is within 30 feet of the Kalihi YMCA site.

There is no indication of cross-lot runoff, swales, or drainage flows on the property. In addition, there is no visual indication of filled ground. Furthermore, there are no active rills or gullies on the site.

Wastewater from the Kalihi YMCA flows into the City and County of Honolulu wastewater disposal system, therefore a report of the soil conditions suitable for on-site septic systems has not been prepared or submitted.

Because of the current and historical use of the site as the Kalihi YMCA and decades of urban uses, a soils report is not deemed necessary, nor are structural borings or a dynamic soil analysis/geological study deemed necessary.

Potential Impacts and Mitigative Measures

During the construction phases of the project, there is a potential for the generation of dust and for water-borne soil erosion. Construction activities will follow strict erosion control measures specified by applicable State and City regulations. Prior to issuance of a grading permit by the City and County of Honolulu, an erosion control plan and best management practices required will be submitted describing the implementation of appropriate erosion control measures. These generally include use of cut-off ditches, temporary ground cover, and use of detention areas. In addition, a watering program will be implemented to minimize soil loss through fugitive dust emissions during construction. After construction, establishment of permanent landscaping along the roadway will serve as long-term erosion control for unpaved areas.

4.1.17 Nuisances and Hazards

The Kalihi YMCA will not be affected by the following natural hazards:

- Faults, fracture
- Cliffs, bluffs, crevices
- Slope-failures from rains
- Unprotected water bodies
- Fire hazard materials
- Wind/sand storm concerns

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- Poisonous plants, insects, animals
- Hazardous terrain features

The Kalihi YMCA will not be affected by the following built hazards and nuisances:

- Hazardous streets (Kalihi Street fronting the Kalihi YMCA property is two lanes, one-way, with a posted speed limit of 25 miles per hour)
- Dangerous intersections
- Through traffic
- Inadequate separation of pedestrian/vehicle traffic
- Inadequate screened drainage catchments
- Hazards in vacant lots
- Chemical tank-car terminals
- Other hazardous chemical storage
- Children's play areas located next to freeway or other high traffic ways
- Inadequate street lighting
- Quarries or other excavations
- Dumps/sanitary landfills or mining
- Railroad crossing
- High-pressure gas or liquid petroleum transmission lines on site
- Overhead transmission lines
- Hazardous cargo transportation routes
- Oil or gas wells
- Industrial operations

The Kalihi YMCA will not be affected by the following nuisances:

- Gas, smoke, fumes
- Odors
- Vibration
- Glare from parking area
- Vacant/boarded-up buildings
- Unsightly land uses
- Front-lawn parking
- Abandoned vehicles
- Vermin infestation
- Industrial uses

Potential Impacts and Mitigative Measures

The proposed Kalihi YMCA improvements will not be affected by or affect natural hazards. For more information on natural hazards specific to Hawai'i see Section 4.2.4. The proposed improvements also will not be affected by built hazards and nuisances such as roadway traffic, inadequate drainage, or odors and vibrations, as these problems either do not exist on the site or the site plan has been designed to minimize such problems.

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4.1.18 Water Supply, Sanitary Sewers, and Solid Waste Disposal

The Kalihi YMCA site is served by adequate and acceptable:

- Municipal water supply
- Municipal sanitary sewers and waste water disposal system
- Private trash collection and municipal solid waste disposal

Potential Impacts and Mitigative Measures

After the proposed project is completed and in operation, the Kalihi YMCA will continue to use the municipal water supply and solid waste disposal systems, and no adverse impacts are expected, therefore, no unique mitigative measures are warranted. The Kalihi YMCA will request a connection to the municipal sanitary sewer system. The existing off-site wastewater collection is presently inadequate to accommodate the estimated demand associated with the project. The inadequacy exists in a 10-inch sewer line that crosses the H-1 Freeway. However, the Halona Street Relief Sewer project is programmed to correct this inadequacy. The relief sewer project is tentatively scheduled for completion in 2005. The YMCA of Honolulu intends to appeal to the Director of the Department of Environmental Services to make an exception for the proposed project. The appeal will be based on the following:

- The projected small increase in staff;
- The large portion of the staff will continue to do their work off-site (mostly outreach counselors);
- The capacity forecasts are theoretical and the capacity overage is nominal (7%);
- The future flow from Kalihi YMCA project represents a very small portion of the total flow;
- The projected over-capacity period should only be about a year or so; and
- The project provides tangible community benefits that should not be delayed.

For more information on infrastructure systems see section 4.2.11.

4.1.19 Schools, Parks, Recreation, and Social Services

The proposed project will not generate children, as say, a residential project would and thus, it will not affect the local school system's capability to service the potential school age children from the project. Most of the children and teens currently served or to be served are already in the public school system. The site currently has a small paved area, which can be used as a basketball court when no cars are parked. Across Kalihi Street from the Kalihi YMCA is Kamehameha Field. The Kalihi YMCA also provides social services on site and through its outreach counselors.

Potential Impacts and Mitigative Measures

The local school system is not expected to be negatively impacted by the proposed improvements to the Kalihi YMCA. The Kalihi YMCA currently offers year-round teen outreach programs and programs for area children which are complementary to the public school system:

- Before school and Holiday Fun/Intersession programs at elementary schools

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- Summer Fun
- After school teen drop-in program
- Youth Service Center
- Kokua Mau Lima Youth Mentoring Project
- Gear Up college preparatory program
- Substance abuse prevention programs for teens

The proposed project will include recreational activities which will not impact nearby parks and play spaces. In their public review comments, the City and County of Honolulu Department of Parks and Recreation wrote that it had no comments.

4.1.20 Emergency Health Care, Fire, and Police Services

Emergency health care providers are located within a reasonable proximity to the Kalihi YMCA. The closest hospitals with emergency health care services are the St. Francis Hospital and Kuakini Medical Center. The approximate response time from these emergency health care providers to the Kalihi YMCA is approximately 10 minutes by ambulance service.

Police services are located within a reasonable proximity to the Kalihi YMCA. The City and County of Honolulu Police Department maintains a Kalihi Substation that is open 24 hours a day on Kam IV Road. The approximate response time from the Kalihi Substation to the Kalihi YMCA is five minutes.

Municipal fire fighting protection is provided by the Kalihi Fire Station located near the intersection of Kalihi Street and North King Street. The approximate response time from Kalihi Fire Station to the Kalihi YMCA is three minutes. There is a fire hydrant located near the existing driveway to the Kalihi YMCA.

Potential Impacts and Mitigative Measures

There may be an unavoidable and occasional need for emergency health care services. However, the Kalihi YMCA is not expected to have a long-term adverse impact on emergency medical services.

There may be an occasional and unavoidable demand for police protection services associated with Kalihi YMCA, however, during the public review period, the Police Department commented that this project should not impact the facilities or services provided by the Police Department.

There may be an occasional and unavoidable demand for fire protection services associated with the Kalihi YMCA. According to their public review comments, the Fire Department conducted an on-site inspection and determined that the project will not have an adverse impact on the services provided by the Fire Department. The applicant will advise the Fire Department of project implementation to permit adequate planning and advance notice of project completion.

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4.1.21 Commercial/Retail and Transportation

Commercial/retail shopping services are located in the vicinity of the Kalihi YMCA along North King Street and along School Street. The Kamehameha Shopping Center is located 3 blocks to the northwest of the Kalihi YMCA.

The Kalihi YMCA is accessible to employment, shopping, and services by both public transportation and private vehicle. Fixed route bus service is provided to the Bishop Museum/Kalihi YMCA/Kalihi-Palama Library by the City Department of Transportation Services, which currently contracts with O'ahu Transit Services (OTS) for operation of TheBus. The area is serviced by ten bus routes, A and B City Express, #2, #7, #13, #86, #86A, #88, #88A, and #203.

The approaches to the Kalihi YMCA are convenient, safe, and attractive.

Potential Impacts and Mitigative Measures

The proposed improvements to the Kalihi YMCA are expected to have a positive impact on nearby commercial and other services.

Although the proposed improvements may increase the number of people traveling to the Kalihi YMCA by bus, this potential increase in bus ridership is not expected to be significant, since most children served live within walking distance from the surrounding residential communities.

4.1.22 Air Quality

In general, air quality in Hawai'i is excellent due to the predominant northeast trade winds. Some localized conditions, such as heavy traffic at intersections, can negatively impact air quality. Air quality in the vicinity of the Kalihi YMCA is most likely affected by emissions from motor vehicle traffic on nearby roadways.

According to the Environmental Protection Agency (EPA) there are no "non-attainment" sites in the State of Hawai'i. A non-attainment area is defined as a locality where air pollution levels persistently exceed National Ambient Air Quality Standards.

Because there are no "non-attainment" sites in Hawai'i, the entire state is considered by the EPA to be in attainment for all criteria pollutants. Thus the Kalihi YMCA is located within an "attainment area." To ensure that existing air quality continues, both Federal and State standards have been established to identify ambient air quality conditions and potential changes as they may occur in the future.

Potential Impacts and Mitigative Measures

Long-term air quality impacts are not expected due to the proposed improvements at the Kalihi YMCA. Because air quality in Kalihi is primarily impacted from vehicle emissions, and because the proposed improvements are not expected to substantially increase traffic in the area, it may be

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concluded that the proposed improvements will not substantially alter air quality in the vicinity. In addition, Kalihi Street, the nearest roadway, is west of the project site, and is downwind during predominant tradewind conditions.

Short-term air quality impacts due to the proposed improvements may result from construction activities. During construction, air quality in the area may be impacted by exhaust generated from construction equipment and fugitive dust. All construction activities will implement best management practices to reduce any negative air quality impacts and comply with the provisions of Hawai'i Administrative Rules, Chapter 11-60.1, "Air Pollution Control," Section 11-60.1-33, Fugitive Dust. A combination of measures such as watering exposed soils, minimizing the amount of disturbed area, and rapid establishment of plant materials will be implemented as appropriate. Exhaust emissions from construction equipment are not likely to exceed established air quality standards.

4.2 ADDITIONAL ENVIRONMENTAL CONSIDERATIONS

The following additional environmental considerations are provided in addition to 24 CFR 58 in fulfillment of the State of Hawai'i Environmental Impact Statement Law (Chapter 343, HRS).

4.2.1 Climate

In Kalihi in the vicinity of the project site, trade wind showers are relatively common and although heavy rains occur at times, most of the showers are light and of short duration. Normal annual rainfall is greater than 120 inches at the top of Kalihi Valley, but significantly less in the area of the project site, (30 to 45 inches), most of which occurs during the wet season from November through April.

Surface winds are generally around 13 to 24 miles per hour from the northeast. There are some seasonal changes in prevailing wind direction in winter with southerly Kona winds. Strong winds do occur at times in connection with storm systems moving through the area. Daily variations include diurnal effects of winds from the southwest quadrant during the night and morning hours, shifting to the northeast during the day.

Potential Impacts and Mitigative Measures

The proposed improvements to the Kalihi YMCA are not expected to have a significant effect on climatic conditions and no mitigative measures are planned. Project landscaping may help to decrease any localized temperature increases resulting from the increase in paved areas.

4.2.2 Topography

The site of the Kalihi YMCA is generally flat.

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Potential Impacts and Mitigative Measures

The site already has been extensively modified by improvements related to the existing Kalihi YMCA facilities. The proposed improvements will require vegetation removal, earthwork, and grading. All grading operations will be conducted in full compliance with dust, erosion control and other requirements of the City and County of Honolulu Grading Ordinance. All construction activities will comply with the provisions of Chapter 11-60.1, Hawai'i Administrative Rules, on fugitive dust. A grading permit is required to modify the topography.

4.2.3 Soils

There have been three soil suitability studies prepared for Hawai'i whose principal focus has been on describing the physical attributes of land and the relative productivity of different land types for agricultural production. These are (1) the Land Study Bureau Detailed Land Classification, (2) the U.S. Department of Agriculture Soil Conservation Service Soil Survey, and (3) the Agricultural Lands of Importance to the State of Hawai'i (ALISH).

4.2.3.1 Land Study Bureau Detailed Land Classification

The Land Study Bureau Detailed Land Classification (1965 through 1972) series was produced by the Land Study Bureau (LSB) of the University of Hawai'i for each island. The LSB classification system groups land into homogeneous units called Land Types, describes their condition and environment, delineates the areas on aerial photo base maps, rates the lands on their overall quality (productivity) in relation to other lands, and appraises their performance under selected alternative agricultural crops. This series of reports were produced with the intention of developing a land inventory and productivity evaluation based on statewide "standards" of crop yields and levels of management.

The Kalihi YMCA site has been used for urban uses since at least 1911 when it was part of the original Kamehameha Schools Kapalama campus. The parcel has therefore, been classified "urban" under the Land Study Bureau system since its uses foreclosed an agricultural crop production potential.

4.2.3.2 Soil Conservation Service Soil Survey

The Soil Conservation Service Soil Survey (1972) series for each island was prepared by the U.S. Department of Agriculture Soil Conservation Service (SCS) and the University of Hawai'i Agricultural Experiment Station. These reports are somewhat similar to those of the Land Study Bureau, except that they are patterned after a soil classification procedure adapted for nationwide, uniform application. Soil types are ranked according to their suitability for most kinds of crops. Also provided are listings of crops commonly grown on the soil types and their expected productivity under present management.

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The USDA Soil Survey classifies the Kalihi YMCA site as containing clay soils of the Kaena Series which are characterized as moderately sloping soils in areas with rainfall of 30 to 45 inches annually. Runoff is slow and the erosion hazard is slight.

4.2.3.3 Agricultural Lands of Importance to the State of Hawai'i

The Agricultural Lands of Importance to the State of Hawai'i (ALISH) (1977) system includes the entire state. The ALISH system consists of the mapped identification of three broad classes of agricultural land based, in part, on the criteria established by the Soil Conservation Service; Prime, Unique, and Other Important Agricultural Land.

The Kalihi YMCA site is classified as "Existing Urban Development" by the ALISH system most likely due to its use of the past century for urban uses. No portion of the site is classified as "Prime," "Unique," or "Other Important" agricultural land.

Potential Impacts and Mitigative Measures

During the construction phases of the project, there is a potential for the generation of dust and for water-borne soil erosion. Construction activities will follow strict erosion control measures specified by applicable State and City regulations. Prior to issuance of a grading permit by the City and County of Honolulu, an erosion control plan and best management practices will be submitted describing the implementation of appropriate erosion control measures. In addition, a watering program will be implemented to minimize soil loss through fugitive dust emissions during construction. After construction, establishment of permanent landscaping will serve as long-term erosion control for unpaved areas.

4.2.4 Natural Hazards

Natural hazards affecting the Hawaiian Islands include hurricanes, volcanic eruptions, earthquakes, and flooding. Volcanic hazards in the area are considered minimal due to the extinct status of former volcanoes that comprise O'ahu.

Most earthquake activity in Hawai'i is related to volcanic rather than tectonic activity. Thousands of small earthquakes occur in Hawai'i each year, and moderate and disastrous earthquakes have rocked the islands in the past. Seismic hazards in the area are no greater than other locations on O'ahu.

Hurricanes have directly impacted Hawai'i twice in the past two decades. Both events were centered on Kaua'i. Hurricane 'Iwa struck in 1982 and Hurricane 'Iniki in 1992. While these events are relatively rare in Hawai'i, they do occur, and call for advanced planning and state and county policy considerations. The Kalihi area, as the rest of the island or state, is no more or less vulnerable to the destructive winds and torrential rains associated with hurricanes.

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As identified by the Federal Insurance Rate Map (FIRM) (Figure 6), the Kalihi YMCA is located outside of the 500-year floodplain boundary and outside of the floodway boundary. It is within "Zone X." The Zone X designation indicates areas outside the 500-year floodplain boundary.

Potential Impacts and Mitigation Measures

The improvements to the Kalihi YMCA will not exacerbate any natural hazard conditions. The improvements will be constructed in compliance with all City requirements, although these requirements do not preclude potential damage from earthquakes or other natural hazards. Landscaping, particularly trees may be subject to damage from hurricanes and possibly from earthquakes.

4.2.5 Archaeological and Historic Resources

The site was formerly part of Kamehameha Schools original Kapalama Campus (before the campus was relocated to Kapalama Heights). As such, the site has been in urban use since at least 1911, and as the Kalihi YMCA since 1952.

The current facility was originally constructed in 1952 and altered significantly in 1963. Since the original building was over 50 years old, the State Historic Preservation Division (SHPD) was contacted regarding the historical value of the Kalihi YMCA facility. SHPD wrote that if federal funds will be utilized, the project must undergo the Section 106 review process.

Potential Impacts and Mitigation Measures

On October 2, 2002, after undergoing the Section 106 review process, SHPD concurred that no historic properties would be affected by the project.

Because no significant archaeological resources are expected to be found on the Kalihi YMCA site, no potential impacts are anticipated. Despite the unlikelihood of finding archaeological resources, all construction plans will include the following language as normally recommended by the State Historic Preservation Division:

Should historic remains such as artifacts, burials, concentrations of shell or charcoal be encountered during the construction activities, work shall cease immediately in the immediate vicinity of the find and the find shall be protected from further damage. The contractor shall immediately contact the State Historic Preservation Division at 692-8015 which will assess the significance of the find and recommend an appropriate mitigation measure, if necessary.

4.2.6 Cultural Impacts

As previously noted, the project site is located on lands which were once the Kamehameha Schools Kapalama Campus. A historical account of the Kamehameha Schools Kapalama Campus from *Kū Kilakila 'O Kamehameha* by Donald D. Kilolani Mitchell follows:

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Mrs. Bishop's will required that the Kamehameha School for Boys be established first. After considering several sites the trustees selected the *ahupua'a* known then as Pālama. It was a huge triangular tract of land that extended from the reef inland to a point a few miles from the ridge of the Ko'olau Mountains. As time passed, this area became known by its earlier name Kapālama (the fence or enclosure made of *lama* wood). Its 'Ewa *ma kai* portion was called Kalihi (named by Prince Lot in 1856, reason uncertain), while the lands on the Waikīkī side, parallel to it, retained the name Pālama.

About the year 1850 the *ahupua'a* of Kapālama was awarded to Moses Kekūāiwa, son of Kekūanao'a and Kīna'u. Upon Moses' death the *ahupua'a* went to his sister Victoria Kamāmalu, and then to her brother Lot Kamehameha. His lands were inherited by his half sister Princess Ruth and finally willed to Princess Pauahi. In this manner Kapālama became part of the Bishop Estate.

From early times the area around the site of the schools bore the name Kaiwi'ula (the red bone). The reason it was given this name is no longer known. This place name appears in several Hawaiian songs including "Kamehameha March" and "Kamehameha Waltz," which were composed by Charles E. King, a member of Kamehameha's first graduating class in 1891.

