(Revised)

DEPARTMENT OF DESIGN AND CONSTRUCTION

CITY AND COUNTY OF HONOLULU

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JEREMY HARRIS
MAYOR

TIMOTHY E. STEINBERGER, P.E.
DIRECTOR

83109

November 16, 2004

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OFC. OF ENVIRONMENTAL
QUALITY CONTROL

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

Dear Ms. Salmonson:

Subject: Final Environmental Assessment (FEA) for Ala Moana Park, Canoe Halau; T.M.K.: 2-3-037:001
Honolulu, Oahu, Hawaii

This supersedes our previous letter dated November 8, 2004.

The City and County of Honolulu Department of Design and Construction has reviewed the draft environmental assessment for the subject project, and has issued a Finding of No Significant Impact (FONSI) determination. Please publish notice of availability for this project in the November 23, 2004 OEQC Environmental Notice.

We have enclosed a completed OEQC Publication Form, four copies of the final EA, and the project summary on disk. Please call Mr. Daniel Takamatsu at (808)547-7083 if you have any questions.

Very truly yours,

TIMOTHY E. STEINBERGER, P. E.
Director

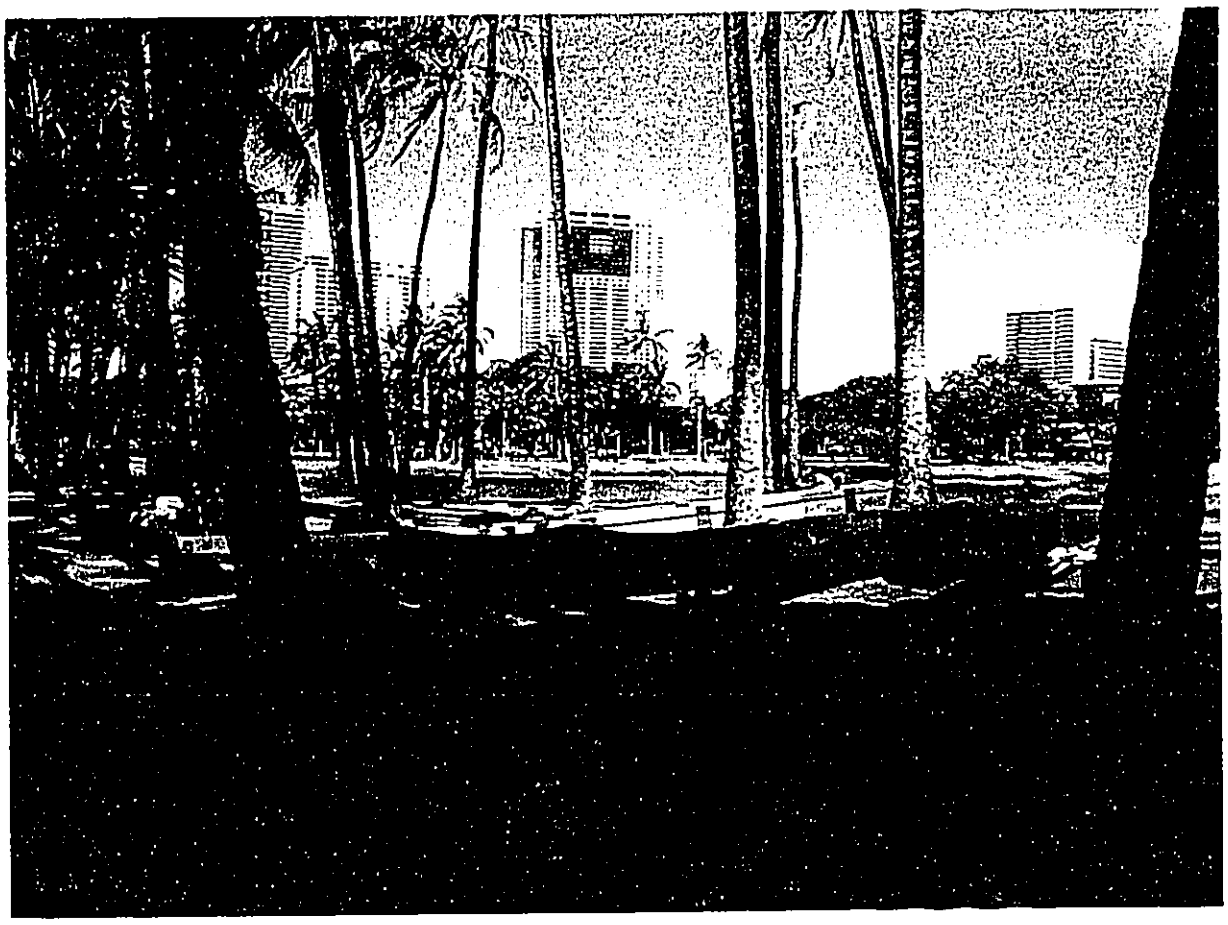
TES:li
Attach.
cc: DDC - FD

2004-11-23 ~~EEA~~ FONSI
ALA MOANA REGIONAL
PARK CANOE HALAU

ALA MOANA REGIONAL PARK

Canoe Halau

FINAL ENVIRONMENTAL ASSESSMENT



CITY AND COUNTY OF HONOLULU

Department of Design and Construction
August 2004

ALA MOANA REGIONAL PARK
CANOE HALAU

FINAL ENVIRONMENTAL ASSESSMENT

Prepared for:

Department of Design and Construction
City and County of Honolulu

Prepared by:

ARTHUR KIMBAL THOMPSON ARCHITECT, AIA

August 2004

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1. INTRODUCTION

1.1 PROJECT SUMMARY

Project Name	Ala Moana Regional Park Canoe Halau
Proposing Agency	Department of Design and Construction City and County of Honolulu 850 S. King Street, 9th Floor Honolulu, HI 96813 (808) 547-7614
Landowner	City and County of Honolulu
Address	1201 Ala Moana Boulevard Honolulu, Hawaii 96730
Tax Map Key	2-3-037:001
Project Area	3,276,104 Sq. Ft.
Existing Use	Public Beach Park
Proposed Project	New Canoe Halau
State Land Use	Urban District
Zoning Designation	P-2 General Preservation
Flood Zone	FIRM Zone A and AE
Special Management Area (SMA)	The subject property is located within the SMA
Shoreline Setback	The proposed improvements are NOT located within the 40' Shoreline Setback
Action Requested	Compliance with Chapter 343, Hawaii Revised Statues
Approving Agency	Department of Design and Construction
Basis for Environmental Assessment	Special Management Area
Anticipated Determination	Finding of No Significant Impact (FONSI)

1.2 PROPOSING AGENCY AND ACTION

The Department of Design and Construction (DDC), City & County of Honolulu proposes to construct a new Canoe Halau at Ala Moana Regional Park. This environmental assessment covers all improvements that are sited within the boundaries of the existing park.

The proposed new Canoe Halau for Ala Moana Regional Park was developed through the community vision process sponsored by the City and County of Honolulu. The vision process enables community residents to prioritize capital improvements projects and to allocate funds in a way that would address important neighborhood needs.

1.3 PURPOSE OF THE ENVIRONMENTAL ASSESSMENT

The proposed project involves the use of public funds, is located in a Special Management Area, and is therefore subject to the environmental review process under Chapter 343, Hawaii Revised Statutes (HRS), Act 241, Session Laws of Hawaii (SLH) 1992, and Chapter 200 of Title 11, Department of Health Administrative rules, "Environmental Impact Statement Rules." This Environmental Assessment (EA) has been prepared in accordance with Chapter 343HRS to address potential impacts that may be caused by construction or subsequent operation of the canoe halau at the park.

1.4 PERMITS REQUIRED

The following permits and/or approvals are required for the Ala Moana Regional Park Canoe Halau project:

ADA Accessibility	State of Hawaii, Disability and Communication Access Board
Approval of Design	City and County of Honolulu, Department of Design and Construction
Building Permit	City and County of Honolulu Department of Planning and Permitting
Special Management Area Use Permit (SMP)	City and County of Honolulu, Department of Planning and Permitting

2. PROPOSED ACTION

2.1 PROJECT DESCRIPTION AND LOCATION

The proposed canoe halau is planned for the Diamond Head end of Ala Moana Regional Park on a parcel to the west of an existing parking lot, and across from the Waikiki Yacht Club and Magic Island. The park is located at 1201 Ala Moana Boulevard in Honolulu, Oahu, Hawaii. The park area is 119.18 acres and is identified as Tax Map Key (TMK) 2-3-037:001. (See Figure 1)

The regional park is located approximately two miles from downtown Honolulu, two miles from Makiki and two miles from Waikiki - neighboring communities that may also use the park.

Figure 2 shows the park location and its immediate geographic context. The project is located on the makai side along Ala Moana Boulevard. Motorists arrive at the park directly off Ala Moana Boulevard via Ala Moana Park Drive. Ala Moana Park Drive runs approximately ¾ mile through the park, parallel to the water, and is the only thoroughfare through the entire park. Ala Moana Center Mall is located across the park on the mauka side of Ala Moana Boulevard.