At the time the site was selected for the School for Boys it was a mass of lava rock outcroppings, dry and devoid of trees of any size, shrubs or grass. A drought of several years accounted for its unusually dreary appearance.

Records show that during the first years many tons of rock were cleared from the surface and quarried from deposits below ground. Some of the clearing was done by the Kamehameha School boys. Two Honolulu companies which furnished rock ballast for outgoing ships secured many tons from the Kamehameha campus. The infield of the baseball diamond was partly cleared of exposed rock by 1889; however, many toenails were lost by barefoot baseball players.

In addition to the scattered and half-buried rocks, each of which harbored several huge centipedes, there were quarries worked Portuguese stonecutters. One of the campus deposits was located Waikīkī of Bishop Hall. The other was Waikīkī of the site of the Jabulka Entrance Gallery. Excellent stone came from a quarry above School Street near Houghtailing. Hewn stones from these quarries, especially the latter, were used in building Bishop Museum and Bishop Hall. They were also used to build the first Bishop Memorial Chapel and several buildings in Honolulu. The quarries were filled with rubble and soil when the supply of suitable stone was exhausted. Hundreds of cartloads of soil were brought to allow the growth of trees, shrubs and lawns.

Among the favorable features of this school site were the prevailing trade winds that cooled the area much of the year. The somewhat isolated location, two miles from

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town, was considered ideal for a boarding school. An artesian well on the premises furnished an abundance of cool, pure water. Electricity and telephone service were available in Honolulu but had not yet reached the Kalihi area.

Potential Impacts and Mitigation Measures

While the site does have some cultural (and historical) value being part of the original Kamehameha Schools Kapalama Campus, the original campus was decimated when: 1) 30 acres was condemned by the territorial government to create Farrington High School; 2) the Boy's campus moved to Kapalama Heights; and 3) Lunalilo Freeway (H-1) was constructed. During the public review period, the Office of Hawaiian Affairs wrote that it had no comments to offer on this project.

4.2.7 Economic Impacts

The YMCA of Honolulu (parent organization of the Kalihi YMCA) is a not-for-profit organization. Its major sources of funding are: 1) membership and program fees; 2) government contracts for services such as the A+ After School Program and counseling for at-risk youth; and 3) donations from individuals, corporations, and foundations. The YMCA of Honolulu's annual budget is \$18 million.

The YMCA of Honolulu has 160 full-time employees, 800 part-time employees, and 2,600 volunteers. More than 300 community volunteers serve on the YMCA of Honolulu's corporate and branch boards.

Currently there are 30 full-time and part-time employees at the Kalihi YMCA.

The proposed Kalihi YMCA improvements are estimated to cost \$4.5 million.

Potential Impacts and Mitigation Measures

The proposed improvements will generate short-term construction employment and associated other jobs in the economy generated by sales to construction companies or the expenditure of wages by workers.

The Kalihi YMCA will not increase the number of staff members.

In the larger context, the proposed project will allow the YMCA to provide increased programs and services, by allowing existing programs for teens and children to occur simultaneously. The goal of these programs and services is to positively enhance the social fabric and well-being of the community, ultimately contributing to an educated and responsible citizenry with the abilities to positively contribute to Hawai'i's social and economic well-being.

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4.2.8 Social Impacts

Kalihi is a working-class, multi-ethnic neighborhood located to the west of downtown Honolulu. Like other neighborhoods located within the "Heart of Honolulu," Kalihi has experienced urbanization and a mixing of industrial and commercial businesses with low-rise apartments and single-family homes. Although formerly primarily residential neighborhood, the transition to more intense land use has led to a decline in Kalihi's residential character and identity.

Kalihi has historically been a first home for many immigrants to Hawaii. According to 2000 U.S. Census data, nearly half (48.6 percent) of Kalihi residents are foreign-born. Today, most of Kalihi's residents are Filipino, Hawaiian/Part-Hawaiian, Samoan, or Southeast Asian.

Kalihi residents are hard-working. Approximately 43 percent of Kalihi residents work in service occupations. Unemployment for the area is lower than statewide percentages (2.4% compared to 3.8%). However median household income (\$36,302) is far below that of the City & County of Honolulu (\$51,914). Over 13 percent of households receive public assistance and 9.7 percent of families fall below the poverty level.

The Bishop Museum is a major cultural and educational asset to the community. There are also many public schools in the area, including Farrington High School, Dole Intermediate, and Kalakaua Middle School. The majority of the students at these schools reflect the low-income, multi-ethnic character of Kalihi. According to the Department of Education, nearly three-quarters of the students at Dole Intermediate receive free or reduced lunch. As compared to the rest of the State, the families that make up these Kalihi area school communities have a higher percentage of Public Assistance Income, children below the poverty level, and children who are "at risk."

According to the mission statement of the YMCA of Honolulu: "The YMCA of Honolulu is a fellowship dedicated to putting Christian principles into practice through programs that build healthy spirit, mind, and body for all." The YMCA of Honolulu's theme is "We build strong kids, strong families, and strong communities." In addition the YMCA of Honolulu is committed to promoting values. Specifically they focus on four core values—caring, honesty, respect, and responsibility.

The YMCA of Honolulu conducts programs in the following seven areas of emphasis:

- 1) Developing positive social values and leadership.
- 2) Strengthening families.
- 3) Developing healthy lifestyles.
- 4) Developing a sense of community.
- 5) Improving opportunities for youth at risk.
- 6) Promoting international and intercultural understanding.
- 7) Promoting appreciation and concern for the environment.

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Potential Impacts and Mitigative Measures

The proposed Kalihi YMCA improvements will strengthen the Kalihi YMCA's ability to carry out the mission of the YMCA of Honolulu. The long-term result will enhance the social fabric and well being of the community and contribute to an educated and responsible citizenry with the abilities to positively contribute to Hawai'i's social and economic well-being.

On September 18, 2002, a presentation was made to the Kalihi-Palama Neighborhood Board No.15, and the Board members voted unanimously to support a zoning variance for the project (for relief from the County's off-street parking requirements). On October 9, 2002, a presentation was made to the Kalihi Valley Neighborhood Board No.16, and the Board voted (5 yes, 1 no and 1 abstaining) to support the zoning variance for the project.

4.2.9 Visual Impacts

Currently, only the northwest facade of the existing facilities of the Kalihi YMCA is visible from Kalihi Street (from both the mauka-bound and makai-bound directions) and from the eastbound and westbound on-ramps of the H-1 Freeway from Kalihi Street. The southwest side of the existing Kalihi YMCA is only visible from the Kalihi Palama Library and from mauka-bound traffic on Kalihi Street. Two sides of the Kalihi YMCA site is mostly hidden from view by the existing facilities of the Bishop Museum, including the four-story Castle Memorial Building.

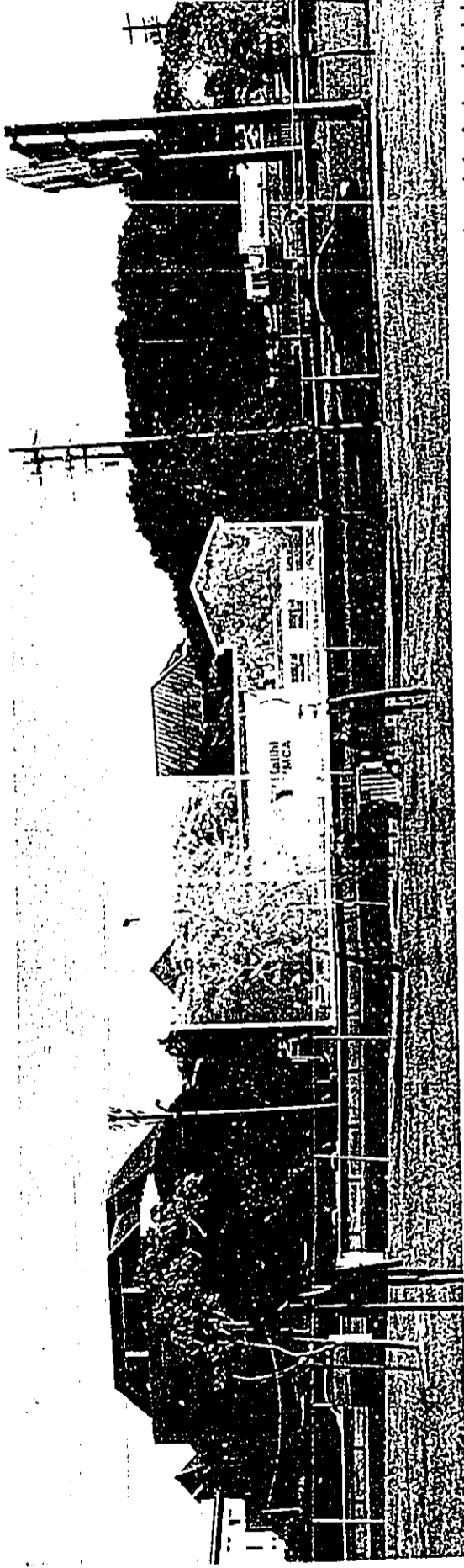
Potential Impacts and Mitigative Measures

Figure 8 shows the potential visual impact of the proposed Kalihi YMCA improvements as viewed from its most visible side along Kalihi Street (from Kamehameha Field). The proposed building is significant taller than the existing facility but smaller in massing as compared with the surrounding facilities of the Bishop Museum. The facility will create a new landmark in this area of Kalihi and will not detract from views of Punchbowl or the Koolau mountain range (since these views are already obstructed by the surrounding buildings of the Bishop Museum campus). The proposed project and the rehabilitation of the Kalihi Valley Homes represent major improvements to this socially and economically challenged, older community.

4.2.10 Traffic and Circulation

The Kalihi YMCA site can be accessed from Kalihi Street.

Kalihi Street fronting the Kalihi YMCA site is a one-way, two-lane collector road with a posted speed limit of 25 miles per hour that runs mauka-makai (Likelike Highway to North King Street, Dillingham Boulevard, and Nimitz Highway). Traffic on one lane is generated by mauka bound traffic from Kalihi Street. The traffic on the other lane is generated by the Likelike Highway off-ramp of the H-1 Freeway. It eventually feeds into Likelike Highway, a major arterial to Kaneohe and the rest of the windward side of O'ahu.



SITE IMPACT STUDY

YMCA KALIHĪ

SEPTEMBER 2002

Figure 8
Visual Analysis

KALIHĪ YMCA

Source: AM Partners



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Potential Impacts and Mitigation Measures

The proposed project will have two access points, one near or at the existing entry point and another near the makai boundary. While final approval for the second access point has not yet been granted (a single access point already exists), the State Department of Transportation (SDOT) will continue to process the request for the second access point subject to the requirements outlined in their letter dated March 8, 2002 (Appendix E). The project civil engineer contacted SDOT staff on January 23, 2003 and was advised that the approval of the second access point will be granted only after construction plans are submitted. The proposed project is expected to increase the total number of people on site at any given time by 15. Therefore, the impact on traffic to Kalihi Street is expected to be minimal.

4.2.11 Infrastructure

4.2.11.1 Water System

The Board of Water Supply owns and maintains the water system that services the Kalihi region. Based on water meter readings current usage is less than 10 gallons per person per day.

The existing facilities of the Kalihi YMCA are served from this system.

Potential Impacts and Mitigative Measures

No increase in staff and just a slight increase in members (15) present at any given time is expected. As with current conditions, not all members will use the Kalihi YMCA facilities each day and not all staff will be full-time. Based on a full-time equivalent amount of members and staff of 75 members and staff at the site per day, and an estimated demand of 30 gallons per day per person (compared with current demand rate of less than 10 gallons per person per day), future members and staff will generate a demand of approximately 2,250 gallons of water per day.

All water system improvements will be designed in accordance with the Water System Standards and Approved Materials List and Standard Details for Water System Construction of the Board of Water Supply. According to comments received from the Board of Water Supply during the public review period, the existing water system is presently adequate to accommodate the proposed expansion. However, the availability of water will be confirmed when the Building Permit applications are submitted to the Board of Water Supply for review and approval.

When water is made available, the Kalihi YMCA will be required to pay the Board of Water Supply Water System Facilities Charges for resource development, transmission, and daily storage. Further, the proposed improvements are subject to Board of Water Supply Cross-Connection Control and Backflow Prevention requirements before the issuance of the Building Permit Applications.

For fire protection purposes, the proposed four-story building will be equipped with a sprinkler system. There is an existing fire hydrant near the mauka vehicular entry to the proposed building.

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On-site fire protection requirements will be coordinated with the Fire Prevention Bureau of the Fire Department.

4.2.11.2 Wastewater Facilities

The existing wastewater system in the area is owned and maintained by the City and County of Honolulu. Current wastewater generated is approximately 580 gallons per day for an average of 60 users per day (or less than 10 gallons per person per day).

Potential Impacts and Mitigative Measures

Wastewater generated from the proposed Kalihi YMCA improvements will be transmitted to the City and County of Honolulu sewer system.

As previously mentioned, no increase in staff and just a slight increase in members present (15) at any given time is expected. As with current conditions, not all members will use the Kalihi YMCA facilities each day and not all staff will be full-time. Based on a full-time equivalent population of 75 members and staff at the site per day, and an estimated amount of wastewater of 30 gallons per person per day (compared with the current demand rate of less than 10 gallons per person per day), future members and staff will generate approximately 2,250 gallons of wastewater per day.

The proposed wastewater system improvements will be designed and constructed in accordance with Department of Environmental Services Design Standards and will require their review and final approval. The existing off-site wastewater collection is presently inadequate to accommodate the estimated demand associated with the project. The inadequacy exists in a 10-inch sewer line that crosses the H-1 Freeway. However, the Halona Street Relief Sewer project is programmed to correct this inadequacy. The relief sewer project is tentatively scheduled for completion in 2005. The YMCA of Honolulu intends to appeal to the Director of the Department of Environmental Services to make an exception for the proposed project. The appeal will be based on the following:

- The projected small increase in staff;
- The large portion of the staff will continue to do their work off-site (mostly outreach counselors);
- The capacity forecasts are theoretical and the capacity overage is nominal (7%);
- The future flow from Kalihi YMCA project represents a very small portion of the total flow;
- The projected over-capacity period should only be about a year or so; and
- The project provides tangible community benefits that should not be delayed.

All wastewater plans will conform to the applicable provisions of the State Department of Health's Administrative Rules, Chapter 11-62, "Wastewater Systems."

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4.2.11.3 Drainage

The Kalihi YMCA site is outside of any flood boundaries (see section 4.1.2), is not a shoreline property, and lies entirely outside of the coastal flood zone attributable to either high wave action or tsunami (Figure 5).

Potential Impacts and Mitigative Measures

Because the existing site is already covered with impervious surfaces (buildings or parking), the proposed improvements are not expected to significantly alter the current overall drainage patterns of the site. Any increase in storm runoff quantity due to an increase in impervious areas created because of the project can be accommodated by the existing drainage system. Project engineering and design will pay special attention to post-construction best management practices.

Due to the location of the site, the proposed Kalihi YMCA improvements are not expected to either affect or be affected by natural flood hazards. The improvements will be designed to comply with all federal, state, and county laws regarding drainage, erosion control, and non-point source pollution. During the construction phases, any possible impact to water quality will be minimized and mitigated by the implementation of appropriate erosion control requirements.

4.2.11.4 Electrical and Communication Facilities

Primary electrical, telephone, and cable television service for the Kalihi area is provided by Hawaiian Electric Company (HECO), Verizon, and Oceanic Cable.

Potential Impacts and Mitigative Measures

Present electrical, telephone, and cable television capacities are expected to be adequate to support the proposed improvements.

4.2.11.5 Solid Waste Disposal

On O'ahu, residential and commercial wastes are hauled to landfills, the incinerator, or transfer stations. A waste-to-energy combustor, H-POWER (Honolulu Program of Waste Energy Recovery) located at the Campbell Industrial Park incinerates about 1,800 tons of combustible waste per day. The electricity generated is bought by Hawaiian Electric Company. Currently, the H-POWER facility receives all residential and commercial packer truck wastes on the island.

The Waimānalo Gulch Landfill, which opened in 1989, is the City's primary solid waste disposal facility and is located mauka of Farrington Highway near Kahe Point. The site accepts residential, commercial and nonhazardous industrial solid wastes, demolition debris and ash and residue from the H-POWER waste-to-energy facility. Wastewater treatment sludge, septic tank wastes and cesspool pumpings are accepted, provided such disposal is in accordance with the landfill's operating guidelines. The site also handles special wastes such as spent lime, contaminated foods and asbestos.

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Potential Impacts and Mitigative Measures

The proposed Kalihi YMCA improvements do not involve the disposal of hazardous materials nor the siting of sanitary landfills or closing of open dumps.

The proposed improvements will comply with the State Department of Health and the City and County of Honolulu Department of Facility Maintenance requirements to ensure that all aspects of the project conform to the program goals and objectives of the Integrated Solid Waste Management Act, Chapter 342G, Hawai'i Revised Statutes, and the County's approved integrated solid waste management plans in accordance with a schedule and time frame satisfactory to the Department of Health.

Vegetation removed from the property during the construction will be chipped and then hauled to a green waste disposal site for composting. Green waste will be disposed of in compliance with all state and county laws and ordinances.

Solid waste generated during the operation of the project will be collected by a private collection service and disposed of by the City and County of Honolulu, Department of Environmental Services, Refuse Division.

5.0 DESCRIPTION OF ALTERNATIVES

In compliance with the provisions of Title 11, Department of Health, Chapter 200, Environmental Impact Statement Rules, Section 11-200-17(f), the "known feasible" alternatives to the proposed project are limited to those that would allow the objectives of the project to be met, while minimizing potential adverse environmental impacts. As such, the proposed improvements for the Kalihi YMCA have been evaluated in terms of the following.

5.1 NO ACTION ALTERNATIVE

The no action alternative will not accomplish the objective of to provide a facility that would allow both teen outreach programs and programs for children to occur simultaneously.

5.2 ALTERNATIVES

The YMCA of Honolulu obtained the land at the site of the Kalihi YMCA in 1996 and has been in operation at the site since 1952. As such, alternative locations for the expansion of services and programs were not considered at this time, as the decision to locate the Kalihi YMCA at its current location has already been made (over 50 years ago), and alternative locations for the Kalihi YMCA have already been considered and rejected because land costs in the Primary Urban Center are expensive.

5.3 PREFERRED ALTERNATIVE

Improving and expanding YMCA services at the existing Kalihi YMCA site is the preferred and most suitable alternative because:

- The YMCA of Honolulu already owns the property and land in the Primary Urban Center is expensive to acquire.
- It is consistent with community desires as expressed in several public presentations (Kalihi-Palama Neighborhood Board No. 15, Kalihi Valley Neighborhood Board No. 16, Kalihi Businessmen's Association, and Kalihi Palama Community Council).

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6.0 ANTICIPATED DETERMINATION, FINDINGS, AND REASONS SUPPORTING THE DETERMINATION

To determine whether the proposed action may have a significant impact on the environment, expected consequences, both primary and secondary, and the cumulative as well as short- and long-term effects have been evaluated. Based on the studies performed and research evaluated, it is anticipated that the Approving Authority (City and County of Honolulu Department Community Services) will issue a finding of no significant impact (FONSI) as summarized in this section.

6.1 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 impacts 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 site has already been extensively modified by improvements related to the existing Kalihi YMCA. No areas defined as "wetlands" were found to be located within the Kalihi YMCA site and no endangered plant or animal species exist on the property. The proposed improvements will also be designed in compliance with all state and county laws regarding drainage and non-point source pollution.

No significant archaeological resources are expected to be found in the area. If, however, archaeological resources are discovered, work will cease and the State Historic Preservation Division will be contacted to assess the significance of the find and to recommend appropriate mitigation measures.

Therefore, based on the above, there will be no irrevocable commitment to loss or destruction of any natural or cultural resources.

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

Since the site has already been extensively modified by improvements related to the existing Kalihi YMCA, the actual "natural environment" that may have been associated with the project site has already been curtailed by many years of urban activity. Further, the site is in the State Urban district and is zoned "Business" (B-2) by the City and County of Honolulu. Neighboring uses include the

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Final Environmental Assessment/Finding of No Significant Impact

Bishop Museum and the Kalihi-Palama Library. Thus the continued use as a YMCA is consistent with designated State and County land use designations and will not curtail the range of beneficial uses of the environment. Further, the proposed improvements will enhance the current social and recreational uses in the area and thus could be determined to be the best use of the property.

- (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;**

The proposed improvements are 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 Kalihi YMCA improvements will continue to significantly contribute to the economic and social welfare of Kalihi residents (and teens at risk elsewhere on O'ahu) by providing a range of social services. As such, it is expected that the Kalihi YMCA will have a positive effect on the community.

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

Impacts to public health may be temporarily affected by air, noise, and water quality impacts during construction, however, these will be of a short-term duration, and insignificant, especially when weighed against the positive public health benefits associated with the Kalihi YMCA.

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

The proposed improvements to the Kalihi YMCA are not expected to involve negative secondary impacts. Planned and established land use patterns within Kalihi will not be negatively or significantly altered and unplanned population changes are not expected as a result of the project. Positive secondary effects are expected in the form of increased positive social impacts within Kalihi and throughout the service area of the Kalihi YMCA, lessening the demand on public facilities and services.

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

The proposed improvements to the Kalihi YMCA will not involve a substantial degradation of environmental quality on-site or in the surrounding area. As previously stated, the site has already been extensively modified by improvements related to the Kalihi YMCA. As such, the actual "natural environment" that may have been associated with the project site has already been curtailed by previous uses and by many years of urban activity. The improvements will be designed to comply with all federal, state, and county laws regarding drainage, erosion control, and non-point source pollution. There are no anticipated impacts that would degrade environmental quality. New

KALIHI YMCA
Final Environmental Assessment/Finding of No Significant Impact

landscaping provided as part of the improvements will enhance the surrounding environment by providing new plant materials.

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

The proposed Kalihi YMCA improvements will not have a cumulative negative effect on the environment. The use of the site for a YMCA is consistent with its current use, which was established 50 years ago, in 1952. As such, the proposed improvements to the Kalihi YMCA are well thought-out and are not expected to have undesirable cumulative effects. The commitment of fiscal resources to construct proposed improvements, however, will foreclose other uses of those resources.

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

No threatened or endangered plant or animal species are known to exist on the subject property. In addition, no wetlands, streams, estuaries or other habitats that could accommodate threatened or endangered plant or animal species are present on the subject property or the surrounding area. The flora consists of exotic species due to previous landscaping. Birds and animals common to urban areas, such as rats, mice, and domesticated and feral cats, were sighted or are presumed to exist on the site and neighboring properties.

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

Long-term air quality impacts of the Kalihi YMCA are considered to be those associated with everyday use of the project. The most significant long-term emission sources will be motor vehicles, with the most significant tailpipe emission being Carbon Monoxide (CO). As in the rest of Hawai'i, trade winds can be expected to mitigate the majority of emission impacts. Short term potential impacts on air quality (fugitive dust and construction equipment exhaust emissions) may result due to construction activity, however, these impacts will be limited by appropriate construction practices.

The proposed improvements will be designed to comply with all federal, state, and county laws regarding drainage, erosion control, and non-point source pollution, therefore the affect on water quality due to the improvements is expected to be negligible. During construction phases, any possible impact to water quality will be minimized and mitigated by the implementation of appropriate erosion control requirements.

Short term noise impacts will be generated by construction of the proposed improvements, however these will be mitigated by adherence to the State Department of Health's Administrative Rules, Chapter 11-46, "Community Noise Control" and will be monitored to ensure compliance. Proper mitigating measures (such as limiting construction to daylight hours) also will be employed to minimize construction noise impacts.

Long-term noise impacts may be generated by automobiles entering the site and human activity. These are unavoidable impacts but are not considered to be significant due to: the surrounding land

KALIHI YMCA
Final Environmental Assessment/Finding of No Significant Impact

uses (Bishop Museum and the Kalihi-Palama Library), current usage, and the greater urban uses in the surrounding Kalihi area.

- (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 Kalihi YMCA is not located in or near an environmentally sensitive area and therefore is not expected to affect or be affected by flood plains, tsunami zones, beaches, erosion-prone areas, geologically hazardous land, estuaries, or freshwater or coastal waters.

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

The proposed Kalihi YMCA improvements will not significantly alter established view planes identified in county or state plans or studies.

- (13) **Requires substantial energy consumption.**

The proposed Kalihi YMCA improvements will not require substantial energy consumption relative to other similar projects.

6.2 DETERMINATION

On the basis of the above criteria, the discussion of impacts and mitigative measures contained in this document, and the comments received in the review of the draft environmental assessment, the Approving Authority (City and County of Honolulu Department of Community Services) of this environmental assessment has determined that the proposed Kalihi YMCA improvements will not have a significant effect on the environment. Pursuant to Chapter 343, Hawaii Revised Statutes, the Approving Authority has issued a Finding of No Significant Impact (FONSI).

7.0 REFERENCES

- Allen, Gwenfread E. *The Y.M.C.A. in Hawaii 1869-1969*. Honolulu, 1969.
- Baker, H.L. et al. *Detailed Land Classification, Island of Hawai'i*. L.S. Land Study Bureau, University of Hawai'i, 1965.
- Hawai'i State Department of Agriculture. *Agricultural Lands of Importance to the State of Hawai'i*. Honolulu, Hawai'i, 1977.
- Honolulu City and County Department of General Planning. *General Plan: Objectives and Policies*. Honolulu, Hawai'i, 1992.
- Honolulu City and County Planning Department. *Primary Urban Center Development Plan Public Review Draft*. Honolulu, Hawai'i, 2002.
- McAllister, J. Gilbert. "Archaeology of O'ahu." *Bishop Museum Bulletin 104*. Bishop Museum Press, Honolulu. 1933.
- Mitchell, Donald D. Kilokani. *Kū Kilakila 'O Kamehameha*. Kamehameha Schools/Bernice Pauahi Bishop Estate, Honolulu, 1993.
- United States Department of Agriculture Soil Conservation Service. *Islands of Kaua'i, O'ahu, Maui, Moloka'i, and Lāna'i, State of Hawai'i*, 1972.

KALIHI YMCA
Final Environmental Assessment/Finding of No Significant Impact

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KALIHI YMCA
Final Environmental Assessment/Finding of No Significant Impact

8.0 COMMENTS ON THE DRAFT ENVIRONMENTAL ASSESSMENT & RESPONSES

The draft environmental assessment was sent to the following agencies, organizations, and individuals. Where indicated the agency, organization, or individual submitted comments.

AGENCY	DEA Mail Date	Date of Comments
STATE		
Department of Business Economic Development and Tourism - Planning Office	11/22/02	
Department of Land and Natural Resources—Historic Preservation Division	11/22/02	
Kalihi-Palama Library	11/22/02	
Office of Environmental Quality Control	11/12/02	12/23/02
Office of Hawaiian Affairs	11/22/02	12/10/02
Department of Transportation	1/7/03	
CITY AND COUNTY OF HONOLULU		
Board of Water Supply	11/22/02	12/6/02
City Councilmember Romy Cachola	11/22/02	
Department of Community Services	11/22/02	
Fire Department	11/22/02	12/18/02
Department of Parks and Recreation	11/22/02	12/10/02
Department of Planning and Permitting	11/22/02	12/20/02
Police Department	11/22/02	12/17/02
Kalihi-Palama Neighborhood Board	11/22/02	
Kalihi Valley Neighborhood Board	11/22/02	
FEDERAL		
Senator Daniel K. Inouye	11/22/02	
Housing and Urban Development	11/22/02	12/30/02
US Fish and Wildlife Service	11/22/02	
COMMUNITY/PRIVATE		
Kalihi Business Association	11/22/02	
Kalihi-Palama Community Council	11/22/02	

KALIHI YMCA
Final Environmental Assessment/Finding of No Significant Impact

AGENCY	DEA Mail Date	Date of Comments
Outdoor Circle	12/6/02	

The following pages contain comment letters received and responses.

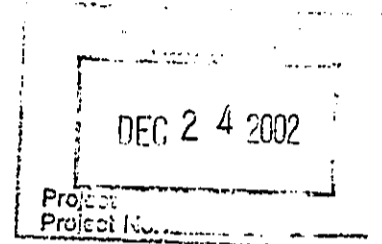
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LINDA LINGLE
GOVERNOR OF HAWAII



GENEVIEVE SALMONSON
DIRECTOR

STATE OF HAWAII
OFFICE OF ENVIRONMENTAL QUALITY CONTROL
235 SOUTH BERETAMA STREET
SUITE 702
HONOLULU, HAWAII 96813
Telephone (808) 586-4185
Facsimile (808) 586-4185
Email: oeqc@hawaii.state.hi.us



December 23, 2002

Mr. Michael T. Amii, Director
Department of Community Services
City and County of Honolulu
715 South King Street, Suite 311
Honolulu, Hawai'i 96813

Dear Mr. Amii:

Subject: Draft Environmental Assessment for the Kalihi YMCA

Thank you for the opportunity to review the subject document. We do not have any comments.

Should you have any questions, please call Jeyan Thirugnanam at 586-4185.

Sincerely,

A handwritten signature in cursive script, appearing to read "Genevieve Salmonson".

Genevieve Salmonson
Director

c: PBR



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December 26, 2002

Ms. Genevieve Salmonson
Director
State of Hawai'i
Office of Environmental Quality Control
235 South Beretania Street, Suite 702
Honolulu, Hawai'i 96813

SUBJECT: KALIHI YMCA DRAFT ENVIRONMENTAL ASSESSMENT

Dear Ms. Salmonson:

Thank you for your letter regarding the Kalihi YMCA Draft Environmental Assessment (EA) dated December 23, 2002. We note that the Office of Environmental Quality Control has no comments on the project.

We appreciate your participation in the review of the draft EA.

Sincerely,

PBR HAWAII

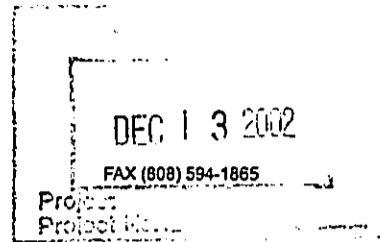
Vincent Shigekumi
Principal

cc: Glenn Tsugawa/YMCA of Honolulu
Paul Kobata/Dept. of Community Services

PHONE (808) 594-1888



STATE OF HAWAII
OFFICE OF HAWAIIAN AFFAIRS
711 KAPI'OLANI BOULEVARD, SUITE 500
HONOLULU, HAWAII 96813



HRD02/855

December 10, 2002

Vincent Shigekuni
PBR Hawaii
Pacific Tower, Suite 650
1001 Bishop Street
Honolulu, HI 96813

Re: Kalihi YMCA

Dear Mr. Shigekuni,

The Office of Hawaiian Affairs is in receipt of your request for comments on the above referenced project. At this time, OHA has no comment on the project. We reserve the right to provide comments in the future, should the need arise.

If you have further questions, please contact Pua Aiu, Policy Analyst at 594-1931 or by e-mail at paiu@oha.org.

Sincerely,

A handwritten signature in black ink that reads "Ernest Kimoto".

Ernest Kimoto
Acting Director
Hawaiian Rights Division

cc: Office of Environmental Quality Control
Mr. Paul Kobata, Department of Community Services



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December 13, 2002

Mr. Ernest Kimoto
Acting Director
Hawaiian Rights Division
State of Hawai'i
Office of Hawaiian Affairs
711 Kapi'olani Boulevard, Suite 500
Honolulu, Hawai'i 96813

**SUBJECT: KALIHI YMCA DRAFT ENVIRONMENTAL
ASSESSMENT**

Dear Mr. Kimoto:

Thank you for your letter regarding the Kalihi YMCA Draft Environmental Assessment (EA) dated December 10, 2002. We note that the Office of Hawaiian Affairs has no comment on the project at this time. We understand that OHA reserves the right to comment in the future, should the need arise.

We appreciate your participation in the review of the draft EA.

Sincerely,

PBR HAWAII

Vincent Shigekuni
Principal

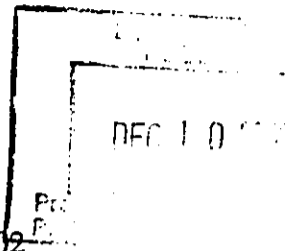
cc: Glenn Tsugawa/YMCA of Honolulu
Paul Kobata/Dept. of Community Services
Genevieve Salmonson/OEQC

BOARD OF WATER SUPPLY

CITY AND COUNTY OF HONOLULU
630 SOUTH BERETANIA STREET
HONOLULU, HI 96843



December 6, 2002



JEREMY HARRIS, Mayor

EDDIE FLORES, JR., Chairman
CHARLES A. STED, Vice Chairman
JAN M.L.Y. AMII
HERBERT S.K. KAOPUA, SR.
DAROLYN H. LENDIO

CLIFFORD S. JAMILE
Manager and Chief Engineer

DONNA FAY K. KIYOSAKI
Deputy Manager and Chief Engineer

Mr. Vincent Shigekuni
PBR Hawaii
Pacific Tower, Suite 650
1001 Bishop Street
Honolulu, Hawaii 96813

Dear Mr. Shigekuni:

Subject: Your Letter of November 23, 2002 on the Draft Environmental Assessment for the Kalihi YMCA, TMK: 1-6-24: 4

Thank you for the opportunity to review the subject document for the proposed YMCA expansion.

The existing water system is presently adequate to accommodate the proposed expansion.

The availability of water will be confirmed when the building permit is approved. When water is made available, the applicant will be required to pay our Water System Facilities Charges for resource development, transmission and daily storage.

The proposed project is subject to Board of Water Supply Cross-Connection Control and Backflow Prevention requirements prior to the issuance of the Building Permit Applications.

If you have any questions, please contact Joseph Kaakua at 527-6123.

Very truly yours,

for CLIFFORD S. JAMILE
Manager and Chief Engineer

cc: Paul Kobata, Department of Community Services
Office of Environmental Quality Control



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December 11, 2002

Mr. Clifford S. Jamile
Manager and Chief Engineer
Board of Water Supply
City and County of Honolulu
630 South Beretania Street
Honolulu, Hawaii 96843

**SUBJECT: KALIHI YMCA DRAFT ENVIRONMENTAL ASSESSMENT, TMK
1-6-24:04**

Dear Mr. Jamile:

Thank you for your letter regarding the Kalihi YMCA Draft Environmental Assessment (EA) dated December 6, 2002.

Thank you for confirming the existing water system is presently adequate to accommodate the proposed YMCA improvements.

We acknowledge: 1) the availability of water will be confirmed when the building permits are approved; 2) when water is made available, the applicant will be required to pay the Board of Water Supply's Water System Facilities Charges; 3) the proposed improvements are subject to Board of Water Supply Cross-Connection Control and Backflow Prevention requirements before the issuance of the building permit applications.

Your comments will be incorporated into the Final EA.

Sincerely,

PBR HAWAII

Vincent Shigekuni
Principal

cc: Glenn Tsugawa/YMCA of Honolulu
Paul Kobata/Dept. of Community Services
Genevieve Salmonson/OEQC

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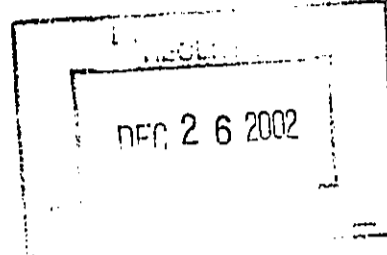
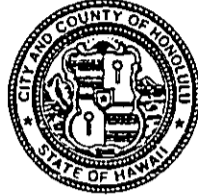
FIRE DEPARTMENT
CITY AND COUNTY OF HONOLULU

3375 KOAPAKA STREET, SUITE H425 • HONOLULU, HAWAII 96819-1869
TELEPHONE: (808) 831-7761 • FAX: (808) 831-7750 • INTERNET: www.honolulufire.org



ATTILIO K. LEONARDI
FIRE CHIEF

JOHN CLARK
DEPUTY FIRE CHIEF



JEREMY HARRIS
MAYOR

December 18, 2002

Mr. Vincent Shigekuni
PBR Hawaii
1001 Bishop Street
Pacific Tower, Suite 650
Honolulu, Hawaii 96813-3429

Dear Mr. Shigekuni:

Subject: Draft Environmental Assessment for Kalihi YMCA
Tax Map Key: 1-6-024: 004

We received your letter dated November 23, 2002, requesting our comments on the Draft Environmental Assessment for the above-mentioned project. We have conducted an on-site inspection and determined that the project will not have an adverse impact on the services provided by the Honolulu Fire Department.

Should you have any questions, please call Acting Battalion Chief Ricky Muramoto of our Fire Prevention Bureau at 831-7778.

Sincerely,

A handwritten signature in black ink that reads 'Attilio K. Leonardi'.