2.2 HISTORICAL BACKGROUND

Ala Moana Regional Park was listed in 1998 on the State Register of Historic Places as part of the City and County of Honolulu's Art Deco Parks Thematic Group. Prior to the development of Ala Moana Regional Park in 1928, the area served as a garbage and dump site for the City of Honolulu. Once it was decided to renovate the area into a beach park, the previous dump site was filled with reef material that had been dredged from Ala Moana Beach to form the mile long beach park. Part of the coral reef remains and the surrounding park premises is landscaped with palms, grass, flowering tropical trees, and a few manmade structures. These structures include bridges, pavilions, dressing rooms, bathrooms, concessions, and tennis courts. In the surrounding area around the park is downtown Honolulu and Waikiki, which both have developed all the adjacent land. [1]

The large regional park has always been popular as a weekend respite for residents of Honolulu and neighboring communities. Ala Moana means "Path to the Sea" and it is Honolulu's largest beach park. A 43-acre peninsula on the southern portion of the park is known as Magic Island and borders Ala Wai Yacht Harbor. There are reefs offshore protecting the beach and keeping the water calm for swimming and paddling. The area has a parking lot, bath houses, picnic areas, shade trees and paved walkways and jogging paths.

The park's history with the paddling community goes back a long way, with several canoe clubs sharing storage/ramp facilities. Currently, the proposed project location is used to store canoes, and has two temporary equipment sheds on the project area.

[1] Pacific Legacy, Inc, Archaeological Assessment for Ala Moana Beach Park. October 2003.

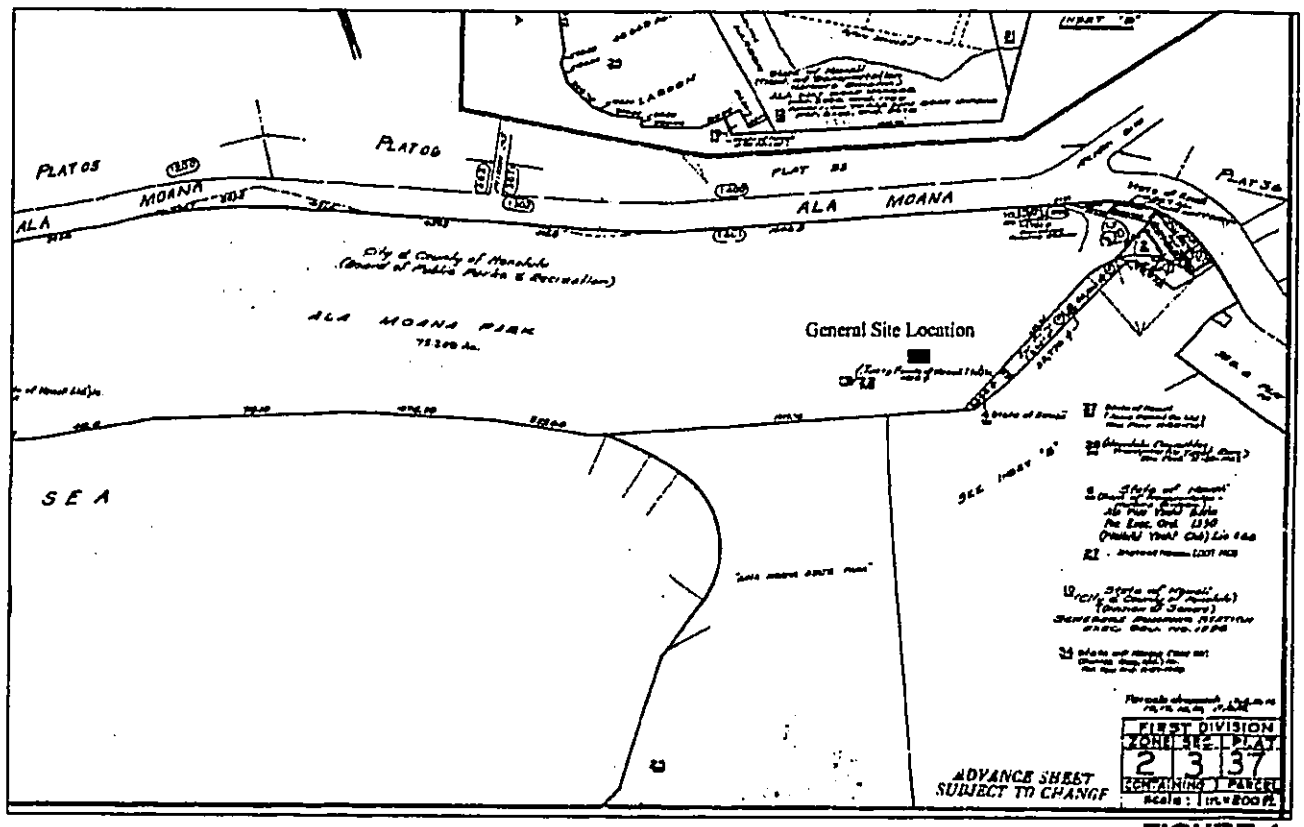
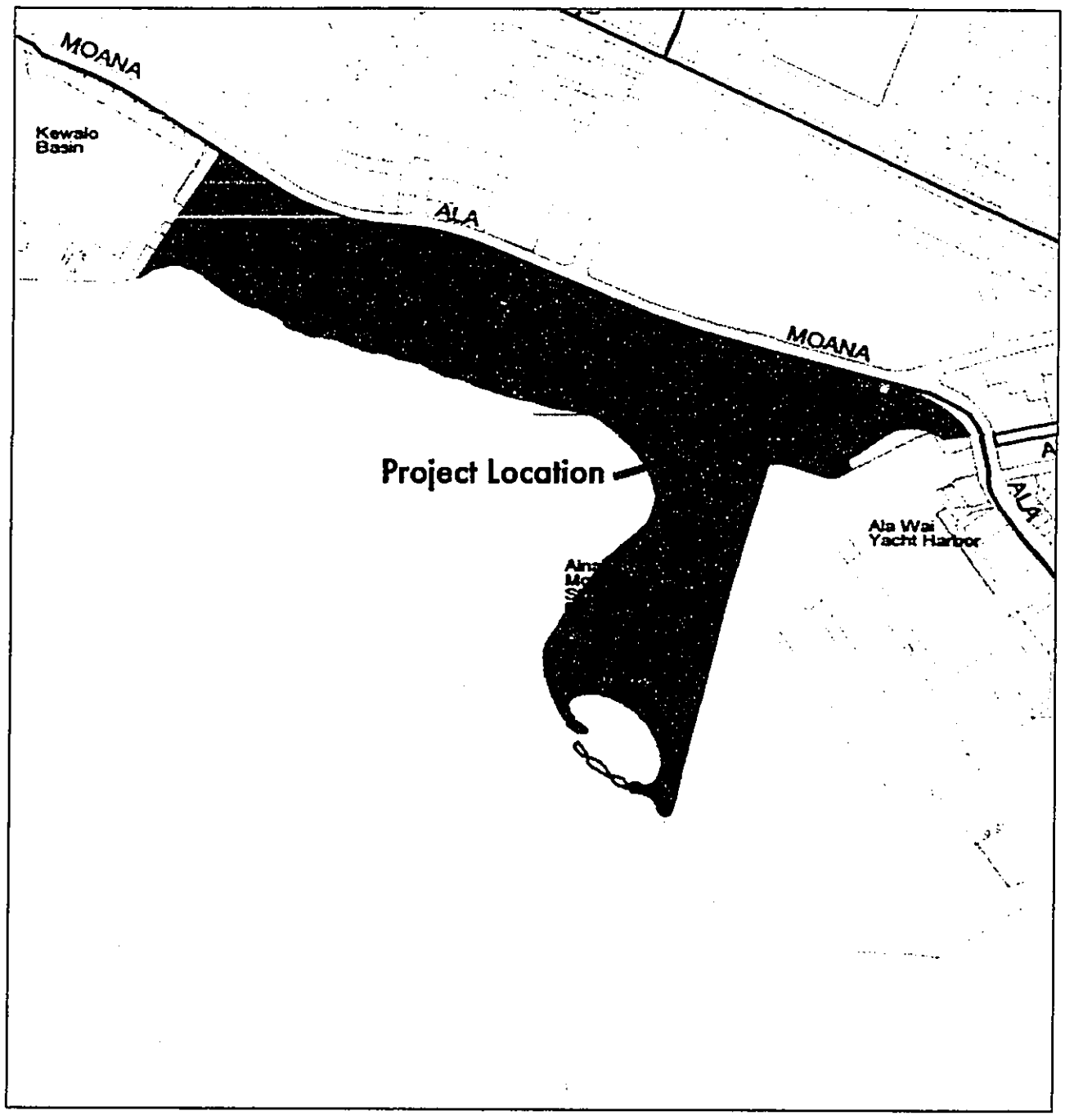


FIGURE 1

Scale 1" = 200'

TMK MAP (2-3-037:001)



Scale: 1" = 1000'

FIGURE 2
LOCATION MAP

2.3 PROJECT PURPOSE AND NEED

Ala Moana Regional Park is an important component of social life in Honolulu and the Kaka'ako community. The canoe paddling community heavily uses the park throughout the year.