ATTILIO K. LEONARDI
Fire Chief

AKL/SK:jl

cc: Office of Environmental Quality Control
Paul Kobata, Department of Community Services

PBR
HAWAII

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December 26, 2002

Chief Attilio K. Leonardi
Fire Department
City and County of Honolulu
3375 Koapaka Street, Suite 425
Honolulu, Hawaii 96819-1869

SUBJECT: KALIHI YMCA DRAFT ENVIRONMENTAL ASSESSMENT

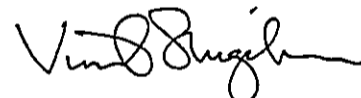
Dear Chief Leonardi:

Thank you for your letter regarding the Kalihi YMCA Draft Environmental Assessment (EA) dated December 18, 2002. We note that your department has conducted an on-site inspection and determined that the project will not have an adverse impact on the services provided by the Honolulu Fire Department.

We appreciate your participation in the review of the draft EA.

Sincerely,

PBR HAWAII



Vincent Shigekuni
Principal

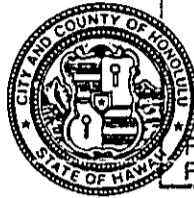
cc: Glenn Tsugawa/YMCA of Honolulu
Paul Kobata/Dept. of Community Services
Genevieve Salmonson/OEQC

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DEPARTMENT OF PARKS AND RECREATION
CITY AND COUNTY OF HONOLULU

1000 ULUOHIA STREET, SUITE 309 • KAPOLEI, HAWAII 96707
TELEPHONE: (808) 692-5561 • FAX: (808) 692-5131 • INTERNET: www.co.honolulu.hi.us

JEREMY HARRIS
MAYOR



DEC 13 2002

WILLIAM D. BALFOUR, JR.
DIRECTOR

EDWARD T. "SKIPPA" DIAZ
DEPUTY DIRECTOR

December 10, 2002

Mr. Vincent Shigekuni
PBR Hawaii
Pacific Tower, Suite 650
1001 Bishop Street
Honolulu, Hawaii 96813

Dear Mr. Shigekuni:

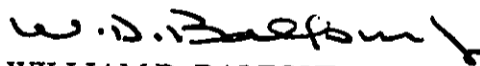
Subject: Kalihi YMCA Draft Environmental Assessment

Thank you for the opportunity to review and comment on the Draft Environmental assessment relating to the proposed improvements to the Kalihi YMCA.

The Department of Parks and Recreation has no comment on the proposed building and parking lot expansion.

Should you have any questions, please contact Mr. John Reid, Planner, at 692-5454.

Sincerely,


WILLIAM D. BALFOUR, JR.
Director

WDB:mk (J. Reid, MS)
(18380)

cc: Office of Environmental Quality Control
Mr. Don Griffin, Department of Design and Construction



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December 13, 2002

Mr. William D. Balfour, Jr.,
Director
Department of Parks and Recreation
City and County of Honolulu
1000 Uluohia Street, Suite 309
Kapolei, Hawaii 96707

**SUBJECT: KALIHI YMCA DRAFT ENVIRONMENTAL
ASSESSMENT**

Dear Mr. Balfour:

Thank you for your letter regarding the Kalihi YMCA Draft Environmental Assessment (EA) dated December 10, 2002. We note that the Department of Parks and Recreation has no comment.

We appreciate your participation in the review of the draft EA.

Sincerely,

PBR HAWAII

Vincent Shigekuni
Principal

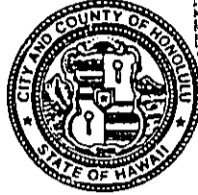
cc: Glenn Tsugawa/YMCA of Honolulu
Paul Kobata/Dept. of Community Services
Genevieve Salmonson/OEQC

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DEPARTMENT OF PLANNING AND PERMITTING
CITY AND COUNTY OF HONOLULU

650 SOUTH KING STREET • HONOLULU, HAWAII 96813
TELEPHONE: (808) 523-4414 • FAX: (808) 527-6743 • INTERNET: www.co.honolulu.hi.us

JEREMY HARRIS
MAYOR



DEC 23 2002

ERIC G. CRISPIN, AIA
Acting Director

LORETTA K.C. CHEE
DEPUTY DIRECTOR

2002/ELOG-3426 (JP)

December 20, 2002

Mr. Vincent Shigekuni
PBR Hawaii
Pacific Tower, Suite 650
1001 Bishop Street
Honolulu, Hawaii 96813

Dear Mr. Shigekuni:

**Draft Environmental Assessment
Kalihi YMCA Redevelopment Project
1335 Kalihi Street - Kalihi
Tax Map Key 1-6-24: 4**

This responds to your request dated November 23, 2002 that we review your Draft Environmental Assessment (DEA) for the Kalihi YMCA redevelopment project on the above property, which is in the B-1 Community Business District. We have the following comments:

1. Section 3.4, List of Permits (page 10). The DEA ("Table 1") correctly identifies that the project requires a zoning variance. However, the Final Environmental Assessment (FEA) should further state that the zoning variance is necessary to allow less than the minimum number of required off-street parking spaces, and summarize the nature of the request.
2. Section 4.2.11.2, Wastewater Facilities (page 32). The DEA assumes that the existing municipal wastewater system is presently adequate to accommodate the additional demand associated with the project, but this is an erroneous assumption. In fact, the existing municipal sewer system is not adequate to accommodate the proposed project. The inadequacy exists in a 10-inch sewer line that crosses the H-1 freeway. Fortunately, the Halona Street Relief Sewer (HSRS) project is programmed to correct this inadequacy. The relief sewer project is tentatively scheduled for completion in 2005. Connection of the new YMCA building to the municipal sewer will not be approved prior to completion of the HSRS project. The FEA should be revised to correctly represent the

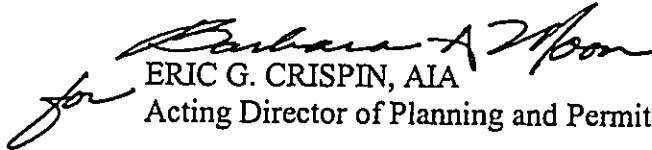
Mr. Vincent Shigekuni
Page 2
December 20, 2002

circumstances associated with the existing wastewater facilities, and discuss how the deficiencies will be addressed.

3. We suggest the DEA include information relating the project to the Kalihi-Palama Action Plan. This community-based, City-sponsored plan is about 70 percent complete. Further, the Kalihi-Palama Community Vision Group No. 6 may benefit from related and/or coordinated improvements. The applicant may contact its City Facilitator, Mr. Keoki Miyamoto, at 527-6379. For more information concerning the Kalihi-Palama Action Plan, you may contact Joanne Hiramitsu, with Townscape Inc., at 536-6999.
4. Kalihi Street fronting the access to the project site is under the jurisdiction of the State Department of Transportation (SDOT). We assume the SDOT is reviewing the DEA.

Thank you for the opportunity to comment. Please contact Jamie Peirson of our staff at 527-5754 if you have any questions concerning our response.

Sincerely yours,


ERIC G. CRISPIN, AIA
Acting Director of Planning and Permitting

EGC:cs
cc: OEQC
DCS (Attn. Paul Kobata)

POSSE doc. no. 194548



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January 14, 2003

Mr. Eric G. Crispin, AIA
Director
Department of Planning and Permitting
City and County of Honolulu
650 South King Street
Honolulu, Hawaii 96813

SUBJECT: KALIHI YMCA DRAFT ENVIRONMENTAL ASSESSMENT

Dear Mr. Crispin:

Thank you for your letter regarding the Kalihi YMCA Draft Environmental Assessment (EA) dated December 20, 2002. We offer the following responses to your department's comments:

- 1. Section 3.3 will be revised to add the following paragraph:

"The proposed building requires a total of 85 parking spaces. There will be approximately 51 parking spaces provided on the site. Thus, the parking will be nonconforming. The proposed new facilities will lack 34 required parking spaces. As a result, a Variance from Land Use Ordinance Section 21-6.20 (Table 21-6.1) relating to off-street parking regulations is required. An application will be processed pending successful approval of this Environmental Assessment."

- 2. The last sentence of the fourth paragraph of Section 4.2.11.2 will be revised to read as follows:

"The existing off-site wastewater collection is presently inadequate to accommodate the estimated demand associated with the project. The inadequacy exists in a 10-inch sewer line that crosses the H-1 Freeway. However, the Halona Street Relief Sewer project is programmed to correct this inadequacy. The relief sewer project is tentatively scheduled for completion in 2005. The YMCA of Honolulu intends to appeal to the Director of the Department of Environmental Services to make an exception for the proposed project. The appeal will be based on the following:

- The projected small increase in staff;
- The large portion of the staff will continue to do their work off-site (mostly outreach counselors);
- The capacity forecasts are theoretical and the capacity overage is nominal (7%);
- The future flow from Kalihi YMCA project represents a very small portion of the total flow;
- The projected over-capacity period should only be about a year or so; and
- The project provides tangible community benefits that should not be delayed.

Mr. Eric G. Crispin, AIA
SUBJECT: KALIHI YMCA DRAFT ENVIRONMENTAL ASSESSMENT
January 14, 2003
Page 2

Also the second paragraph of Section 4.1.18 will be revised to read as follows:

"After the proposed project is completed and in operation, the Kalihi YMCA will continue to use the municipal water supply and solid waste disposal systems, and no adverse impacts are expected, therefore, no unique mitigative measures are warranted. The Kalihi YMCA will request a connection to the municipal sanitary sewer system. The existing off-site wastewater collection is presently inadequate to accommodate the estimated demand associated with the project. The inadequacy exists in a 10-inch sewer line that crosses the H-1 Freeway. However, the Halona Street Relief Sewer project is programmed to correct this inadequacy. The relief sewer project is tentatively scheduled for completion in 2005. The YMCA of Honolulu intends to appeal to the Director of the Department of Environmental Services to make an exception for the proposed project. The appeal will be based on the following:

- The projected small increase in staff;*
- The large portion of the staff will continue to do their work off-site (mostly outreach counselors);*
- The capacity forecasts are theoretical and the capacity overage is nominal (7%);*
- The future flow from Kalihi YMCA project represents a very small portion of the total flow;*
- The projected over-capacity period should only be about a year or so; and*
- The project provides tangible community benefits that should not be delayed.*

For more information on infrastructure systems see section 4.2.11."

3. Per your department's suggestion we contacted both Keoki Miyamoto (DTS) and Joanne Hiramitsu (Townscapes) regarding the Kalihi-Palama Action Plan, and they confirmed that the Action Plan is not complete and is not in a state that is available for public review. Based on available information, the following will be included in the Final EA:

"In 1998, the City and County of Honolulu created the 21st Century Visioning Process. The Visioning Process was created in direct response to a need to bring residents, business leaders and local government together to improve Honolulu's neighborhoods at the grassroots level. In a cooperative effort, 19 vision teams develop and update vision statements, concepts, and priorities. Based on this direction, capital improvement projects are determined and funded by an equal budget allocation for each of the vision teams. The project site is located within the Vision District No. 6, Kalihi-Palama. The only Vision Project listed for Vision District No. 6 within Fiscal Year 2002 is the King Street Improvements - Phase II. The Vision statement for this project is as follows:

"Continue to revitalize the King Street Corridor through Kalihi-Palama, through the implementation of thoughtful planning & design ideas, to promote beautification, improve infrastructure, stimulate economic growth, preserve historic integrity and increase community awareness and participation."

Discussion: As the Kalihi YMCA site is not located within the King Street Corridor, no impacts are expected to King Street Improvements project. However, the proposed Kalihi YMCA project will

Mr. Eric G. Crispin, AIA
SUBJECT: KALIHI YMCA DRAFT ENVIRONMENTAL ASSESSMENT
January 14, 2003
Page 3

result in improvements to a portion of Kalihi Street, which will result in beautifying and increasing community pride in Kalihi.

The Community Vision Group 6's vision for Kalihi-Palama, includes the following statements:

"We value the beauty, history and cultural diversity of Kalihi."

Discussion: The proposed Kalihi YMCA project will help to promote and maintain a sense of community and neighborhood.

"We value recreational opportunities within our community."

Discussion: The proposed Kalihi YMCA will provide more sports and recreational activities.

"We treasure our youth and are dedicated to helping them create a bright future."

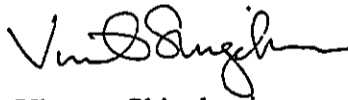
The YMCA of Honolulu respects youth as a viable community resource and creates opportunities for their contributions."

4. A copy of the EA has been sent to the State Department of Transportation for review and comments.

We appreciate your participation in the review of the draft EA.

Sincerely,

PBR HAWAII



Vincent Shigekuni
Principal

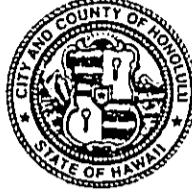
cc: Glenn Tsugawa/YMCA of Honolulu
Paul Kobata/Dept. of Community Services
Genevieve Salmonson/OEQC
Roland Libby/AM Partners, Inc.

POLICE DEPARTMENT
CITY AND COUNTY OF HONOLULU

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DEC 20 2002

JEREMY HARRIS
MAYOR



LEE D. DONOHUE
CHIEF

GLEN R. KAJIYAMA
PAUL D. PUTZULU
DEPUTY CHIEFS

OUR REFERENCE CS-KP

December 17, 2002

Mr. Vincent Shigekuni
PBR Hawaii
Pacific Tower, Suite 650
1001 Bishop Street
Honolulu, Hawaii 96813

Dear Mr. Shigekuni:

Thank you for the opportunity to review and comment on the Draft Environmental Assessment for the Kalihi YMCA.

This proposal should not adversely impact the facilities or services provided by this department.

If there are any questions, please call Ms. Carol Sodetani of the Support Services Bureau at 529-3658.

Sincerely,

LEE D. DONOHUE
Chief of Police

By *Kenneth B. Simmons*
KENNETH SIMMONS
Acting Assistant Chief of Police
Support Services Bureau

cc: Mr. Paul Kobata, Planner
Department of Community
Services

OEQC

Serving and Protecting with Aloha



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GRANT MURAKAMI, AICP
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December 20, 2002

Chief Lee D. Donohue
Police Department
City and County of Honolulu
801 South Beretania Street
Honolulu, Hawaii 96813

Attention: Mr. Kenneth Simmons
Acting Assistant Chief of Police
Support Services Bureau

SUBJECT: KALIHI YMCA DRAFT ENVIRONMENTAL ASSESSMENT

Dear Chief Donohue:

Thank you for your letter regarding the Kalihi YMCA Draft Environmental Assessment (EA) dated December 17, 2002 (your reference no. CS-KP). We note that the proposed project "should not adversely impact" the facilities and services provided by the Police Department.

We appreciate your participation in the review of the draft EA.

Sincerely,

PBR HAWAII

Vincent Shigekuni
Principal

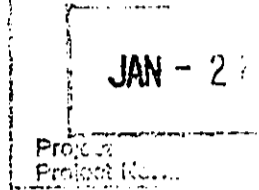
cc: Glenn Tsugawa/YMCA of Honolulu
Paul Kobata/Dept. of Community Services
Genevieve Salmonson/OEQC



U.S. Department of Housing and Urban Development

Hawaii State Office
500 Ala Moana Boulevard, Suite 3A
Honolulu, Hawaii 96813
<http://www.hud.gov>

DEC 30 2002



Mr. Vincent Shigekuni
PBR Hawaii
Pacific Tower, Suite 650
1001 Bishop Street
Honolulu, Hawai'i 96813

Dear Mr. Shigekuni:

Subject: Kalihi YMCA Draft Environmental Assessment

We have received and reviewed the Draft Environmental Assessment (EA) for the Kalihi YMCA. We have the following comments and concerns regarding the EA:

Section 4.1.4 Noise/Noise Abatement describes the Kalihi YMCA as situated 4.5 miles from Hickam Air Force Base and over two miles from Honolulu International Airport. The distance from these facilities is shown in Figure 6 of the EA. The EA further states that the average day-night sound levels surrounding the Kalihi YMCA are less than 55 LDN. Neither Figure 6 nor any other information indicates the relationship of distance to diminishing sound levels.

Section 4.1.7 Protection of Wetlands references the Hawai'i USGS Quadrangle map. A copy of the map should be attached to the EA.

Section 4.1.9 on Endangered Species simply states that the construction of the Kalihi YMCA will not affect any listed or proposed endangered or threatened species or critical habitat. The premise that no endangered species currently exist on the property must be validated and documented.

Section 4.2.11.3 Drainage, should include a map indicating that the property is outside of the coastal flood zone.

Thank you for the opportunity to review the draft EA for the Kalihi YMCA. If you have any questions regarding our comments, please contact Lynn J. Lee, Senior Community Planning and Development Representative at 522-8180, extension 276.

Sincerely,



Mark A. Chandler, Director
Office of Community Planning
and Development

cc:

Mr. Paul Kobata
Department of Community Services
CBED Office of Special Projects
City and County of Honolulu
711 Kapi'olani Blvd., Room 1422
Honolulu, Hawai'i 96813

Ms. Jean Tanji
Federal Grants Coordinator
Department of Budget and Fiscal Services
City and County of Honolulu
530 South King Street, Room #208
Honolulu, Hawai'i 96813

Office of Environmental Quality Control
235 S. Beretania Street, Suite 702
Honolulu, Hawai'i 96813



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January 14, 2003

Mr. Mark A. Chandler, Director
Office of Community Planning and Development
U.S. Department of Housing and Urban Development
Hawaii State Office
500 Ala Moana Boulevard, Suite 3A
Honolulu, Hawaii 96813

**SUBJECT: KALIHI YMCA DRAFT ENVIRONMENTAL ASSESSMENT, TMK
1-6-24: 04**

Dear Mr. Chandler:

Thank you for your letter regarding the Kalihi YMCA Draft Environmental Assessment (EA) dated December 30, 2002. We offer the following responses to your comments:

1. The Final EA will include a Figure 6A, which will indicate the average day-night sound levels from Honolulu International Airport.
2. The Final EA will include a Figure 6B, which will indicate whether there are USDI Fish & Wildlife Service-designated wetlands on or near the project site.
3. The Final EA will contain documentation that supports statements made on the environmental conditions at the site of the Kalihi YMCA.
4. The Final EA will include a revised Figure 5 (Flood Insurance Rate Map), which will show that the property is outside of the coastal flood zone.

Thank you for your review of the draft EA. As noted above the final EA will incorporate your concerns.

Sincerely,

PBR HAWAII

Vincent Shigekuni
Principal

cc: Glenn Tsugawa/YMCA of Honolulu
Paul Kobata/Dept. of Community Services
Genevieve Salmonson/OEQC



Appendix A

HUD Statutory Checklist

HUD STATUTORY CHECKLIST

Name of Project/Activity Kalihi YMCA Expansion

Project No. _____

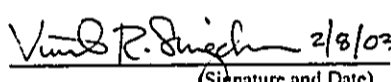
A

Description of Project/Activities: The project involves the reconstruction and expansion of the Kalihi YMCA facility at its current location, in order to improve and expand services. The current Kalihi YMCA building was constructed in 1952 on 21,824 square feet of leased land. While the Y was able to purchase the land in 1996, no major capital improvements have been made for nearly 50 years. Programs provided have doubled and tripled in size, with no additional space for teens or staff. The potential to serve even more children from the Kalihi neighborhood remains strong. Federal funds are being sought because the Kalihi community is economically distressed and does not have significant resources to contribute to a capital fundraising effort. The YMCA of Honolulu plans to replace the current 6,000 square foot building with a new one that will be approximately 28,000 square feet. The new building will be a multi-story building, doubling the amount of activity space for teens as well as office space for teen counselors.