The proposed project would provide a permanent and secured storage facility for canoes and related equipment. It would be used by the local canoe paddling community that includes among others; Elk canoe club, Koa Kai canoe club, and Imua canoe club. The proposed facility would support Hawaiian outrigger canoeing which is a growing recreational sport, as well as a vehicle for personal growth, character development, education, and awareness of Hawaiian cultural values. The proposed canoe halau would be a tremendous benefit for the canoeing community and other recreational users.

The City and County of Honolulu Department of Parks and Recreation (DPR) has adopted rules and regulations regarding the construction and operation of canoe shelters on City park properties. According to these rules and regulations, canoe clubs using the proposed facility must have membership that is open to the general public. Furthermore, canoe associations using the proposed canoe halau would be required to furnish DPR, Parks Permit Section with a listing of canoe storage space assignments.

Ala Moana Regional Park is one of five large parks in the Primary Urban Center. The 119.2-acre park is among the larger parks such as Kapiolani Park (155 acres) and Fort DeRussy Beach Park (46.9 acres). The limited number of beach parks on this side of the island where it is feasible to construct a canoe halau has created a high demand on the existing parks.

2.4 TECHNICAL DESCRIPTION

Master Plan Description

The design of the master plan for the area includes a new canoe halau structure with a footprint of approximately 61' by 61,' and approximately 19' tall. The structure will be sited in a manner that maximizes ease of canoe maneuvering, safety, and ventilation using natural airflow through the structure, as well as sensitivity to the existing trees on the site. See existing site (see Figure 3). The canoe halau will be located near the existing drainage lagoon, and will be connected to the parking lot by a concrete walkway. Concrete walkways will continue around the halau, connecting the front and rear gates and the existing outdoor shower. The existing graveled canoe storage area will be expanded to compensate for the lost area fronting the new halau.

Canoe Halau Description

The new canoe halau will provide a permanent and secured storage facility for canoes and related equipment. The sides of the facility will be kept as open as possible so that air

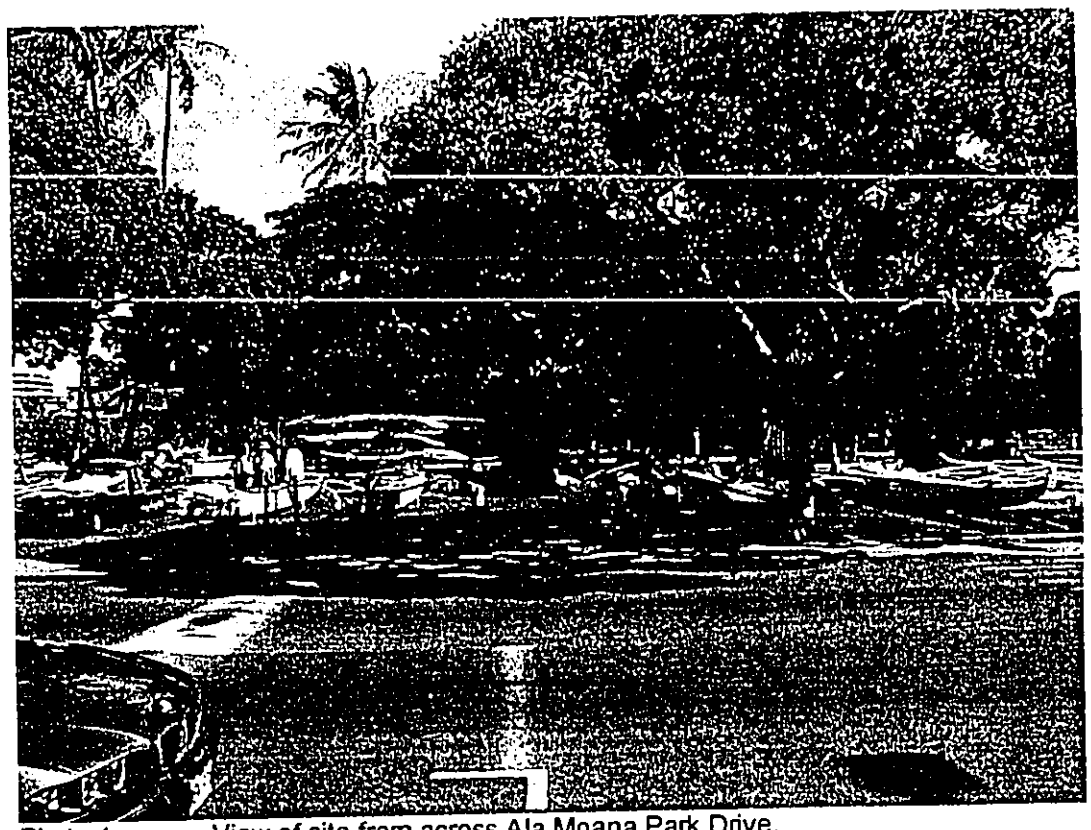


Photo 1: View of site from across Ala Moana Park Drive.

Photo 2: View looking North from within site.

circulation is achieved. The facility will be constructed of concrete, concrete masonry, wood, and steel framing. It will have a concrete slab on grade foundation with +/- 5 foot square hollow masonry/concrete columns at each corner. These columns will be supporting a wood-framed pyramid roof structure (pitch will be +/- 3.5/12 slope). Roof material will be standing seam metal roofing; specified to be bronze anodized aluminum finish (or copper as a bid alternative) An 8' x 31' storage room will be featured on the side of the canoe halau, parallel to the existing parking lot. Intermediate columns on the north and south elevations will be concrete and/or concrete masonry construction, 2 foot wide, 10 foot on center, with provision for 8 foot operable gates on the north and south elevations. The remaining elevation of the canoe halau will feature a combination of fixed metal grillwork and masonry walls. The exterior of the building will be lighted with down-lighting in the eaves of the roof.

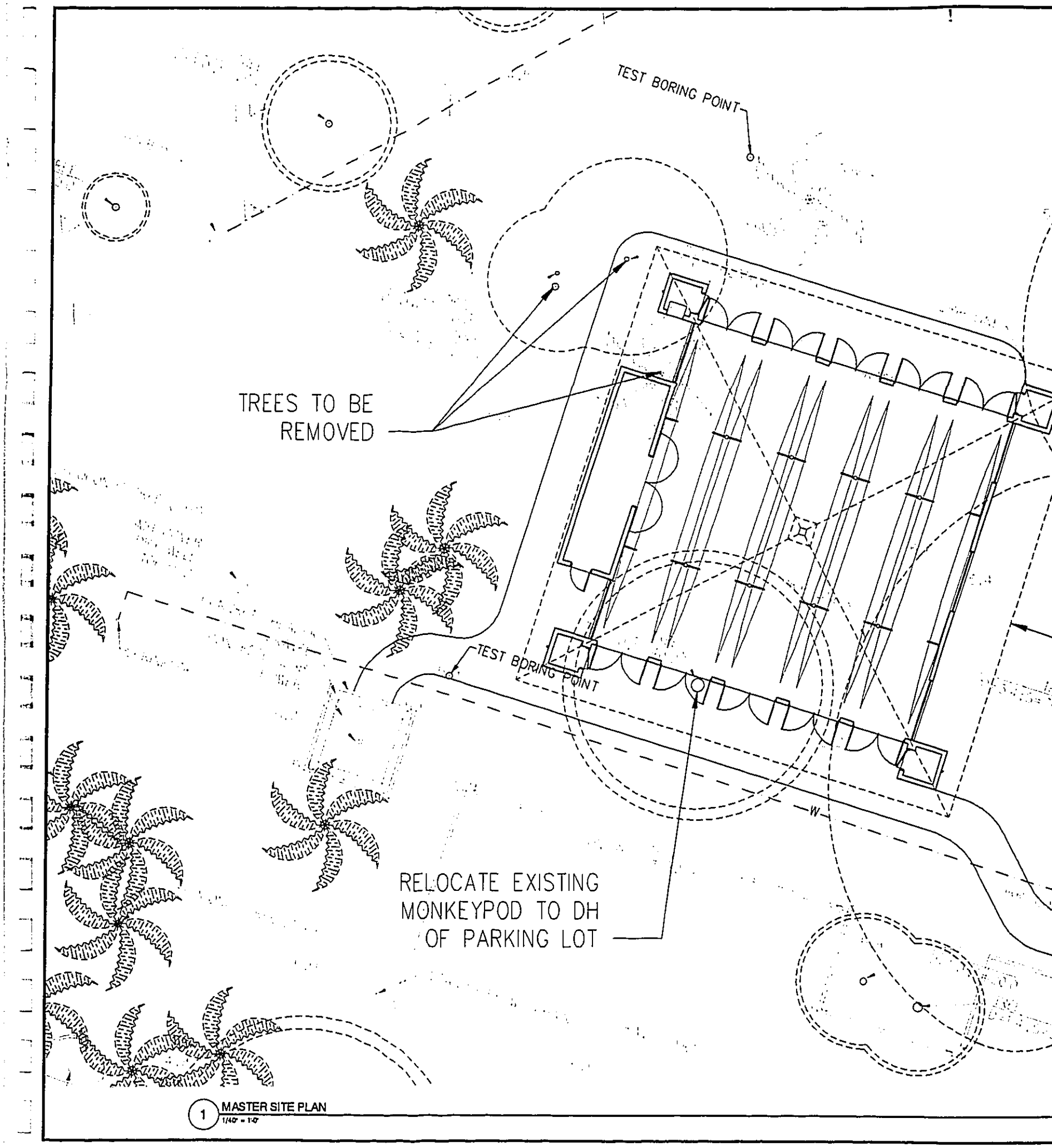
Intermediate columns in the interior will be 4" or 6" steel tubing that can support 3 canoes per opposite column face. The halau pavilion is designed to house 27-30 canoes, with additional lockable space for manus, iakos, paddles, and other rigging. The exterior finish is to be sand-colored plaster, coral block over masonry, or exposed coral aggregate finish concrete.

The proposed facility will be sited on a relatively flat grassy area and only minor finish grading will be required. The immediate site will require excavation of the 61' x 61' canoe halau. Any over-excavation beyond the footprint can be replaced with engineered fill, processed, placed and compacted, or stabilized in accordance with the recommendations of the project geotechnical engineer.

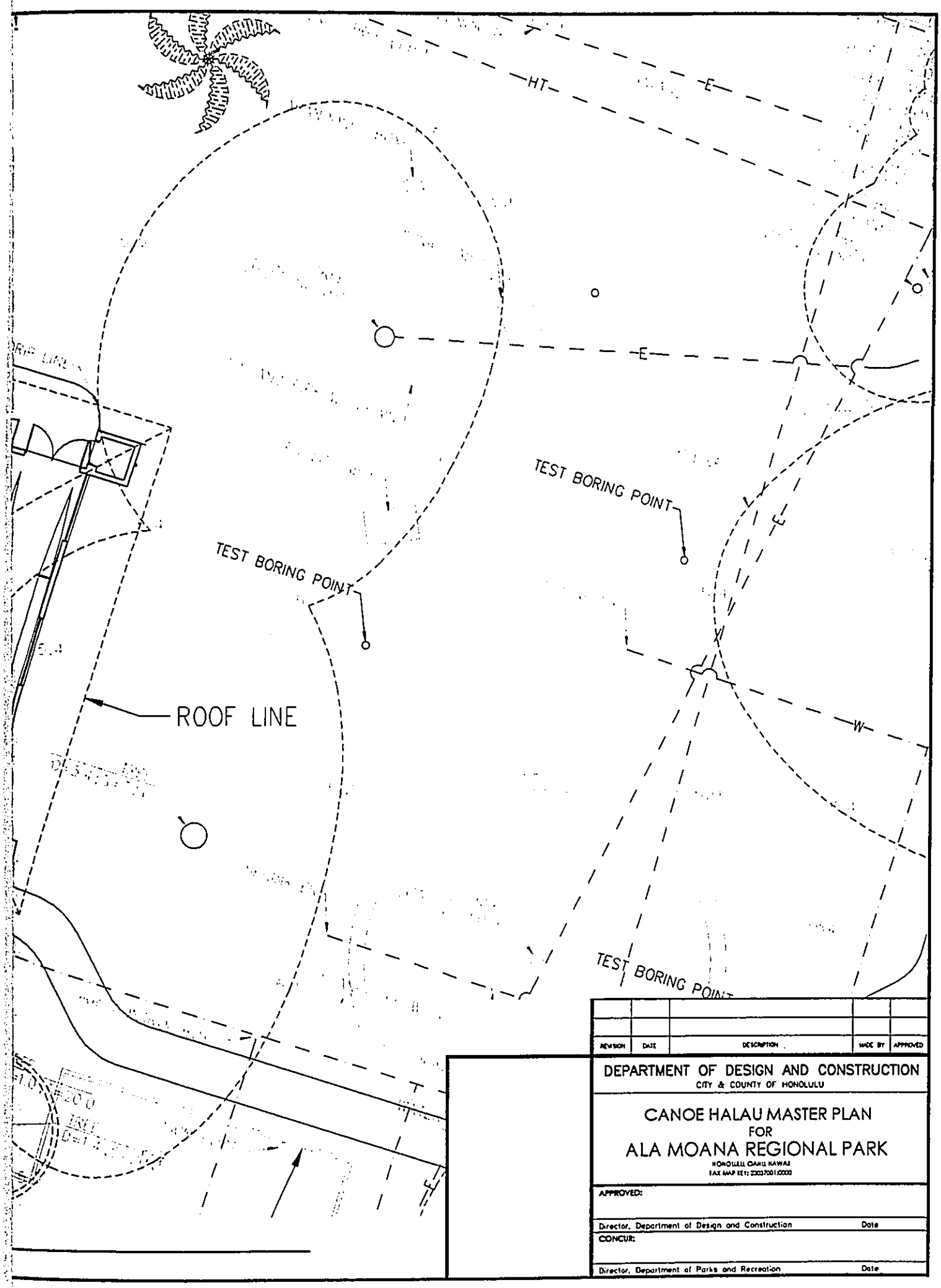
Components: (See Figure 3, 4, 5 and 6)

The proposed facility will measure approximately 61' wide by 61' deep and 19' at the highest roof elevation. Components of the canoe halau will include:

- Interior storage racks that can accommodate 27-30 six-man canoes (un-rigged) (40-44 feet in length).
- Provision for secured storage for equipment (e.g. outriggers, paddles, canoe covers).
- Provision for water hose bib off building exterior for hosing off canoes.
- The existing outdoor shower in the park will be retained, and upgraded to meet ADA requirements. The shower will be connected to the sidewalk and parking lot by a new paved pathway.



1 MASTER SITE PLAN
1/40" = 1'-0"



REVISION	DATE	DESCRIPTION	MADE BY	APPROVED

DEPARTMENT OF DESIGN AND CONSTRUCTION
CITY & COUNTY OF HONOLULU

CANOE HALAU MASTER PLAN
FOR
ALA MOANA REGIONAL PARK

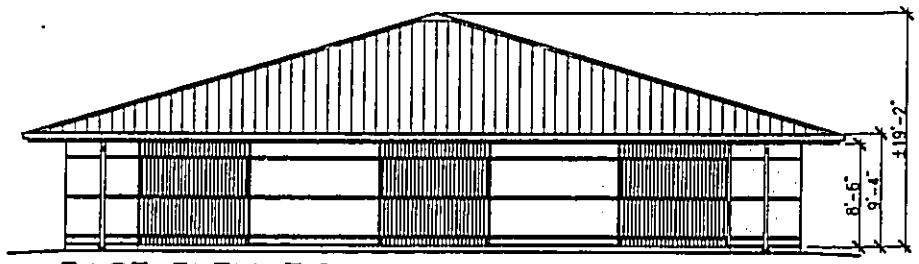
HONOLULU, OAHU, HAWAII
TAX MAP KEY: 2-3-037:001:0000

APPROVED:

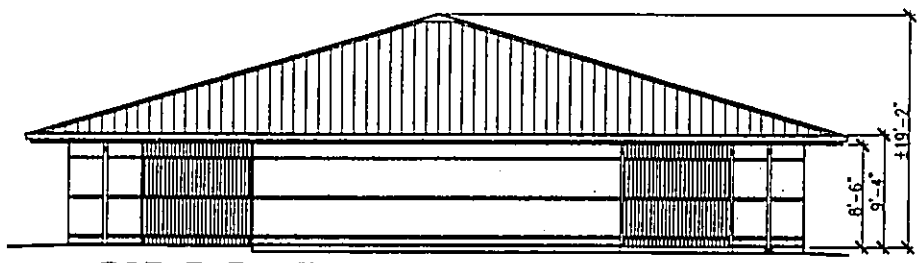
Director, Department of Design and Construction — Date

CONCUR:

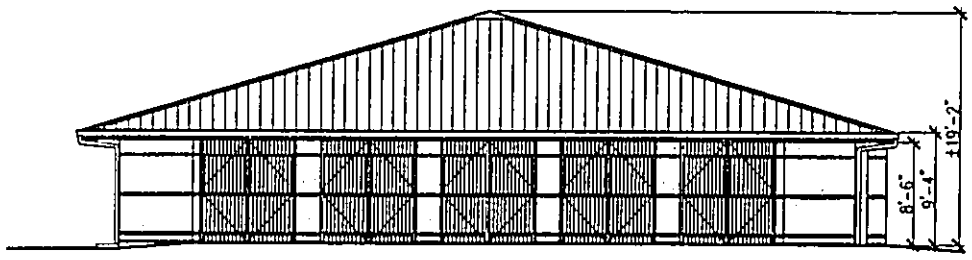
Director, Department of Parks and Recreation — Date



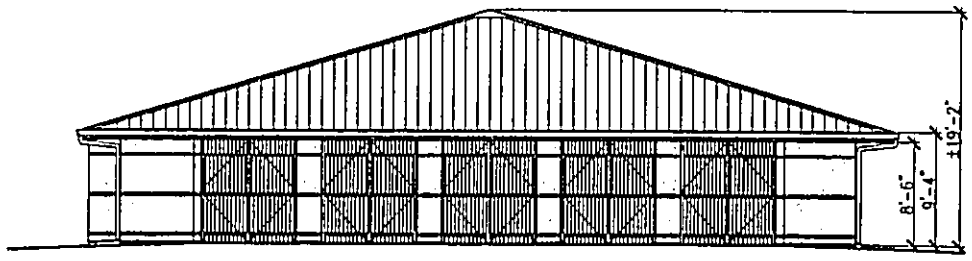
EAST ELEVATION



WEST ELEVATION

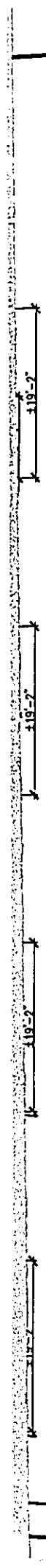


SOUTH ELEVATION (MAKAI)