B

EVALUATE EACH STATUTE, EXECUTIVE ORDER AND HUD REGULATION/NOTICE ON PAGES 2 & 3 FOR THEIR APPLICABILITY TO THE PROPOSED ACTION(S). CHECK AND COMPLETE THE APPROPRIATE STATEMENT AS NECESSARY. ENTER DETERMINATION IN COLUMN 2 OR 3 BELOW; COMPLETE BLOCK "C" OR "D"; COMPLETE BLOCK "E" AFTER COMPLIANCE IS ACHIEVED WITH EACH AUTHORITY LISTED IN COLUMN (1).

(1) Statutes, Executive Orders and HUD Regulations/Notices	(2) Not Applicable As Certified on Pages 2 & 3	(3) Compliance Required. Make Reference to and Attach Source Documentation and Analysis to Show Compliance with Applicable Authorities per 58.5.
Historic Properties	X	While the project was subject to compliance with Section 106 of the National Preservation Act of 1966, on October 2, 2002, the State Historic Preservation Division wrote that no historic properties would be affected.
Floodplain Management	X	The project site is located outside of the 100-year floodplain hazard area identified by the FIRM map (panel number 15001, Panel 0353E, November 20, 2000).
Wetlands Protection	X	The project is not located within or adjacent to a wetland identified by or delineated on USDI Fish & Wildlife Service Honolulu, Hawaii USGS Quadrangle Map.
Coastal Zones	X	Based on a review using a general consistency certification that was approved by the State Department of Business, Economic Development and Tourism, the proposed action is consistent with the Hawaii Coastal Zone Management Program.
Endangered Species	X	Due to the developed nature and urban setting of the site, the project will not affect Federally-listed species or proposed species, or proposed or designated critical habitats.
Farmlands Protection	X	According to the Agricultural Lands of Importance to the State of Hawaii (ALISH) system, the site is located within "Existing Urban Development" and does not include lands classified as being "Prime", "Unique" or "Other Important" agricultural land. According to the State Land Study Bureau Detailed Land Classification system, the subject property is designated "Urban."
Air Quality	X	Per the EPA website, the State of Hawaii has no "non-attainment" sites. Thus the project is located within an "attainment area."
Water Quality	X	According to the HUD-EPA (Region IX) Sole Source Aquifer Memorandum of Understanding of 1990, the project need not be referred to EPA for evaluation because the project involves the construction of public facilities which will be served by an existing publicly owned and operated sewerage system (Section II.B.1.).
Noise	X	The project/activity is not subject to current noise levels that exceed 65 LDN as determined by State of Hawaii Department of Transportation Airports Division Honolulu International Airport Master Plan Update and Noise Compatibility Program 1992 Noise Exposure Map Showing Non-Compatible 1985 Land Use & Noise Sensitive Public Buildings.
Thermal/Explosives	X	Based on site inspection, the project will expose neither people nor buildings to explosive or flammable fuels or chemical containers.
Airport Clear Zones	X	The project site is not located in or near a Clear Zone at a civil or military airfield or in or near an Accident Potential Zone at a military airfield. The

		site is located approximately 8,500 feet from the end of the nearest runway of Honolulu International Airport (HIA). The Hickam Air Force Base is located to the west of the HIA (and further away from the project site).
Solid Waste Disposal	X	Project/Activity does not involve the disposal of hazardous materials nor siting of sanitary landfills or closing of open dumps.
Toxic Chemicals and Radioactive Wastes	X	The project site is not affected by toxic chemicals or radioactive material based on site inspection and information check of the EPA Superfund National Priorities, CERCLA and State Department of Health lists.
Coastal Barrier Resources Wild and Scenic Rivers		Federal legislation and implementing regulations concerning these resources do not apply to the State of Hawaii, Guam, MMI, TTP1 or American Samoa, as amended.
<p>_____ Project/activity is exempt from an environmental review in accordance with 24 CFR Part 58.34(a)(1-12). Applicable subsection is 58.34(a)____. List applicable subsection for each activity in Block A.</p> <p>_____ None of the Statutes, Executive Orders or HUD regulations or Notices are applicable to the proposed project/activity, therefore, it is converted to an exempt status in accordance with 24 CFR Part 58.34(12)(B).</p> <p>C Exempt activities or categorically excluded activities converted to exempt status do not require the recipient to: publish a public notice; submit a Request for Release of Funds and certification to HUD and no further approval from HUD will be needed by the recipient for drawdown of Title I funds__ to carry out exempt activities. (24 CFR Part 58.34(b))</p> <p>_____ Project/activity is categorically excluded but requires compliance with one or more of the authorities listed in Block B.</p> <p>D Categorically excluded projects/activities that require compliance with one or more of the authorities requires the recipient to document its compliance with each authority. A copy of the assessment ___is/___ is not attached. The recipient is required to: 1) publish a public notice of Intent to Request for Release of Funds; 2) Submit Request for Release of Funds and certification to HUD before drawdown of funds to implement the proposed project/activity. See 24 CFR Part 58.35(b) and 58.70.</p>		
<p>E HO-SC86 1/3</p> <p style="text-align: center;"> <u>Vincent R. Shigekuni, Principal</u> (Name and Title) </p> <p style="text-align: right;">  2/8/03 (Signature and Date) </p>		

HISTORIC PROPERTIES: The National Historic Preservation Act of 1966 (P.L. 89-666) (16 U.S.C. 470); Preservation of Historic and Archaeological Data Act of 1974 (P.L. 93-291) (16 U.S.C. 469); Executive Order 11593. Implementing Regulations: Protection and Enhancement of the Cultural Environment, 36 CFR Part 800 or 801 F.R. 1/30/79.

The site for the proposed action is not listed nor eligible for listing on the National Register of Historic places based on: consultation with the SHOP; information checks with the Federal Register; local authorities and interest groups; field observation.

Action is subject to compliance with Section 106 of the National Preservation Act of 1966. Compliance achieved on October 2, 2002, documentation attached.

FLOODPLAIN MANAGEMENT: Flood Disaster Protection Act of 1973 (P.L. 93-234) and implementing regulations; National Flood Insurance Program (44 CFR Parts 59-79); Executive Order 11988; Water Resources Council Guidelines on Implementing E.O. 11988; Section 404 of the Clean Water Act of 1977.

The project/activity is located outside of the 100 year floodplain hazard area identified by the FIRM or FIA Flood Hazard Boundary map panel number 15003C0353 not subject to compliance with E.O. 11988.

The proposed action is located within the 100 year floodplain and compliance with E.O. 11990 is required. Documentation for compliance with the E.O. was completed on _____ (date) and is attached.

Proposed action requires construction or fill in waters of the U.S. or adjacent wetlands, Department of Army permit required (Section 404 of the Clean Water Act). Its issuance is contingent upon a federal consistency determination with the local Coastal Zone Management Program.

Flood insurance required. Policy issued to:

WETLANDS PROTECTION: Executive Order 11990; Water Resources Council Guidelines for Implementing E.O. 11988.

The proposed action is not within a wetland area nor will it have an adverse impact on an adjacent wetland area. This determination is made by: Field observation; consultation with the U.S. Corps of Engineers; Other (Review of USDI FWS Honolulu, Hawaii USGS Quadrangle Map).

The proposed action is located within a wetland or will impact on one nearby. Documentation for compliance with the E.O. was completed on _____ (date) and is attached. If action requires fill, a Department of Army Permit is required (Section 404 of the Clean Water Act). Its issuance is contingent upon a consistency determination with the local Coastal Zone Management Program. Copy of permit is attached.

Flood insurance required. Policy issued to:

COASTAL ZONE MANAGEMENT: Coastal Zone Management Act of 1972 (P.L. 92-583) (16 U.S.C. 1451, et seq.); Executive Order 11990; 15 CFR Part 930.

Not applicable to _____ (TT only)

The proposed action is consistent with the approved Coastal Management Program for the area. Consistency determination is attached.

The proposed action will have an impact on the coastal area which required a permit from the _____ agency/department. The permit was issued on _____ (date) and a copy is attached.

ENDANGERED SPECIES: The Endangered Species Act of 1973 (16 U.S.C. 1531-1543) Section 7; 50 CFR Part 402.

The proposed action will not affect any endangered species of plants or animals, nor any critical habitat. This determination was made based on: consultation with U.S. Fish and Wildlife Service (FWS); consultation with local authority _____ (Dept./Agency); Field Observation.

Formal Consultation required with the U.S. FWS under Section 7 (16 U.S.C. 1536). Compliance achieved on _____ (date) documentation attached.

FARMLANDS PROTECTION: Farmland Protection Policy Act of 1981 7 U.S.C. 4201, et seq.; 7 CFR Part 658 (Subtitle I of the Agriculture and Food Act of 1981).

The proposed action will not adversely impact prime or unique farmland nor farmlands designated as important by State and Local Government that have been approved by the Secretary of Agriculture. This determination was made by: Review of local land use plans; consultation with the District Conservationist, SCS, USDA; Field Observation.

The proposed action impacts on agricultural lands however mitigative measures were identified in the attached analysis in accordance with 7 CFR Part 658. Compliance achieved on _____ (date). Documentation attached.

AIR QUALITY: Clean Air Act (P.L. 90-148) (42 U.S.C. 7401-7642) as amended; applicable EPA implementing regulations; Volume I Guide for Rapid Assessment of Air Quality at Housing Sites by R.H. Thuillier, May 1978 and HUD format AP #1, Rapid Evaluation Procedure for Carbon Monoxide Concentrations.

Project/activity is located within an attainment area in accordance with the State Implementation Plan; is not located near a power plant or sugar mill; and is not adjacent to a traffic thoroughfare that generates CO concentration in excess of the 8 hour standard of 10 mg/m³ at project site.

Project/activity is located within a non-attainment area and/or is exposed to air pollutants that threatens the federal air quality standard for _____ (pollutant). Analysis and recommendations for clearance is attached.

WATER QUALITY: Federal Water Pollution Control Act (P.L. 95-500) as amended (33 U.S.C. 1251-1376), the Safe Drinking Water Act of 1974 (P.L. 93-523) as amended (42 U.S.C. 300f-300g-10); particularly section 1424(e) (42 U.S.C. 300h-303(e)).

Project/activity does not impact a sole source aquifer designated by EPA in accordance with Section 1424(e) of the Safe Drinking Water Act of 1974, as amended.

___ Project/activity is located within the Northern Groundwater Aquifer on Guam. Guam EPA has reviewed proposal in accordance with MOU between HUD, U.S. EPA, Guam EPA and GHURA. Their recommendation for clearance is attached. (Activities on Guam only.)

NOISE: Noise Control Act 42 U.S.C. 4903; 24 CFR Part 51 Subpart B: Noise Abatement and Control; HUD Noise Assessment Guidelines March 1984.

Project/activity is not subject to current or projected noise levels that exceed 65 LDN as determined by: ___ A site inspection; ___ An evaluation using HUD Noise Assessment Guidelines; or other acoustical data (State of Hawaii Department of Transportation Airports Division Honolulu International Airport Master Plan Update and Noise Compatibility Program 1992 Noise Exposure Map Showing Non-Compatible 1985 Land Use & Noise Sensitive Public Buildings).

___ Project/activity requires mitigative action to comply with 24 CFR Part 518 Noise Abatement and Control. Report prepared by _____, consultant, outlines mitigative measures for compliance with HUD standards. Copy attached.

THERMAL/EXPLOSIVE HAZARDS: 24 CFR Part 51 Subpart C - Environmental Criteria and Standards, Siting HUD-Assisted Projects Near Hazardous Operations Handling Petroleum Products or Chemicals of an Explosive or Flammable Nature.

Project/activity is not subject to hazards from explosive or flammable fuels or other hazardous chemicals based on site inspection and information on file.

___ Project/activity is subject to hazards from explosive or flammable fuels or other hazardous chemicals. Evaluation of these hazards and recommended mitigative measures are: ___ Included in attached study; ___ Mitigative measures will be incorporated into project design.

CLEAR ZONES AT AIRPORTS: 24 CFR Part 51 Subpart D - Siting of HUD Assisted Projects in Runway Clear Zones at Civil Airports and Clear zones and Accident Potential Zones at Military Airfields.

Project/activity is not located in or near a Clear Zone at a civil or military airfield nor in or near an Accident Potential Zone at a military airfield.

___ Project/activity is located within an existing or future Clear Zone or Accident Potential Zone. Approval of proposed action is consistent with Part 51.302, 51.303 and 51.305(b). _____ Documentation attached.

SOLID WASTE DISPOSAL: Resources Conservation and Recovery Act (42 U.S.C. 6901-6987); 40 CFR Part 250.43-1.

Project/activity does not involve the disposal of hazardous materials nor siting of sanitary landfills or closing of open dumps.

___ Project/activity is subject to provisions of EPA Guidelines; ___ Documentation of evaluation and coordination with EPA attached.

TOXIC CHEMICALS & RADIOACTIVE WASTES: HUD Notice 79-33, September 10, 1979 Policy Guidance to Address the Problems Posed by Toxic Chemicals and Radioactive Materials Chemicals and Radioactive Materials.

Project/activity is not affected by toxic chemicals or radioactive material based on: ___ site inspection; Information check with local Health Department; other source (EPA Superfund National Priorities, CERCLA).

___ Project/activity's site was suspected of containing toxic chemicals or radioactive materials. HUD and local responsible agency contacted. ___ Evaluation of hazard was made in accordance with Notice 79-33 and found acceptable. Documentation attached: ___ Yes
_ No.

Grantees are advised not to utilize CDBG funds on activities supporting new development for habitation at locations affected by toxic chemicals and radioactive materials.

Other policies, standards or guidelines used in preparing the environmental analysis.

See memo.

Certification of Environmental Review Requirements

State of Hawaii

Review each of the rules or standards listed below and check and/or complete the statement that applies. The completion of the form and signature at the bottom will provide evidence that the proposed action is consistent with Hawaii's environmental regulations and standards.

1. Chapter 343, HRS, Environmental Impact Statements
2. Act 282, Private Waste Water Treatment Plants, Session Laws of Hawaii, 1985
3. Title 11, Administrative Rules, State of Hawaii, Department of Health
 - a. Chapter 42, Vehicular Noise Control for Oahu
 - b. Chapter 43, Community Noise Control for Oahu
 - c. Chapter 54, Water Quality Standards
 - d. Chapter 55, Water Pollution Control
 - e. Chapter 59, Ambient Air Quality Standards
 - f. Chapter 60, Air Pollution Control
 - g. Chapter 200, Environmental Impact Statement Rules

It has been determined that the proposed action requires compliance with one or more of the above regulations which include Chapter 200, Environmental Impact Statement Rules. Appropriate permits for clearance on the above regulations were obtained on _____ (date).

The proposed action is consistent with the regulations listed above and no permits are required.

Certified by:

Vincent Shigekuni/Principal
Name/Title

January 30, 2003
Date

SCREENING CRITERIA FOR CDBG ASSISTED PROJECT TO CONFIRM ITS CONSISTENCY WITH
HCZMP DESCRIPTION OF PROPOSED ACTION:

CRITERIA: This review is based on HUD's request for a general consistency certification pursuant to 15 CFR Part 930.37 that was approved by the State Department of Planning and Economic Development April 8, 1987.

The State's CZM policies are reviewed for their applicability to the action proposed under the general consistency certification as follows:

- If none of the policies apply to the proposed action; it is consistent with Hawaii's Coastal Zone Management Program.
- If one or more of the policies are threatened, the grantee shall make an individual consistency review in accordance with Section 205A-22, Chapter 205A, HRS.

<u>DETERMINATION</u>		<u>CZM POLICIES</u>
<u>Consistent</u>	<u>Ind. Review*</u>	
<u> x </u>	<u> </u>	1. <u>SMA PERMIT</u> The proposed action qualifies as a minor permit and is not subject to an individual CZM consistency review. Copy of permit is: ___ attached, in ERR file. Proposed action is not subject to an individual consistency review. (References 1, 2)
<u> x </u>	<u> </u>	2. <u>LAND USE DISTRICTS</u> Proposed action is located in a developed, altered and urban district. It is not a State Ag, Rural or Conservation Land Use District. (References 1, 3)
<u> x </u>	<u> </u>	3. <u>THREATENED AND ENDANGERED SPECIES AND THEIR HABITAT</u> Proposed action does not occur in or affect areas containing threatened or endangered species and their habitats. (References 4, 5, 6)
<u> x </u>	<u> </u>	4. <u>STREAMS</u> Proposed action will not alter the flow or use of streams.
<u> x </u>	<u> </u>	5. <u>HISTORIC/ARCHAEOLOGIC RESOURCES</u> The site(s) do/does not contain historic or archaeological resources as determined by the State Preservation Officer. (References 8, 9)
<u> x </u>	<u> </u>	6. <u>WETLANDS</u> The proposed action does not impact or affect a wetland. (References 4,7)

REFERENCES

- | | |
|--|---|
| 1. County Planning Department | 6. The Nature Conservancy of Hawaii |
| 2. Section 205A-22, Chapter 205A, HRS | 7. U.S. Corps of Engineers |
| 3. State Land Use Commission | 8. State Historic Preservation Officer |
| 4. State Dept. of Land & Natural Resources | 9. National Register of Historic Places
(Federal Register) |
| 5. U.S. Fish and Wildlife Service | |

DETERMINATION

Based on the above review, it is determined that:

- x The proposed action meets the criteria of the general consistency certification and is consistent with the HCZMP.
- The proposed action requires an individual consistency review that will be prepared and submitted to the State DPED&T for their review and concurrence.

Prepared by: Vincent R. Shigekuni
Name

Principal
Title

November 11, 2002
Date

* Individual Consistency Review Required by DPED&T



Appendix B

*Screening Criteria for CDBG Assisted Project to Confirm its Consistency
with HCZMP Description of Proposed Action*

SCREENING CRITERIA FOR CDBG ASSISTED PROJECT TO CONFIRM ITS CONSISTENCY WITH HCZMP DESCRIPTION OF PROPOSED ACTION:

CRITERIA: This review is based on HUD's request for a general consistency certification pursuant to 15 CFR Part 930.37 that was approved by the State Department of Planning and Economic Development April 8, 1987.