NORTH ELEVATION (MAUKA)

1 BUILDING ELEVATIONS
1/40" = 1'-0"



DEPARTMENT OF DESIGN AND CONSTRUCTION
CITY & COUNTY OF HONOLULU

CANOE HALAU MASTER PLAN
FOR
ALA MOANA REGIONAL PARK

HONOLULU OAHU HAWAII
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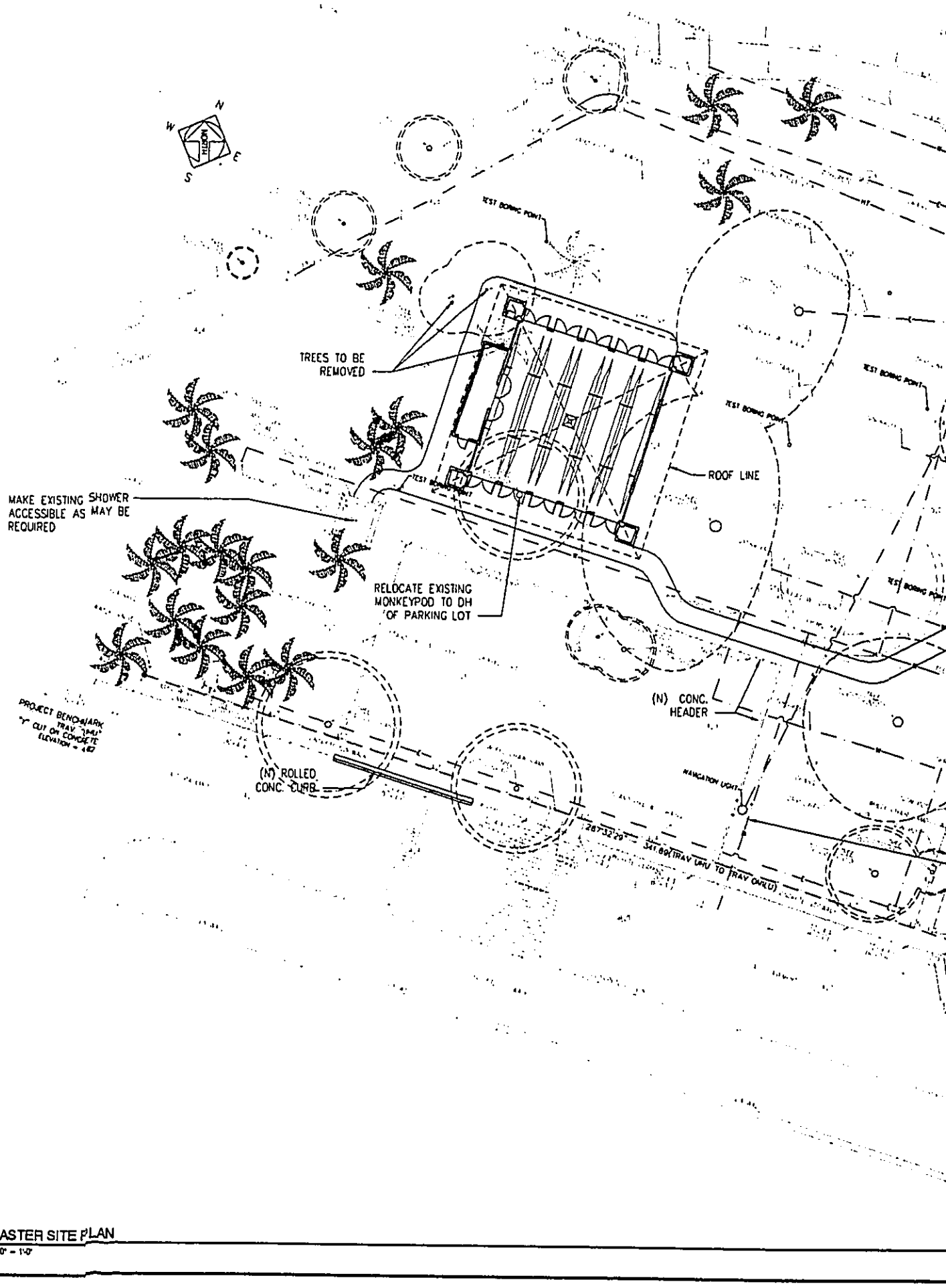
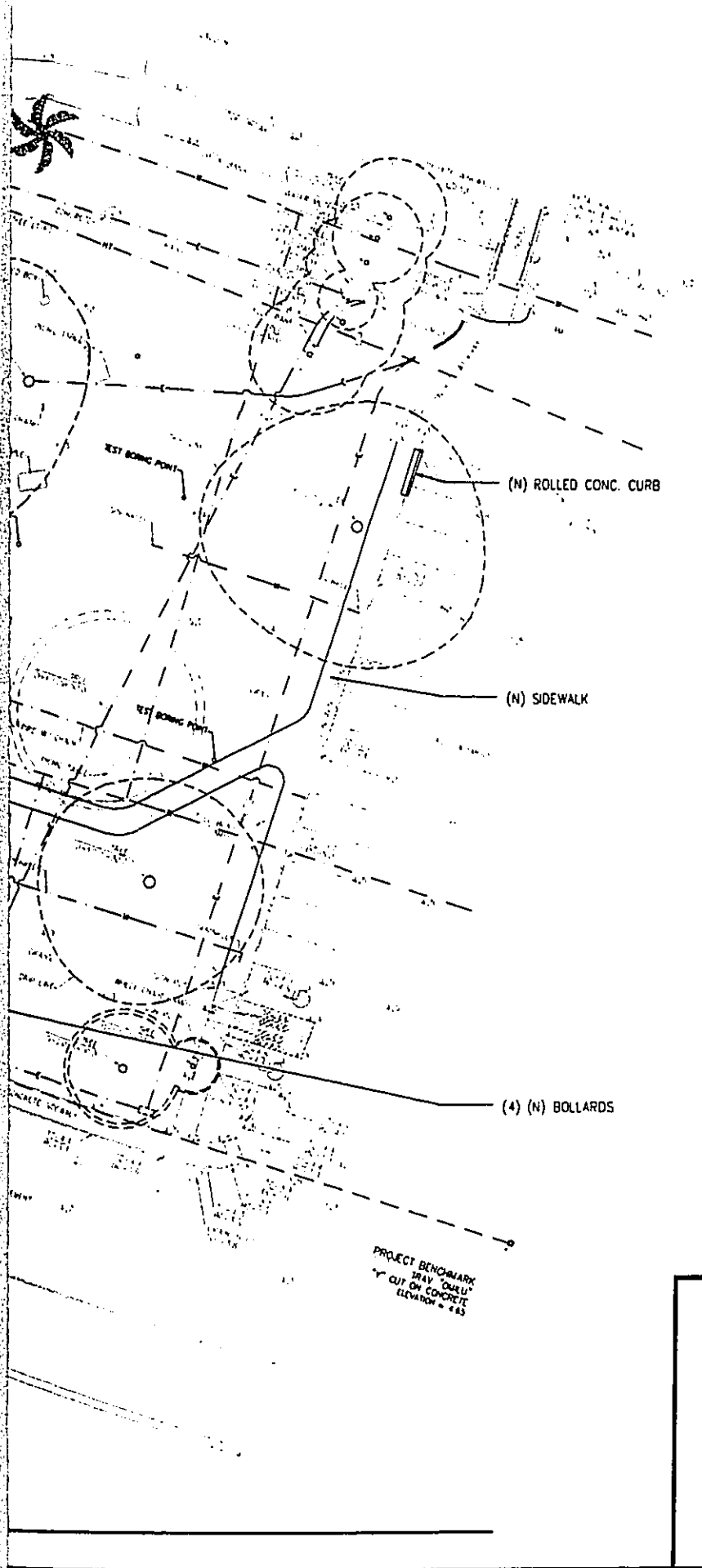
Director, Department of Design and Construction — Date

Director, Department of Parks and Recreation — Date



1 MASTER SITE PLAN
1/40" = 1'-0"



REVISION	DATE	DESCRIPTION	MADE BY	APPROVED

DEPARTMENT OF DESIGN AND CONSTRUCTION
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CANOE HALAU MASTER PLAN
FOR
ALA MOANA REGIONAL PARK

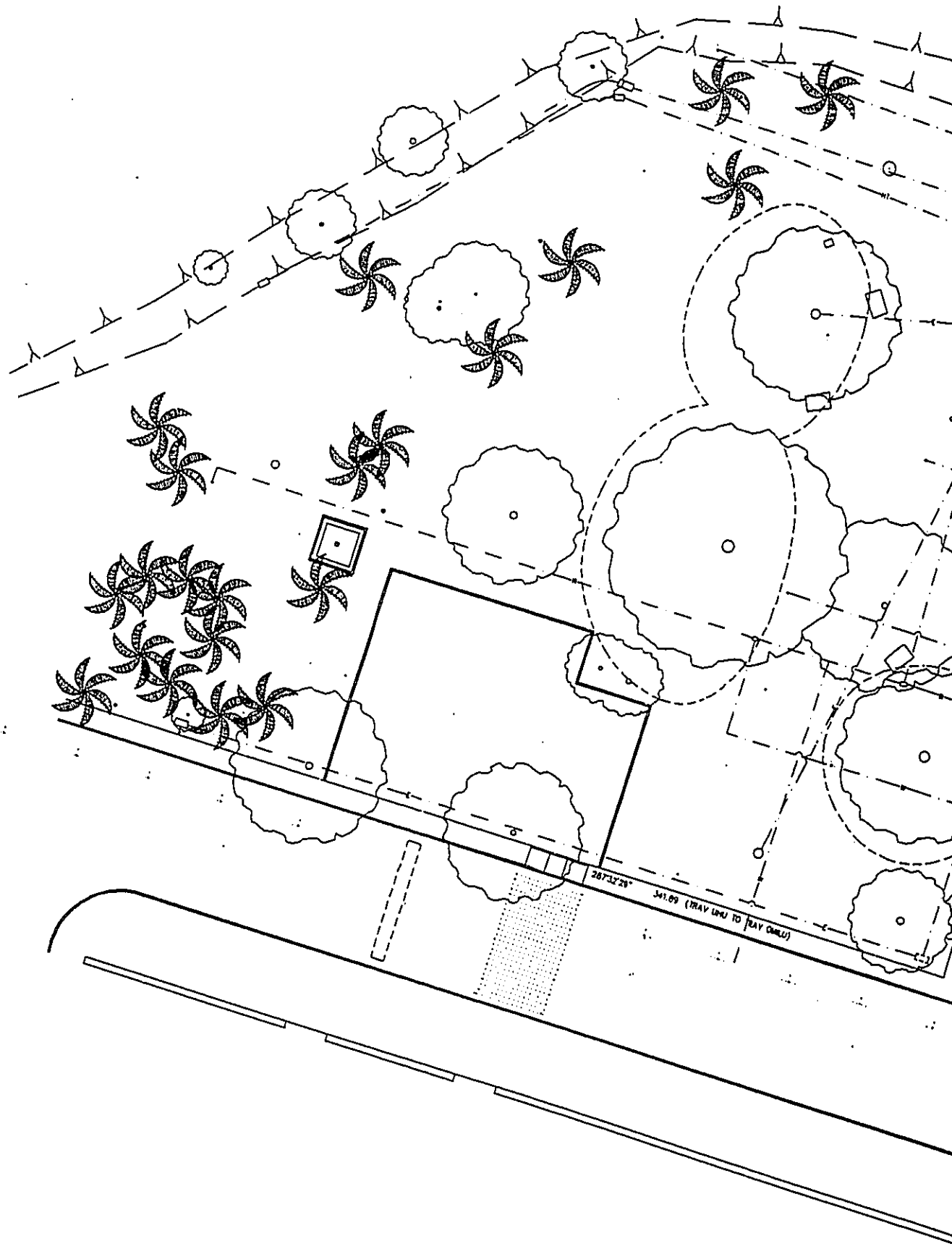
HONOLULU, OAHU, HAWAII
TAX MAP KEY: 2-3-37-001:0000

APPROVED:

Director, Department of Design and Construction — Date

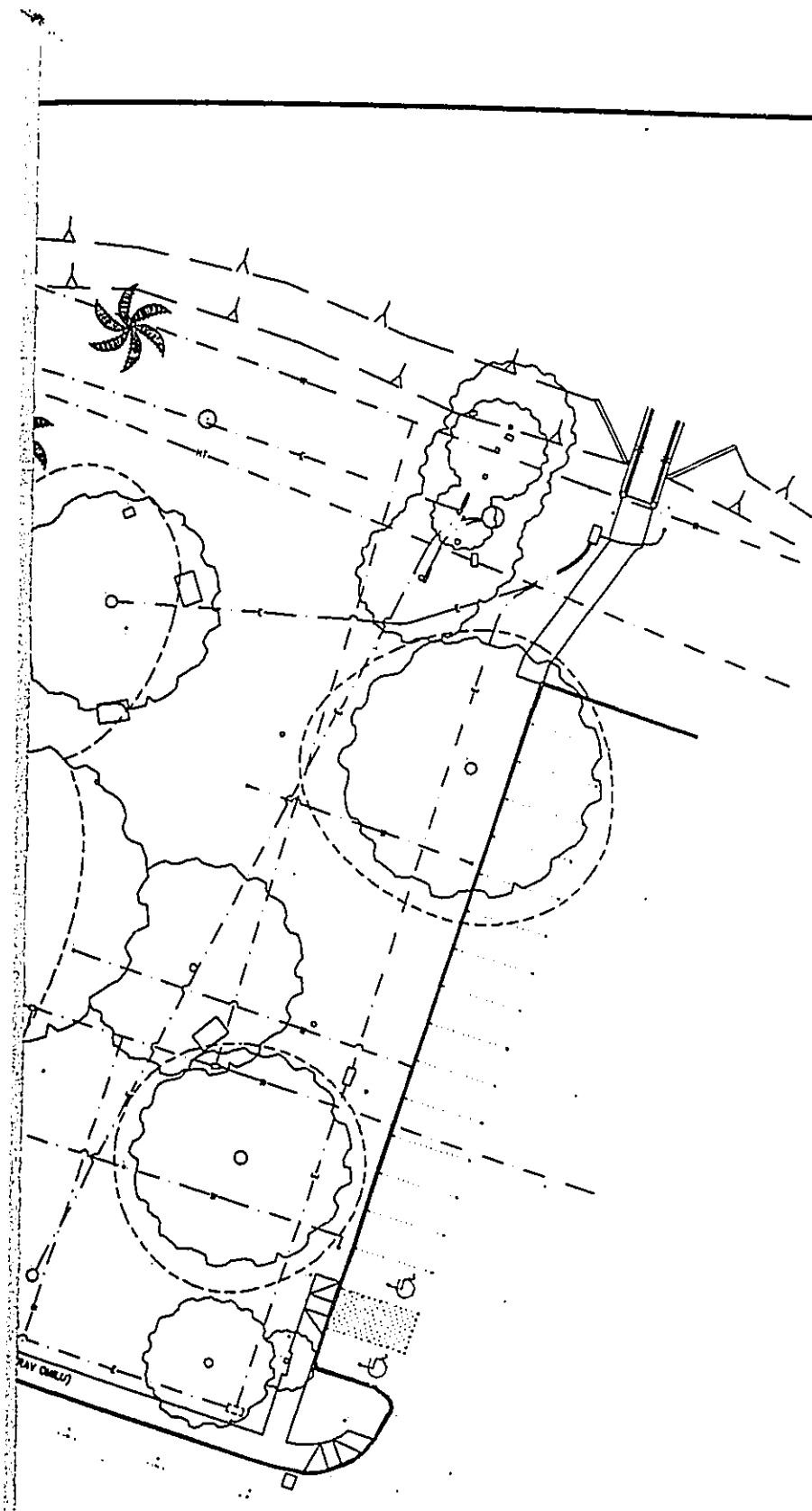
CONCUR:

Director, Department of Parks and Recreation — Date



EXISTING SITE

Scale: 1/40" = 1'-0"



DEPARTMENT OF DESIGN AND CONSTRUCTION

CANOE HALAU MASTER PLAN
FOR
ALA MOANA REGIONAL PARK

EXISTING SITE PLAN

FIGURE 3

Design Features:

The City and County of Honolulu architectural consultant AKTA Ltd. Ala Moana Regional Park Canoe Halau and Master Plan drawings, as previously described and illustrated herein will be used. This design concept was developed by AKTA Ltd. in cooperation with the City and County of Honolulu, Department of Design and Construction.

Parking

The two existing on-site asphalt concrete parking lot accessed from Ala Moana Park Drive and parking along Ala Moana Park Drive will be used to accommodate visitors to the proposed canoe halau. No new parking is planned for this part of the park.

Landscaping

The existing park includes grassed areas with coconut palm, banyan, monkeypod, hala, and kamani trees. Three coconut palms, two hala and a kamani tree will be removed. The monkeypod tree will be relocated to the Diamond Head side of the adjacent parking lot. After completion of construction the area will be re-grassed and temporarily irrigated. Some foundation planting near the building will be added. An existing irrigation system will be modified to meet the new conditions.

Accessibility

All facilities will be designed to meet the requirements of the American with Disabilities Act and the Americans with Disabilities Act requirements of § 103-50.

2.5 PROJECT COST, FUNDING AND SCHEDULE

As mentioned earlier, the proposed project is a product of the City's Vision Program and CIP funding. A total of $ 810,000.00 for planning, design, and construction of site improvements was included in the City fiscal year 2003 and 2004 budgets.