The State's CZM policies are reviewed for their applicability to the action proposed under the general consistency certification as follows:

- If none of the policies apply to the proposed action; it is consistent with Hawaii's Coastal Zone Management Program.
- If one or more of the policies are threatened, the grantee shall make an individual consistency review in accordance with Section 205A-22, Chapter 205A, HRS.

<u>DETERMINATION</u>		<u>CZM POLICIES</u>
<u>Consistent</u>	<u>Ind. Review*</u>	
<u> x </u>	<u> </u>	1. <u>SMA PERMIT</u> The proposed action qualifies as a minor permit and is not subject to an individual CZM consistency review. Copy of permit is: ___ attached, in ERR file. Proposed action is not subject to an individual consistency review. (References 1, 2)
<u> x </u>	<u> </u>	2. <u>LAND USE DISTRICTS</u> Proposed action is located in a developed, altered and urban district. It is not a State Ag, Rural or Conservation Land Use District. (References 1, 3)
<u> x </u>	<u> </u>	3. <u>THREATENED AND ENDANGERED SPECIES AND THEIR HABITAT</u> Proposed action does not occur in or affect areas containing threatened or endangered species and their habitats. (References 4, 5, 6)
<u> x </u>	<u> </u>	4. <u>STREAMS</u> Proposed action will not alter the flow or use of streams.
<u> x </u>	<u> </u>	5. <u>HISTORIC/ARCHAEOLOGIC RESOURCES</u> The site(s) do/does not contain historic or archaeological resources as determined by the State Preservation Officer. (References 8, 9)
<u> x </u>	<u> </u>	6. <u>WETLANDS</u> The proposed action does not impact or affect a wetland. (References 4,7)

REFERENCES

- | | |
|--|--|
| 1. County Planning Department | 6. The Nature Conservancy of Hawaii |
| 2. Section 205A-22, Chapter 205A, HRS | 7. U.S. Corps of Engineers |
| 3. State Land Use Commission | 8. State Historic Preservation Officer |
| 4. State Dept. of Land & Natural Resources | 9. National Register of Historic Places (Federal Register) |
| 5. U.S. Fish and Wildlife Service | |

DETERMINATION

Based on the above review, it is determined that:

- x The proposed action meets the criteria of the general consistency certification and is consistent with the HCZMP.
- The proposed action requires an individual consistency review that will be prepared and submitted to the State DPED&T for their review and concurrence.

Prepared by: Vincent R. Shigekuni
Name

Principal
Title

November 11, 2002
Date

* Individual Consistency Review Required by DPED&T



Appendix C

Letter from State Historic Preservation Division

NE

BENJAMIN J. CAYetano
GOVERNOR OF HAWAII



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

DEPUTIES
ERIC T. HIRANO
LIMMEL MISHOKA

STATE OF HAWAII

DEPARTMENT OF LAND AND NATURAL RESOURCES

RECEIVED BY
HISTORIC PRESERVATION DIVISION
KAKULIHIKEWA BUILDING, ROOM 100
801 KAMOKUA BOULEVARD
KAPOLEI, HAWAII 96707

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

October 2, 2002

2 OCT -8 A5:03

Paul Kobata, Planner
Department of Community Services
City and County of Honolulu
715 South King Street, Suite 311
Honolulu, Hawaii 96813

LOG NO: 30872
DOC NO: 0210co01
Architecture

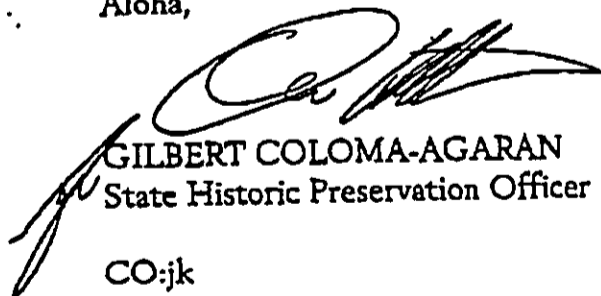
Dear Mr. Kobata:

**SUBJECT: Section 106 Review (NHPA)
U.S. Department of Housing and Urban Development (HUD)
Economic Development Initiative (EDI) Grant
Kalihi YMCA
TMK 1-6-024:004, Honolulu, Oahu**

Thank you for the letter dated September 25, 2002, received September 30, 2002, regarding the proposed grant for the Kalihi YMCA. Thank you for the submittal of the Historic Resources Inventory Form and the photographs.

We concur with the determination that the property would be 'no historic properties affected.' Thank you for the opportunity to comment. Should you have any questions please have your staff contact Carol Ogata at 692-8032.

Aloha,


GILBERT COLOMA-AGARAN
State Historic Preservation Officer
CO:jk

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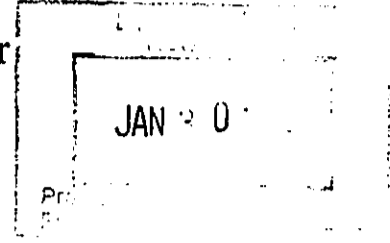
Appendix D

Letter from US Fish and Wildlife Service



United States Department of the Interior

FISH AND WILDLIFE SERVICE
Pacific Islands Fish and Wildlife Office
300 Ala Moana Boulevard
Room 3-122, Box 50088
Honolulu, Hawaii 96850



In Reply Refer To:
1-2-2003-I-081

JAN 29 2003

Mr. Vincent Shigekuni
PBR Hawaii
1001 Bishop Street
Pacific Tower, Suite 650
Honolulu, Hawaii 96813-3429

Dear Mr. Shigekuni:

This responds to your request of January 24, 2003 for the U. S. Fish and Wildlife Service's concurrence under section 7 of the Endangered Species Act (Act) with your determination that the proposed replacement of existing Kalihi YMCA buildings will not affect any federally listed or proposed species, or proposed or designated critical habitat. Your letter was received in this office on January 26, 2003. The proposed project is at the Kalihi YMCA located in Honolulu on the island of Oahu, Hawaii.

Under Section 7 of the Act, it is the action agency's responsibility to determine if their project will affect any listed species or proposed species, or proposed or designated critical habitat. This determination includes an evaluation of effects that may be beneficial, insignificant, or discountable. If the action agency determines that the proposed action has no likelihood of effect, our concurrence is not required under the Act. However, at your request, we have reviewed the proposed project and concur that no federally listed species or proposed species, or proposed or designated critical habitat will be affected by the proposed project.

We appreciate your efforts to conserve endangered species. If you have any questions, please contact Marilet A. Zablan, Vertebrate Conservation Program Leader (phone: 808/541-3441; fax: 808/541-3470).

Sincerely,

Paul Henson, Ph.D.
Field Supervisor



Appendix E

Letter from State Department of Transportation

DOCUMENT CAPTURED AS RECEIVED

BENJAMIN J. CAYETANO
GOVERNOR



BRIAN K. MNAAJ
DIRECTOR
DEPUTY DIRECTORS
JEAN L. OSHITA
JADINE Y. URASAKI

HIGHWAY DESIGN BRANCH, ROOM 686A
BRIDGE DESIGN SECTION, ROOM 811
CADASTRAL DESIGN SECTION, ROOM 800
HIGHWAY DESIGN SECTION, ROOM 808
HYDRAULIC DESIGN SECTION, ROOM 836
TECHNICAL DESIGN SERVICE, 833

RIGHT-OF-WAY BRANCH, ROOM 801

TRAFFIC BRANCH, ROOM 802

MOTOR VEHICLE SAFETY OFFICE, ROOM 811

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION AT KAPOLEI

601 KAMOKILA BOULEVARD
KAPOLEI, HAWAII 96707

IN REPLY REFER TO:

COPY HWY-RM
3.79474

March 8, 2002

Mr. Jeremiah Powers
AM Partners
1164 Bishop Street, Suite 1000
Honolulu, Hawaii 96813

Dear Mr. Powers:

SUBJECT: KALIHI STREET, FAP NO. US-0630(2)
BECKLEY STREET TO SCHOOL STREET SECTION
ACCESSES FOR KALIHI YMCA, TMK: (1) 1-6-024: 004

<input type="checkbox"/> MKTG	<input type="checkbox"/> ACTG
<input type="checkbox"/> LIBRY	<input checked="" type="checkbox"/> CORR
2.3.02	
MAR 12 2002	
DATE:	
JOB NO: A101916	210
KALIHI YMCA	
JOB NAME:	

We have completed our review and will continue to process the subject request based on the following contingencies:

- 1) Kalihi YMCA (YMCA) shall comply with all applicable statutes, ordinances, rules and regulations of the Federal, State and County governments.
- 2) The requested driveway accesses shall be restricted for eleemosynary purposes and a nominal \$1,000.00 will be assessed for the accesses.
- 3) Execution of a "Grant of Vehicle Access Rights" document.
- 4) The YMCA must prepare and submit for our review a Land Court Petition and Land Court Map designating both accesses and to include the access restriction where access is not permitted.
- 5) Submittal of an updated title search for TMK: (1) 1-6-024: 004 to show status of title.
- 6) Driveway sight distance for the new driveway must be shown and meet the minimum sight distance requirements.
- 7) The YMCA may want to consider a wider new driveway (20 ft. maximum, one-way) for trucks accessing from a one-way, one lane road (Kalihi Street).
- 8) Minimum width of a commercial driveway is 22 feet for two-way traffic (compliance with attached State Highways Division Standards).

DOCUMENT CAPTURED AS RECEIVED


Mr. Jeremiah Powers
Page 2
March 8, 2002

HWY-RM
3.79474

- 9) All improvements (driveways/sidewalks, etc.) must comply with the latest Americans with Disabilities Act (ADA) requirements.
- 10) Submit two (2) sets of metes and bounds description of the accesses with parcel map, to be used as exhibits to the document.
- 11) Submit three (3) sets of construction plans to our Highways Division, Traffic Branch, Permit Section, located at 601 Kamokila Boulevard, Room 602, Kapolei, Hawaii 96707, for review and approval.
- 12) Once the plans are approved, apply for a "Permit to Perform Work Upon State Highways" with our Oahu District at 727 Kakoi Street, Honolulu, Hawaii 96819, in order to begin construction.
- 13) The Kalihi YMCA shall be responsible for all administrative costs, documentation, and recording fees incurred, in addition, to the \$1,000.00 payment of consideration for the accesses.

To proceed with your request, please remit a check for \$1,000.00, made payable to the State of Hawaii, Department of Transportation, as a deposit for defrayment of administrative costs. This remittance will acknowledge acceptance of the above conditions, is for services rendered and is non-refundable should the YMCA decide not to proceed with their proposal. Should the final cost be more than the remittance, the YMCA shall pay the difference, any overage will be refunded. If we do not receive the \$1,000.00 check within thirty days from the date of this letter, we will assume the YMCA is no longer interested in pursuing the matter.

If you have any questions, please call me at 692-7331.

Very truly yours,


JOANN T. IZUMI
Right-of-Way Agent
Property Management Section

Enclosure

DOCUMENT CAPTURED AS RECEIVED

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

Job Name:	KALIHU YMCA
Job No.:	A11096-20
DMS:	MAR 12 2002
HIGHWAYS	
<input checked="" type="checkbox"/> CORR	
<input type="checkbox"/> LBRV	
<input type="checkbox"/> WRTL	

STANDARDS FOR ACCESS DRIVEWAYS INTO STATE

February 1, 1975

The information contained herein is to set forth the standards for the design and construction of residential and commercial access driveways onto a State highway, all of which have been promulgated to achieve the utmost in traffic safety and to satisfy, at the same time, the needs and rights of both the traveling public and adjoining property owners.

Residential access driveways are entrances to residences and similar noncommercial and light-use driveways. Commercial access driveways are those leading to business establishments, manufacturing plants, parking and/or sales lots, truck terminals, churches, recreational areas, and other roadside establishments. State highways are public thoroughfares which are under the jurisdiction of the Highways Division, Department of Transportation.

Definitions of Terms Used

Buffer Area - The border area along the frontage between the traveled way and the right-of-way line and within the frontage boundary lines.

Frontage - The length along the highway right-of-way line of a single property tract or roadside development area between the edges of the property.

Setback - The lateral distance between right-of-way line and the roadside business building, gasoline pump curb base, display stand, or other object, the use of which will result in space for vehicles to stop or park between such facilities and the right-of-way line.

Traveled Way - The portion of the roadway for the movement of vehicles exclusive of shoulders and auxiliary lanes.

GENERAL PRINCIPLES

1. Right-of-Way Encroachments

The highway rights-of-way including air space, shall be clear of all displays, advertisements and structures or portion thereof. Also, the use of any part of the highway right-of-way for the conduct of business, storage purposes, or servicing of vehicles is prohibited as is parking in areas where facilities are not designated and provided for by the Highways Division.

2. Buffer Area

In the development of the adjacent private property and the driveways thereto, the buffer area may require regrading by filling or cutting. Such work shall be done in a manner to insure adequate sight distance for traffic operation, proper drainage, suitable slopes for maintenance operations and good appearance.

3. Parking

Each roadside development should provide sufficient parking or storage space off the right-of-way to prevent the storage of vehicles on the driveway or the backing up of traffic on the traveled way. This is particularly needed for businesses where a number of vehicles will be entering and leaving the area at one time.

4. Sight Distance

To the extent feasible within the frontage limits, any driveway shall be located at the optimum sight distance along the highway, and where they will not adversely affect the proper operation of street lights, signs, signals, or other traffic control devices.

Where a driveway is provided to a commercial establishment, the buffer area and adjacent border area shall be reasonably cleared so that either the establishment itself or an appropriate sign located outside the right-of-way can be seen at sufficient distance to enable proper and safe maneuvers on the part of drivers desiring to enter the establishment.

The profile of a driveway and the grading of the buffer area shall be such that the driver of a vehicle that is standing on the driveway outside the edge of traveled way can see a sufficient distance in both directions along the highway traveled way to enable him to enter it without creating a hazardous situation.

At an intersection a clear vision area, bounded by the two highways and a diagonal line across the corner, should be maintained. The clear vision area, part of which may be on private property, should be kept free of sight obstructions.

5. Setbacks

Improvements on private property adjacent to the right-of-way shall be so located that parking, stopping and maneuvering of vehicles on the right-of-way will not be necessary in order for the vehicles or patrons to be properly served. Therefore, buildings or other structures should have at least 20 feet between it and the R/W boundary for one row of parallel parking and up to 40 feet for one row of 90° angle parking. Structures or similar installations for servicing parallel parked vehicles, such as a gas pump island or loading platform, should be located at least 15 feet from the R/W boundary.

6. Location of Driveways

Driveways shall be so located as to result in no undue interference with or hazard to the free movement of normal highway traffic and so that areas of traffic congestion will not be created on the highway. In accord with this principle, driveways shall be located where the highway alignment and profile are favorable; i.e., where there are no sharp curves, or steep grades, and where sight distance in conjunction with the driveway access would be adequate for safe traffic operations. Driveway locations shall be avoided within intersections, rotaries and interchanges or on the highways immediately approaching them. Also to be avoided are locations that would interfere with the placement and proper function of highway signs, signals, lighting or other devices that affect traffic operation.

Driveways shall be so located that all portions of the approach including the flares are confined within the highway frontage of the development's lot.

7. Number and Arrangement of Driveways

For property tracts with a sizable frontage on the highway, driveway location and arrangement largely will be governed by the position of installations thereon.

The permissible number, arrangement and width of driveways shall be governed in part by the highway frontage of the abutting private property. The number of driveways provided shall be the minimum number required to adequately serve the needs of the adjacent property. Places of residence shall be limited to one driveway and no more than two driveways shall be permitted to a commercial establishment. Exceptions may be permitted where the highway frontage of the property exceeds 200 feet.

Where two driveways are provided for one frontage, the clear distance between driveways measured along the edge of traveled way shall not be less than 26 feet.

Landowners of adjacent property may, by written mutual agreement, construct a joint driveway to service both properties.

8. Driveway Width and Edge Radius

The driveway width shall be adequate to handle properly the anticipated volume and type of traffic and shall be within the limits hereinafter specified.

No residential driveway shall have a width less than 10 feet nor greater than 20 feet. The maximum width of commercial driveways shall be 35 feet for two-way traffic and 20 feet for one-way traffic. The minimum width of commercial driveways shall be 22 feet for two-way traffic and 12 feet for one-way traffic.

The driveway edges shall be connected to the highway with returns of adequate radii and taper if necessary and feasible, to provide essential turning space for vehicles without encroachment on the adjacent highway lanes, thereby avoiding undue impediment and hazard to through and turning traffic. For residential driveways, the radius shall not be less than 10 feet, preferably 15 feet, while for commercial driveways, the radius shall not be less than 15 feet, preferably 20 feet.

9. Driveway Alignment and Profile

Single driveways shall be positioned at right angles, or nearly so, to the roadway. Where two driveways are used on one frontage, and they are to be used for access to and from both directions of travel on the highway, each driveway may be placed at an angle other than a right angle with the roadway edge but the driveway angle shall not be less than 45 degrees.

On uncurbed sections of highway, the gradient of the driveway shall conform with the normal shoulder pitch from the edge of the traveled way to the outer shoulder line and thence slope downward on a suitable grade to the gutter or low point over a culvert (swale where a culvert is not used). Thereafter it shall continue downward or roll upward depending on the terrain.

On curbed sections of highway, the gradient of the driveway shall fit the plane of the sidewalk.

Vertical curves on driveways shall be flat enough to prevent dragging of central or overhang portions of passenger vehicles.

10. Permit and Paving Requirements of Driveways

Notwithstanding the existence of any right of vehicle access to or from a State highway in favor of an abutting owner, the Department of Transportation may prohibit vehicle access via any street, road or driveway to or from abutting properties unless the owner applies for a permit and paves the highway right-of-way between the access opening and the paved portion of the highway pursuant to Sections 264-6 to 264-11, Hawaii Revised Statutes. Access to or from abutting property via any street, road or driveway which is in use on April 16, 1971 will not be affected.

The pavement section of driveways shall be as follows:

A. Residential Driveways

The minimum pavement thickness shall be 2" of asphalt concrete on 6" aggregate base course, or 2" of asphalt concrete on 2 1/2" plant mix asphalt treated base course or asphalt concrete. For concrete driveways, minimum concrete approach thickness shall be 4" of Class "A" concrete reinforced with 6" x 6" - 6/6 wire mesh on 12" aggregate subbase if deemed necessary by Engineer.

B. Commercial Driveways

The minimum pavement thickness shall be 2 1/2" of asphalt concrete, 8" of aggregate base course and 12" of aggregate subbase, or 2 1/2" asphalt concrete on 8" plant mix asphalt treated base course or asphalt concrete. For concrete driveways, minimum concrete approach thickness shall be 6" of Class "A" concrete reinforced with 6" x 6" - 6/6 wire mesh on 12" aggregate subbase if deemed necessary by Engineer.