Advertisement of bids and award of contract was scheduled for November and December 2003. Construction is expected to begin in early 2005 and be completed within six to nine months. A private contractor will construct the proposed canoe halau and overall management of facility will be provided by the City & County of Honolulu Department of Parks and Recreation (DPR).

The proposed canoe halau and other site improvements at Ala Moana Regional Park are considered public uses. Ala Moana Regional Park is publicly owned, operated and maintained by the City & County of Honolulu Department of Parks and Recreation.

3. AFFECTED ENVIRONMENT

3.1 PHYSICAL ENVIRONMENT

3.1.1 TOPOGRAPHY

The project site is fairly level and located at elevation ranging between 5.1 feet and 5.6 feet above mean sea level (MSL). [2] The parcel is grassed in areas between Ala Moana Boulevard and Ala Moana Park Drive, and the majority of the site drains towards the parking lot and Ala Moana Park Drive.

Photo 3: View looking northwest at Coast Guard tower from sidewalk of Ala Moana Park Drive.

The existing outdoor canoe storage location is a graveled area at an elevation of 5.0 feet above MSL. The existing parking lot is located at about 4.7 feet above MSL. The elevation of Ala Moana Park Drive is approximately 4.3 feet above MSL. Several picnic tables are located sporadically within the site, as well as an existing shower with concrete splash slab at the makai-'ewa corner, and a Coast Guard Navigation tower on the southeast edge. On the makai side of Ala Moana Park Drive is an existing boat ramp used for launching the canoes. (See Photo 4)

[2] Walter P. Thompson, Inc. October 20, 2003 Site Survey

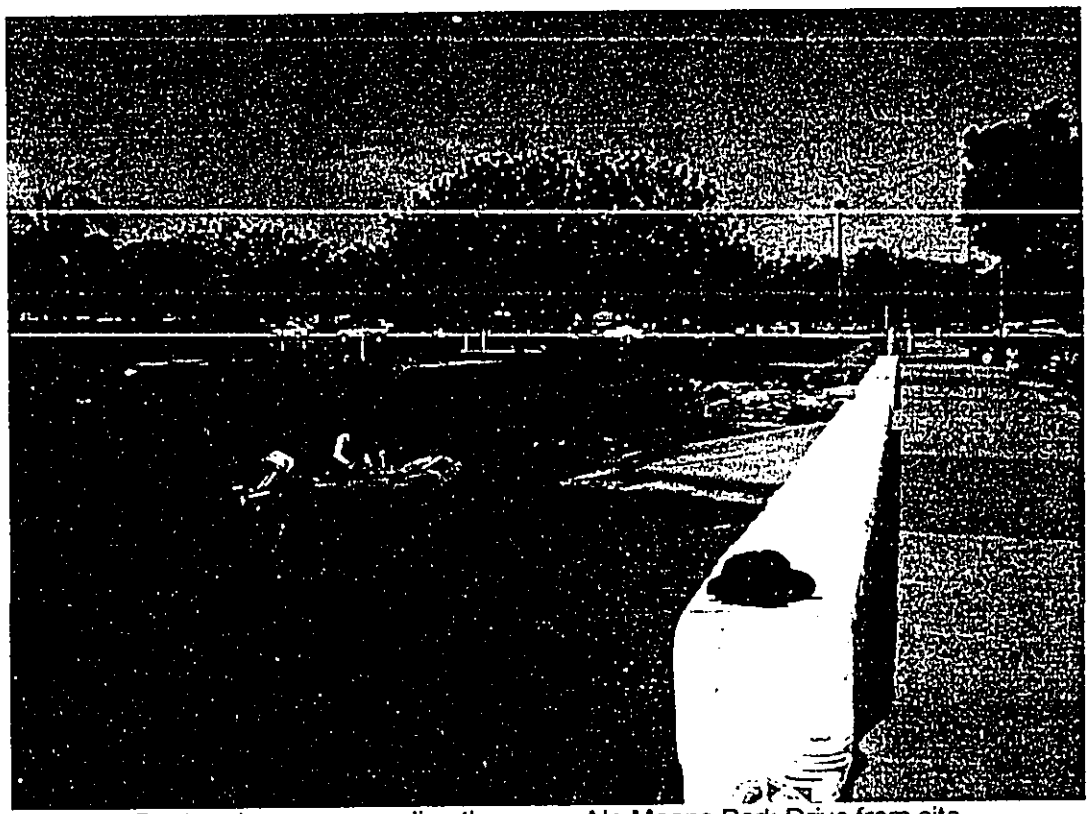


Photo 4: Boat and canoe ramp directly across Ala Moana Park Drive from site.

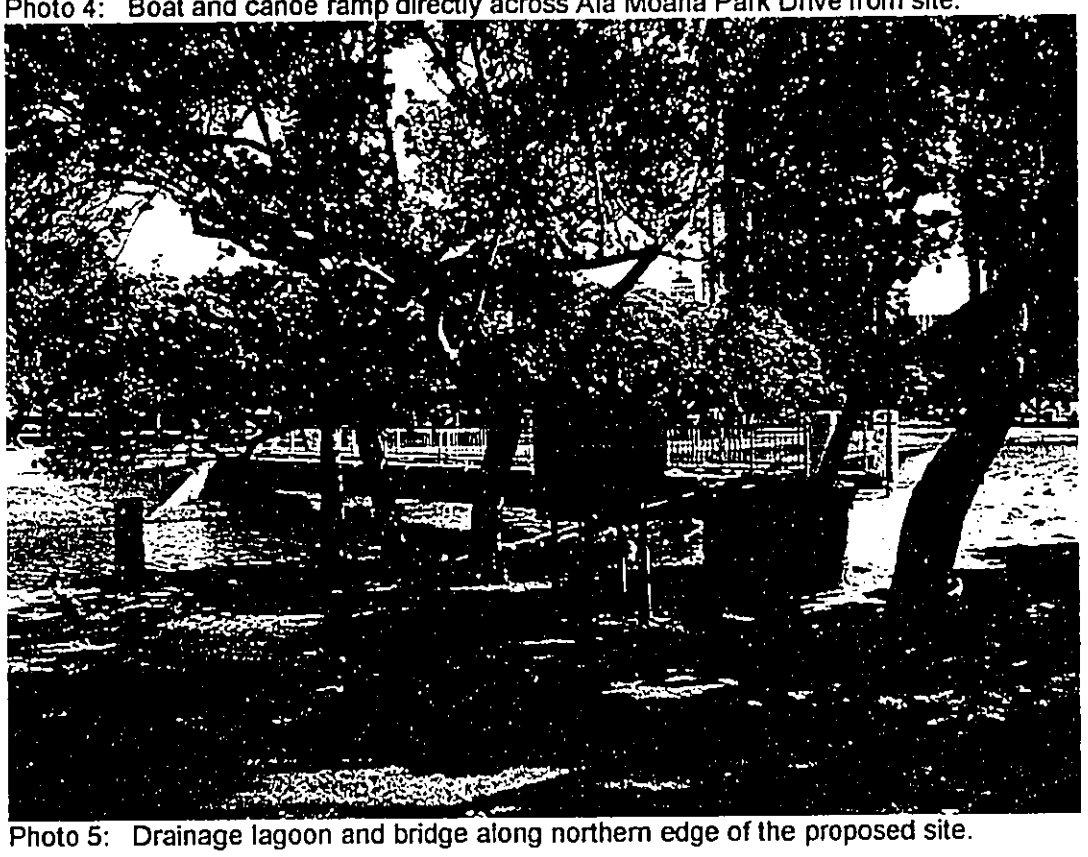


Photo 5: Drainage lagoon and bridge along northern edge of the proposed site.