11. Drainage

The existing highway drainage pattern and facilities shall not be impaired nor shall it be altered without the approval of the Highways Division. Of the surrounding area, drainage that naturally discharges away from the highway shall not be diverted into the highway drainage system, nor shall drainage that naturally discharges into the highway be increased appreciably without providing for such an increase.

No drain line will be permitted to be installed under the sidewalk area and discharge directly into the concrete gutter or pavement on curbed highways.

12. Wheelchair Ramps

Adequate and reasonable access for the safe and convenient movement of physically handicapped persons shall be provided across curbs at points of pedestrian flow.

The width of the ramps, excluding side slopes, shall not be less than 4' - 0" and its maximum slope shall be 12:1.

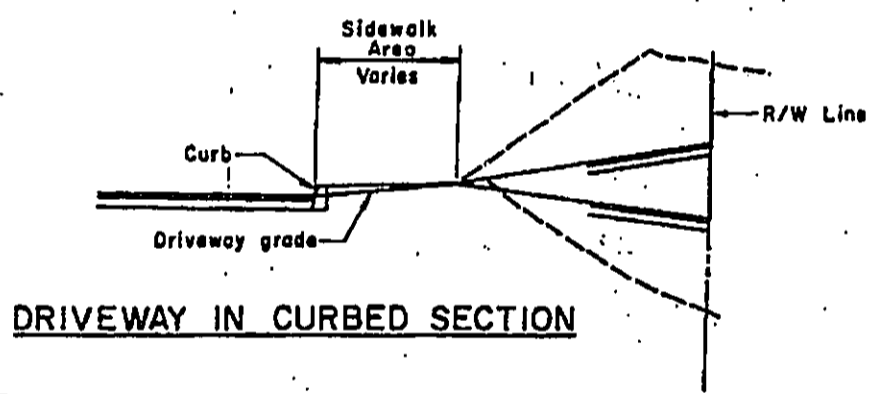
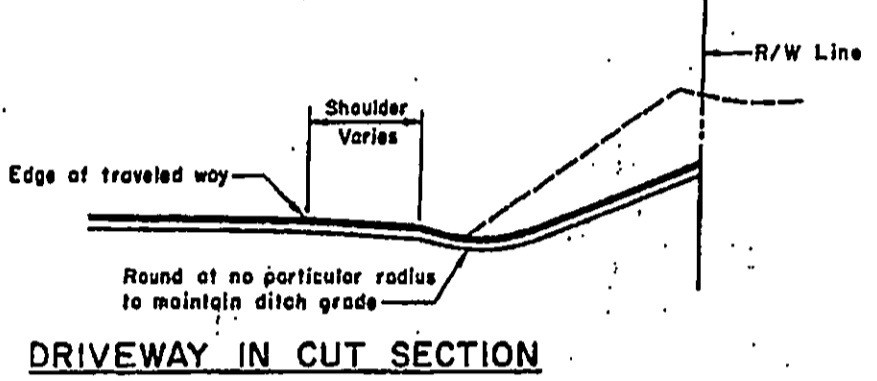
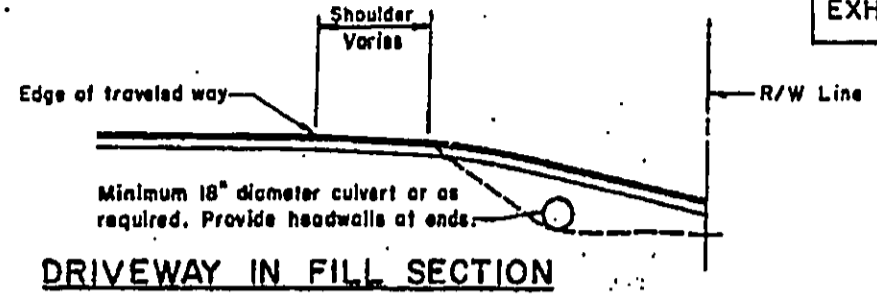
13. Conformance With County Standards

The requirements contained above shall not relieve the owner or developer from adhering to any County ordinances, regulations and/or standards. In the event of conflict, the more stringent requirements shall govern.

14. Illustrative Sketches

Attached herewith are sketches to illustrate the above-stated principles but which should not be construed as required layouts for any particular development. Also, it must be emphasized that these criteria shall not be interpreted as the abutting property owner's presumptuous right of access to and from a State highway nor shall it prevent the Highways Division from requesting certain improvements, such as curbs, gutters, sidewalks, guard rails, acceleration and/or deceleration lanes, etc., as will best service the traveling public in safety and convenience.

EXHIBIT I



NOTE

1. Minimum pavement thickness: Residential - 2" A.C. on 6" aggregate base course, or 2" A.C. on 2 1/2" plant mix asphalt treated base course or asphalt concrete. Commercial - 2 1/2" A.C. on 8" aggregate base course and 12" aggregate subbase, or 2 1/2" A.C. on 8" plant mix asphalt treated base course or asphalt concrete.
2. Driveway profile to match existing slope within shoulder area.

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

DRIVEWAY PROFILE

Not to scale February 1, 1975

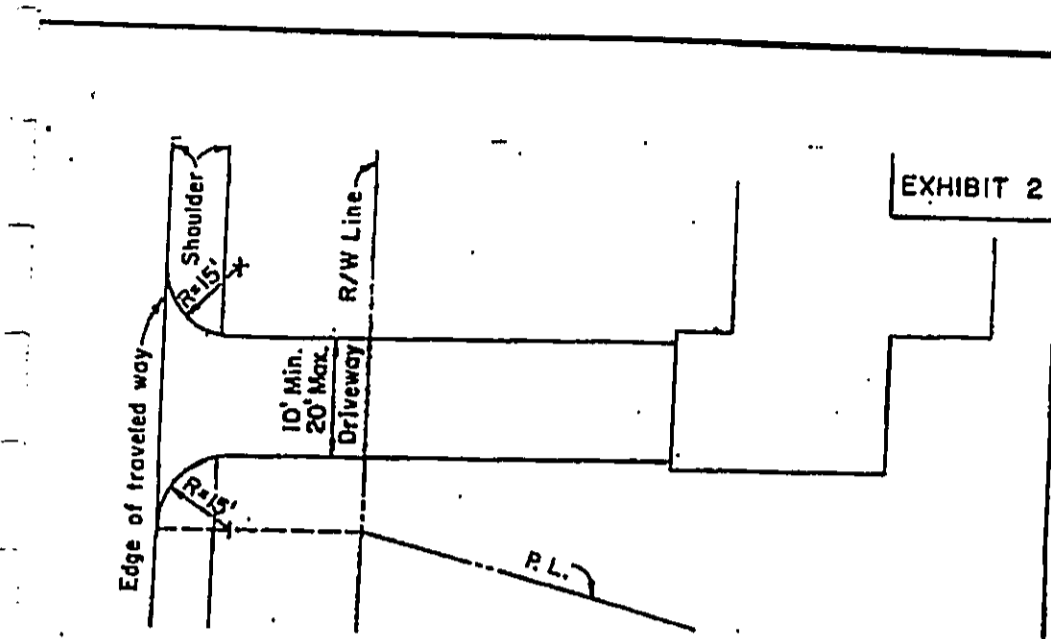
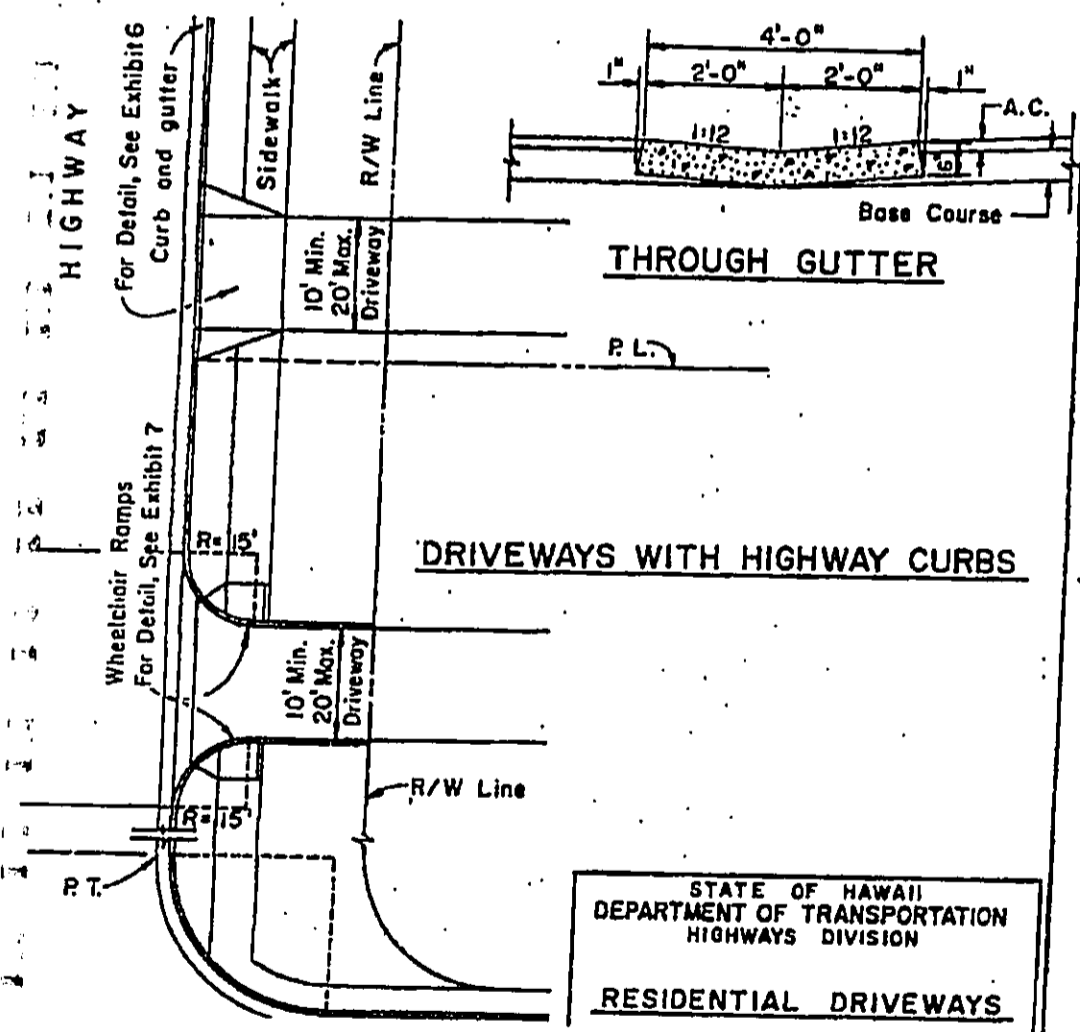


EXHIBIT 2

DRIVEWAY WITHOUT HIGHWAY CURBS



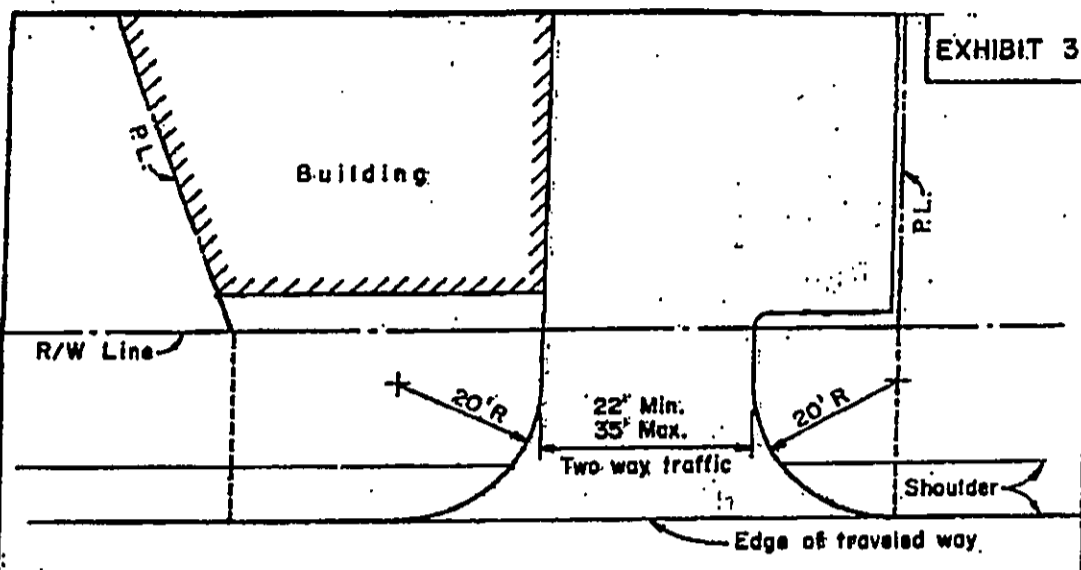
THROUGH GUTTER

DRIVEWAYS WITH HIGHWAY CURBS

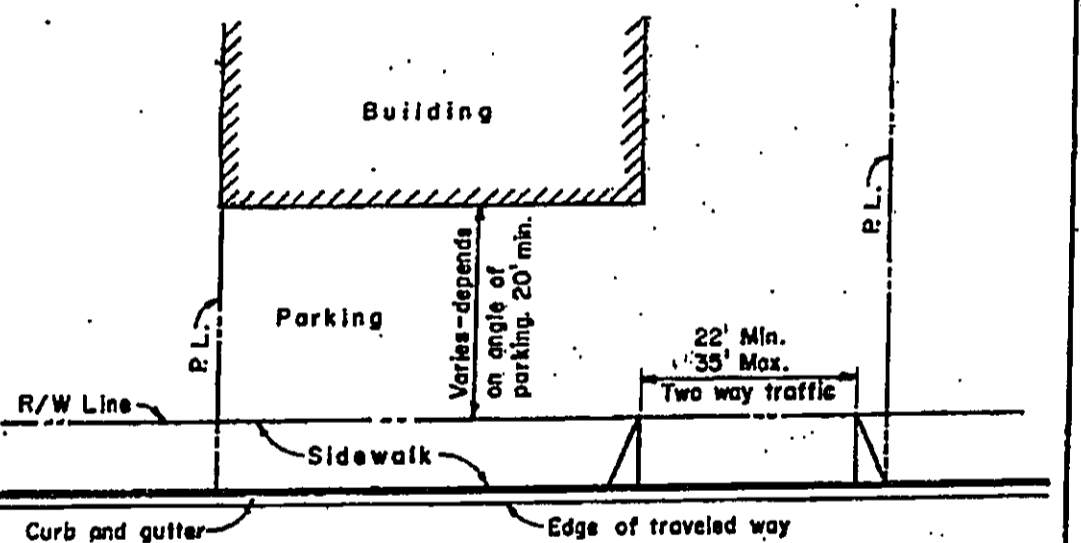
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

RESIDENTIAL DRIVEWAYS

EXHIBIT 3



WITHOUT HIGHWAY CURBS



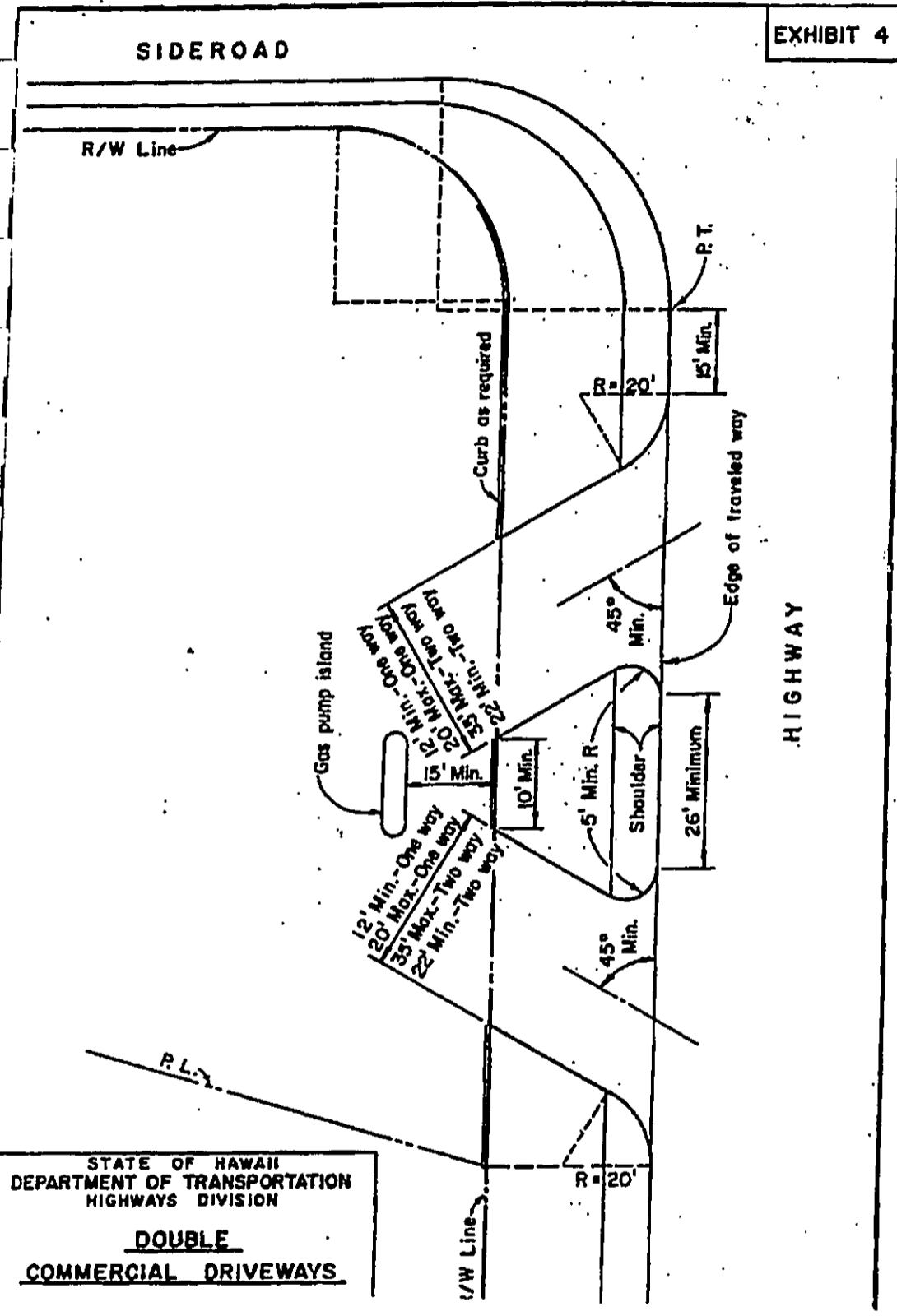
WITH HIGHWAY CURBS

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SINGLE
COMMERCIAL DRIVEWAYS

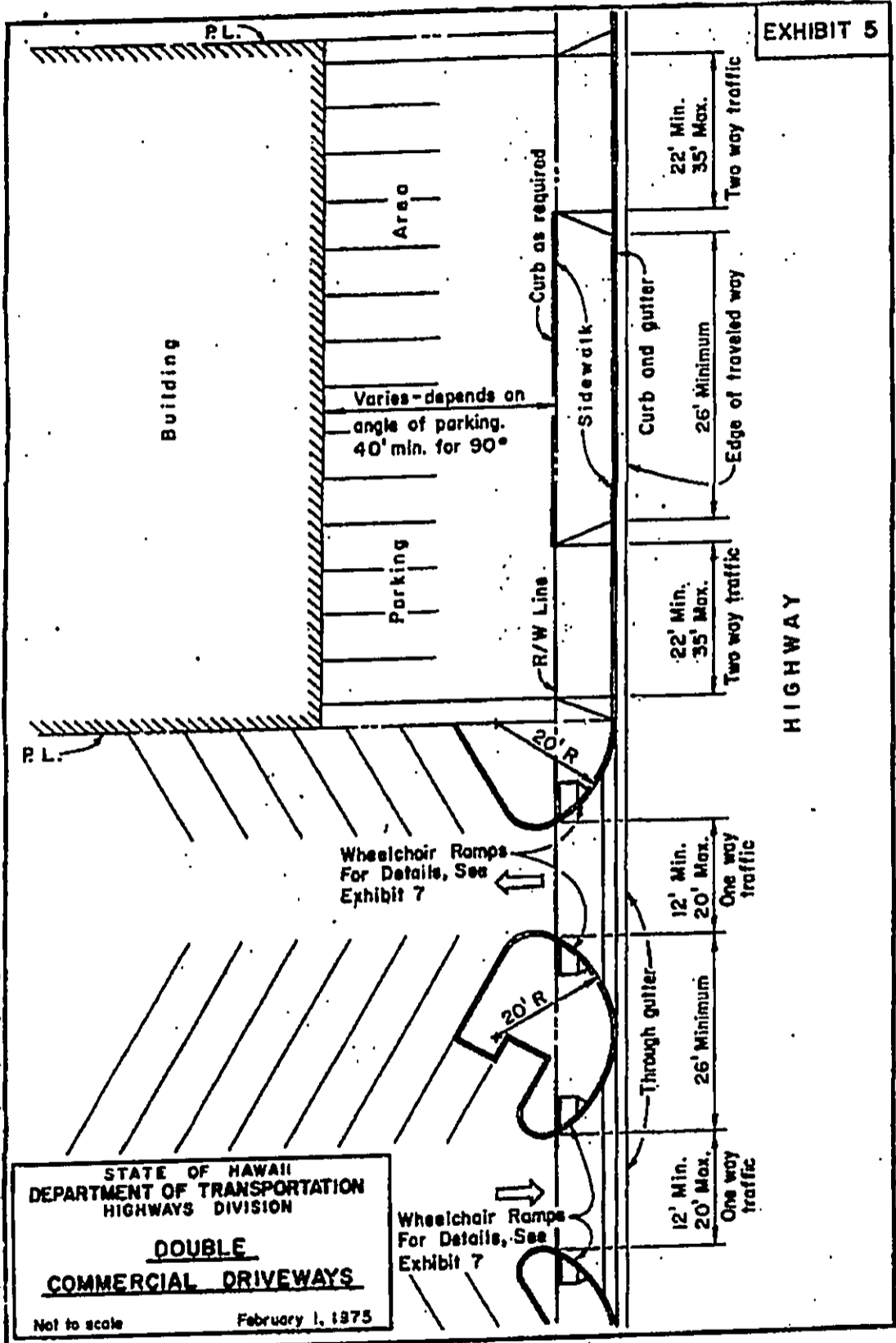
Not to scale February 1, 1975

EXHIBIT 4



STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

**DOUBLE
 COMMERCIAL DRIVEWAYS**

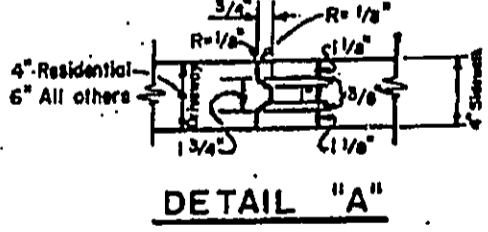
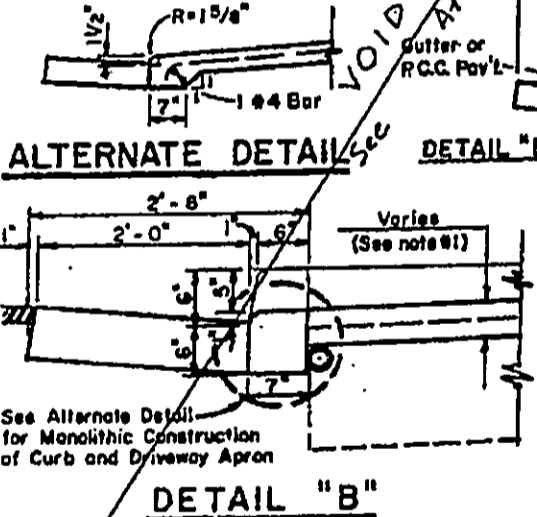
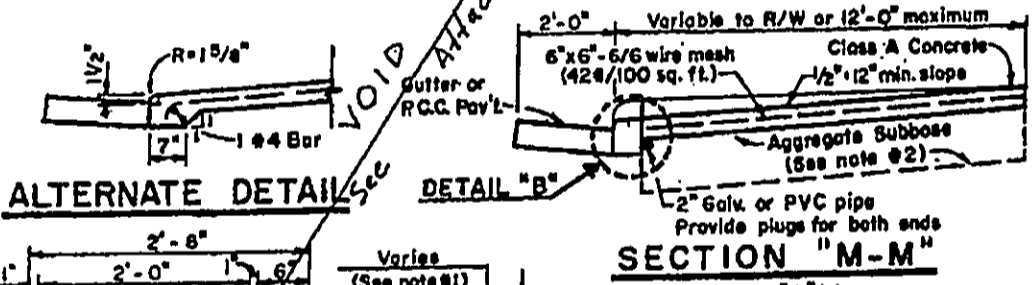
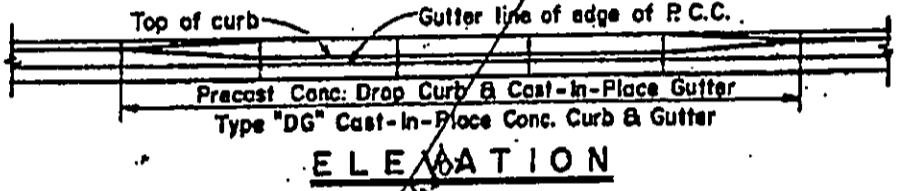
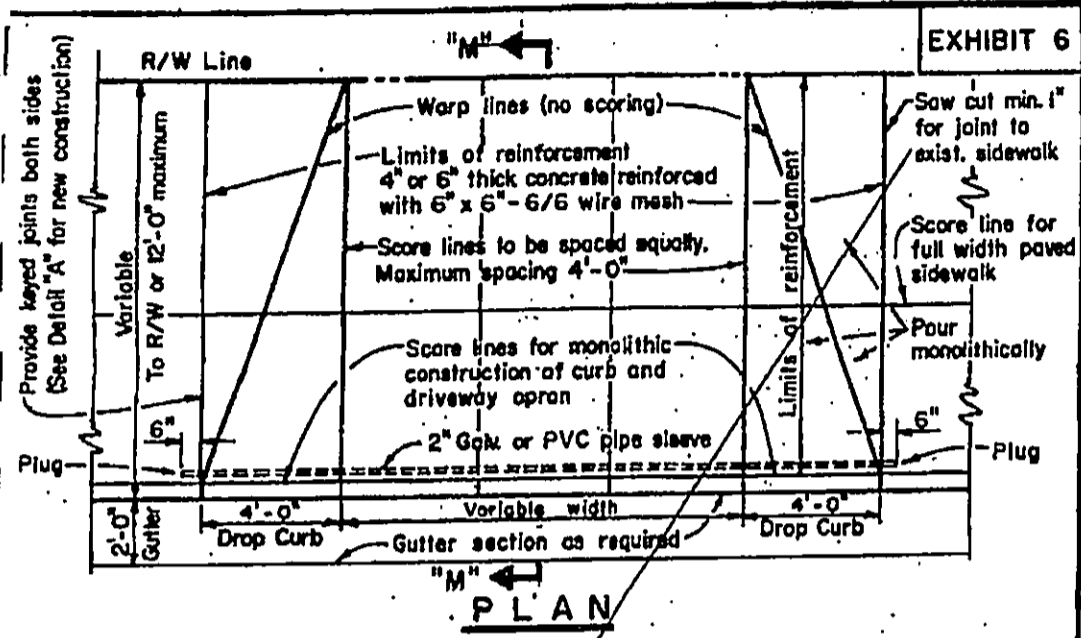


STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**DOUBLE
COMMERCIAL DRIVEWAYS**

Not to scale February 1, 1975

EXHIBIT 6



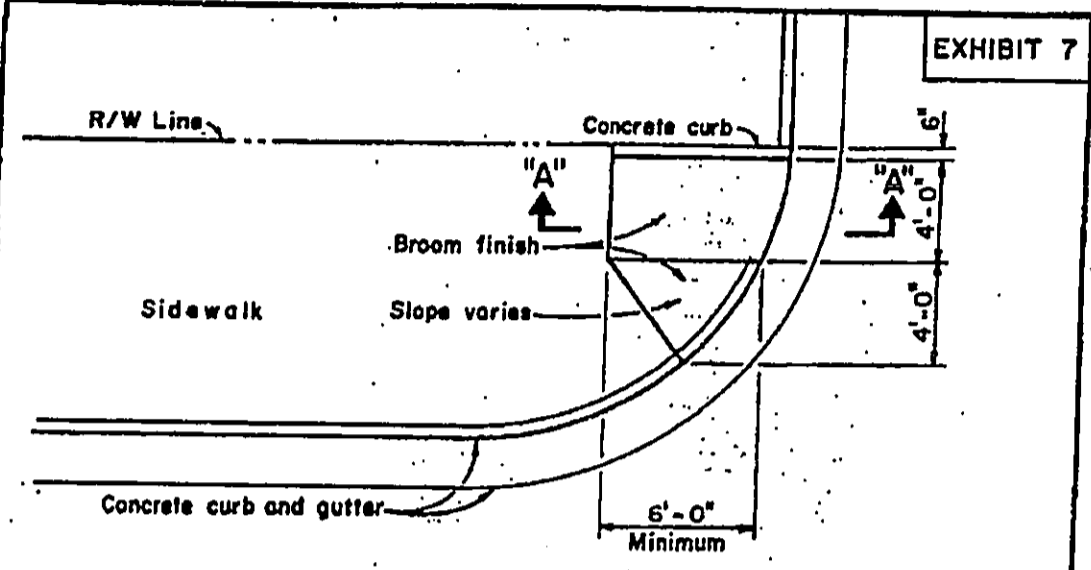
NOTE:

- Minimum concrete approach thickness.
 - Residential = 4 inches
 - Commercial = 6 inches
- 12" of aggregate subbase beneath concrete pavement if deemed necessary by the Engineer.

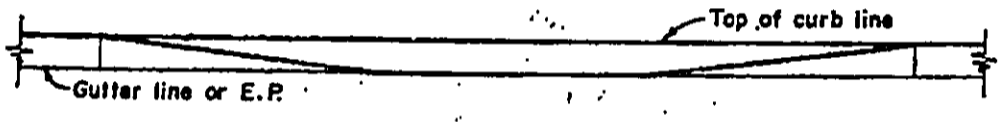
STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

**DETAIL OF REINFORCED
 CONCRETE DRIVEWAY**

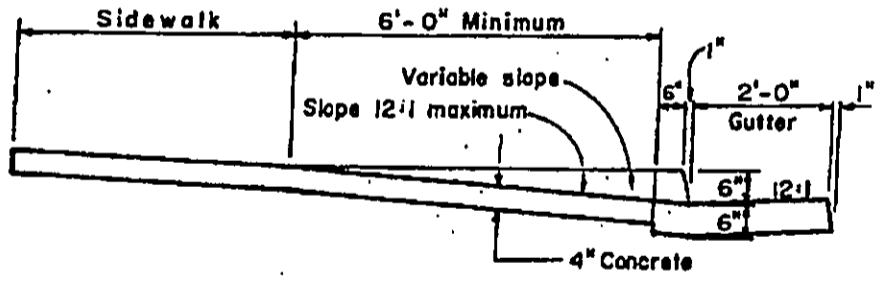
EXHIBIT 7



PLAN



ELEVATION



SECTION "A-A"

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
**TYPICAL WHEELCHAIR
RAMP DETAILS**
Not to scale February 1, 1975

DOCUMENT CAPTURED AS RECEIVED

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

APRIL 1, 1977

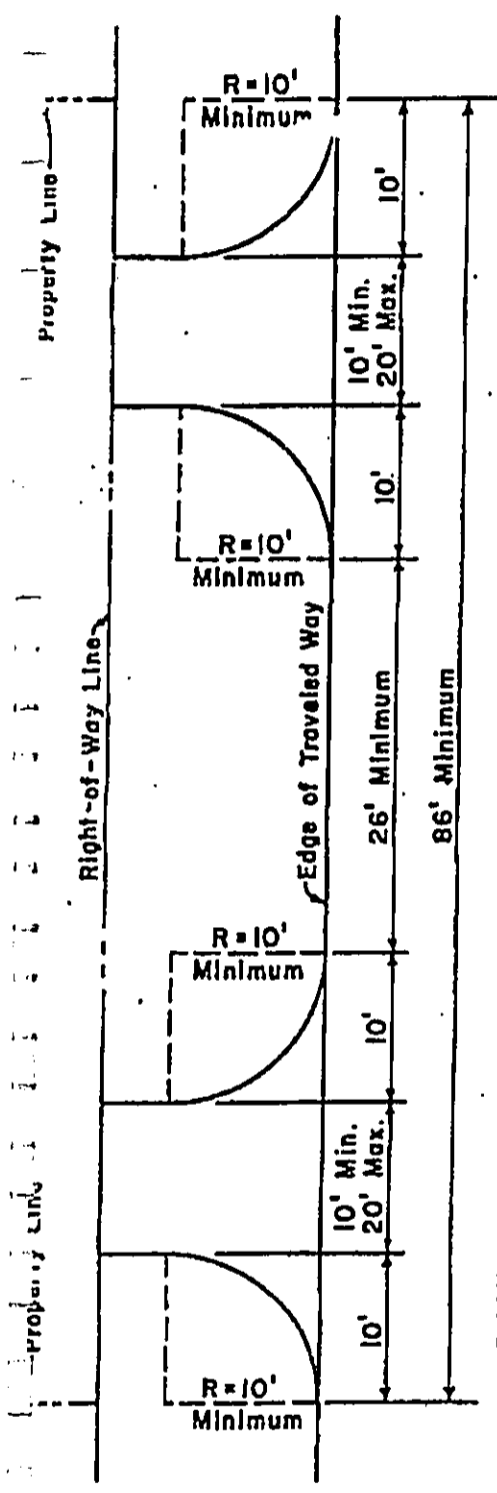
REVISION NO. 1 TO STANDARDS FOR ACCESS
DRIVEWAYS INTO STATE HIGHWAYS
DATED FEBRUARY 1, 1975

The second and third paragraphs, Item 7 - Number and Arrangement of Driveways, shall read as follows: (revisions underscored)

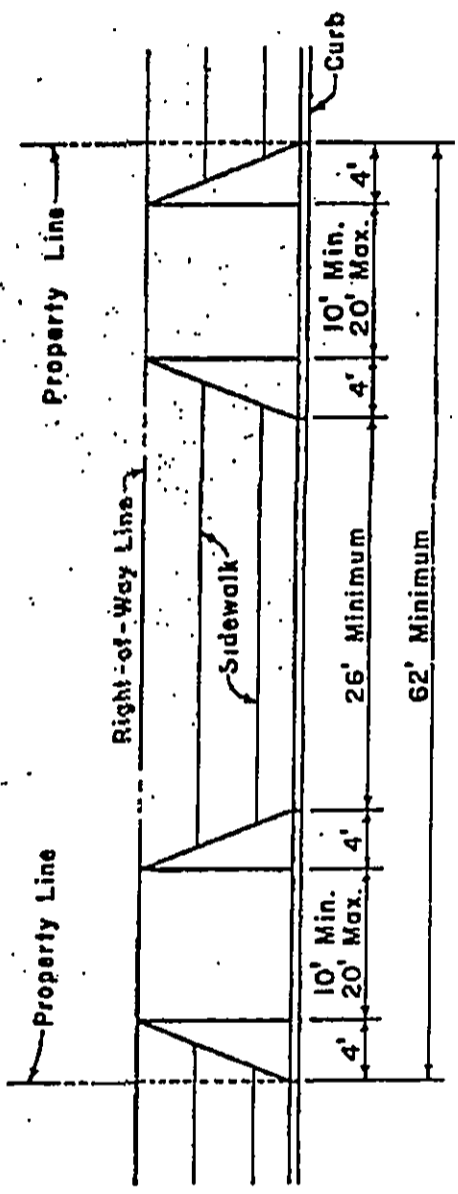
The permissible number, arrangement and width of driveways shall be governed in part by the highway frontage of the abutting private property. The number of driveways provided shall be the minimum number required to adequately serve the needs of the adjacent property. Frontages of less than 62 feet with highway curbs and/or 86 feet without highway curbs shall be limited to one driveway. Normally not more than two driveways shall be permitted to any single property tract or commercial establishment. For commercial establishments, exceptions may be permitted where the highway frontage of the property exceeds 200 feet.

Where two driveways are provided for one frontage, the clear distance between driveways including their flares and returns, measured along the edge of traveled way, shall not be less than 26 feet, except for one-way double commercial driveways as shown in Exhibit 5.

See attached Exhibit 2A for above revisions.



DOUBLE RESIDENTIAL DRIVEWAYS WITHOUT HIGHWAY CURBS



DOUBLE RESIDENTIAL DRIVEWAYS WITH HIGHWAY CURBS

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 LAND TRANSPORTATION FACILITIES DIVISION

DOUBLE
RESIDENTIAL DRIVEWAYS

Not to scale April 1, 1977