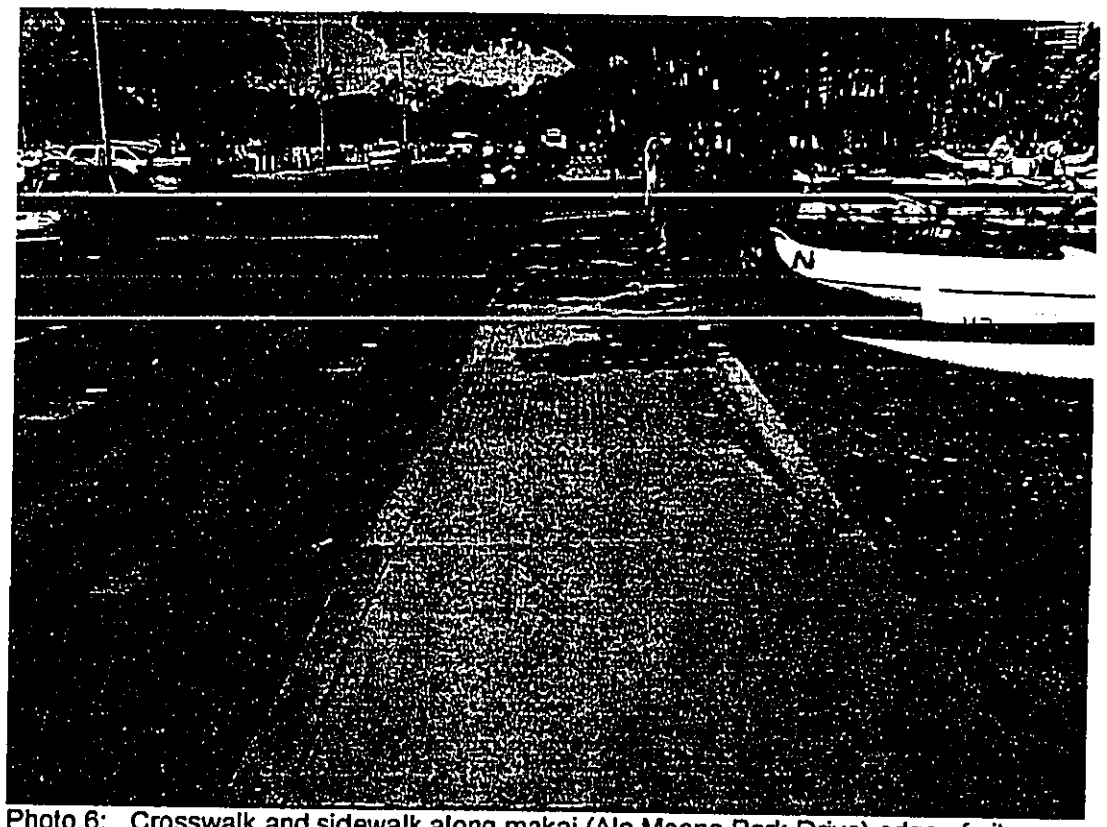


Photo 6: Crosswalk and sidewalk along makai (Ala Moana Park Drive) edge of site.

3.1.2 SOIL CHARACTERISTICS AND GROUNDWATER

Soils

According to Weidig Geoanalysts the following soil and geologic conditions occur at the beach park. "The site is underlain by a layer of silty topsoil less than a foot thick beneath which is a loose to semi compact sand fill extending to an average depth of about five feet. The fill was placed as part of the reclamation effort to create Ala Moana Park. Immediately beneath the fill is a rather uniform deposit of chiefly loose to very loose, gravelly coralline sand identified as lagoonal sediments to the maximum depth explored, approximately 21.5 feet. Ground water levels were measured at an average depth of about five feet, reflecting mean sea level.

The remainder of the proposed construction site is underlain by fill, placed to extend the old shoreline, overlying pelagic coral reefs and lagoonal deposits (Stearns, 1935; Finstick, 1998). The fill is composed chiefly of a mixture of sand and coral fragments with a low expansion potential, a low corrosion potential with respect to uncoated steel, and a low corrosion potential with respect to concrete (Foote *et al.*, 1972). Although it is nonexpansive, the fill is susceptible to severe erosion where exposed to wind or concentrated surface flow.

The test borings for Ala Moana Beach Park revealed a thin veneer of loose sandy silt (unified Soil Classification: MH) extending from the ground surface to a depth of less than one foot. Beneath this layer of topsoil is a zone of moist, chiefly semicompact, poorly graded, very fine to

medium corraline sand (SP) identified as a part of the reclamation fill placed to create all of Ala Moana Beach Park. Below the fill horizon, lies a rather uniform soil profile consisting of saturated, mostly loose to very loose, well graded fine to coarse coralline gravelly sand (Unified Soil Classification: SW). These soils are lagoonal deposits, found to contain abundant fragments of finer coral and shells broken by storm surges."[3]

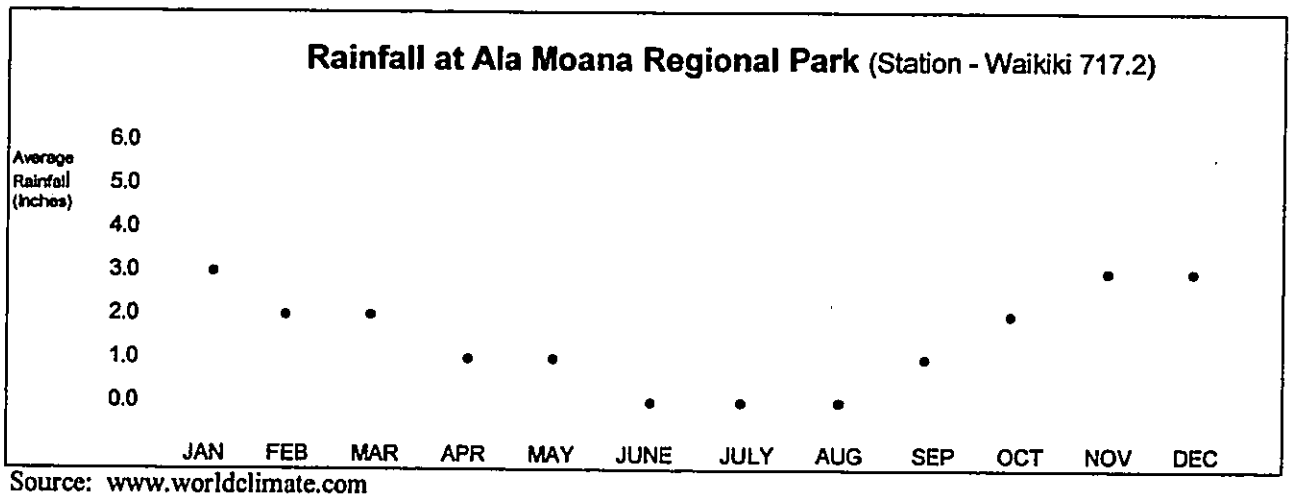
Groundwater

Stabilized ground water levels measured at depths ranging from about four to five and a half feet, reflecting adjacent sea level. Ground water levels can be expected to rise and fall with major seasonal tidal changes and are to some degree influenced by local irrigation practice as well as infiltration or surface runoff.

3.1.3 CLIMATE

The Ala Moana climate includes mild temperatures the year round (subtropical), moderate humidity and little variation in temperature between day and night. Prevailing winds are northeasterly trade winds that blow from the Koolau Mountain Range. Trade-winds occur 70 percent of the time, with a frequency range of from approximately 45 percent in January to about 90 percent in July. In the summer, between about May and October, when the sun is more directly overhead, the weather is warmer and drier and the trade winds most persistent. In winter, between about October and April, the sun is in the south, the weather is cooler and the trade winds more often interrupted by other winds and by intervals of widespread clouds and rain. Monthly average temperatures range from 70 degrees Fahrenheit in January to 78 degrees Fahrenheit in August. Average annual rainfall in Ala Moana varies throughout the year. The wet season extends from the beginning of November through February. (See Table 1)[4]

TABLE 1



Source: www.worldclimate.com

[3] Weidig Geoanalysts, Geotechnical Report, Ala Moana Beach Park Canoe Halau. October 29, 2003.
[4] U.S. National Weather Service, Forecast Office, Honolulu, Hawaii.

3.1.4 AIR QUALITY

Air quality in the area is mostly affected by air pollutants from vehicular sources. The project is located along Ala Moana Boulevard, a major roadway which links Honolulu Harbor, downtown and Waikiki. Ala Moana Boulevard presently carries a high level of vehicular traffic, particularly during the morning and evening commute period. The impact of the project is not considered significant because the trade-winds help keep pollution levels low. Ala Moana is not situated in an air quality maintenance or non-attainment area per the State Department of Health (DOH).

3.1.5 WATER QUALITY

The ocean outside Ala Moana Regional Park is designated as class A by the State Department of Health, Clean Water Branch. Waters in nearby Kewalo Basin are class A, and waters in the Ala Wai Canal are considered estuary class 2. Marine waters are classified as AA or A. According to Hawaii Administrative Rules, Chapter 11-54 "it is the objective of class AA waters that these waters remains in their natural pristine state as nearly as possible with an absolute minimum of pollution or alteration of water quality from any human-caused source or actions. To the extent practicable, the wilderness character of these areas shall be protected." There is no point source discharge in this area; however, heavy rains coming from Kapahulu & Makiki can cause a non-point source discharge of murky waters from the Ala Wai Canal. A box culvert from Pensacola Drain also empties into Kewalo Basin, at the west end of the park. A reverse current can bring these murky waters near the beach park, however, the waters appear clean. Point source discharge means end-of-pipe discharges from factories or sewage treatment plants. Non-point source pollution (NPS) or polluted runoff comes from many land uses such as agriculture, industrial and residential zones, forests, and marinas.

3.1.6 NATURAL HAZARDS

Flood Hazard

According to the Federal Emergency Management Agency (FEMA), Flood Insurance Rate Map the entire regional park is located in a Zone A and AE. Zone A has an undetermined elevation, while Zone AE has an elevation range from 4 feet to 5 feet, with a base flood elevation for a 100-year storm.[5] (See Figure 8). The proposed canoe halau site is located in both Zone A and Zone AE 5 feet. According to Oahu Civil Defense Agency, the subject property is also located in a Tsunami inundation zone.

The proposed action will not exacerbate any hazard conditions. Planning and design for the project will comply with flood hazard district and other structural standards to mitigate any potential damages.

[5] Flood Insurance Rate Map (FIRM) Prepared by the Federal Emergency Management Agency, Map Number 150001365E, Effective date November 20, 2000.

Hurricane Hazard

The potential impact of destructive winds and torrential rainfall of tropical storms and hurricanes on the proposed canoe halau will be mitigated by compliance with the Uniform Building Code adopted by the City and County of Honolulu.

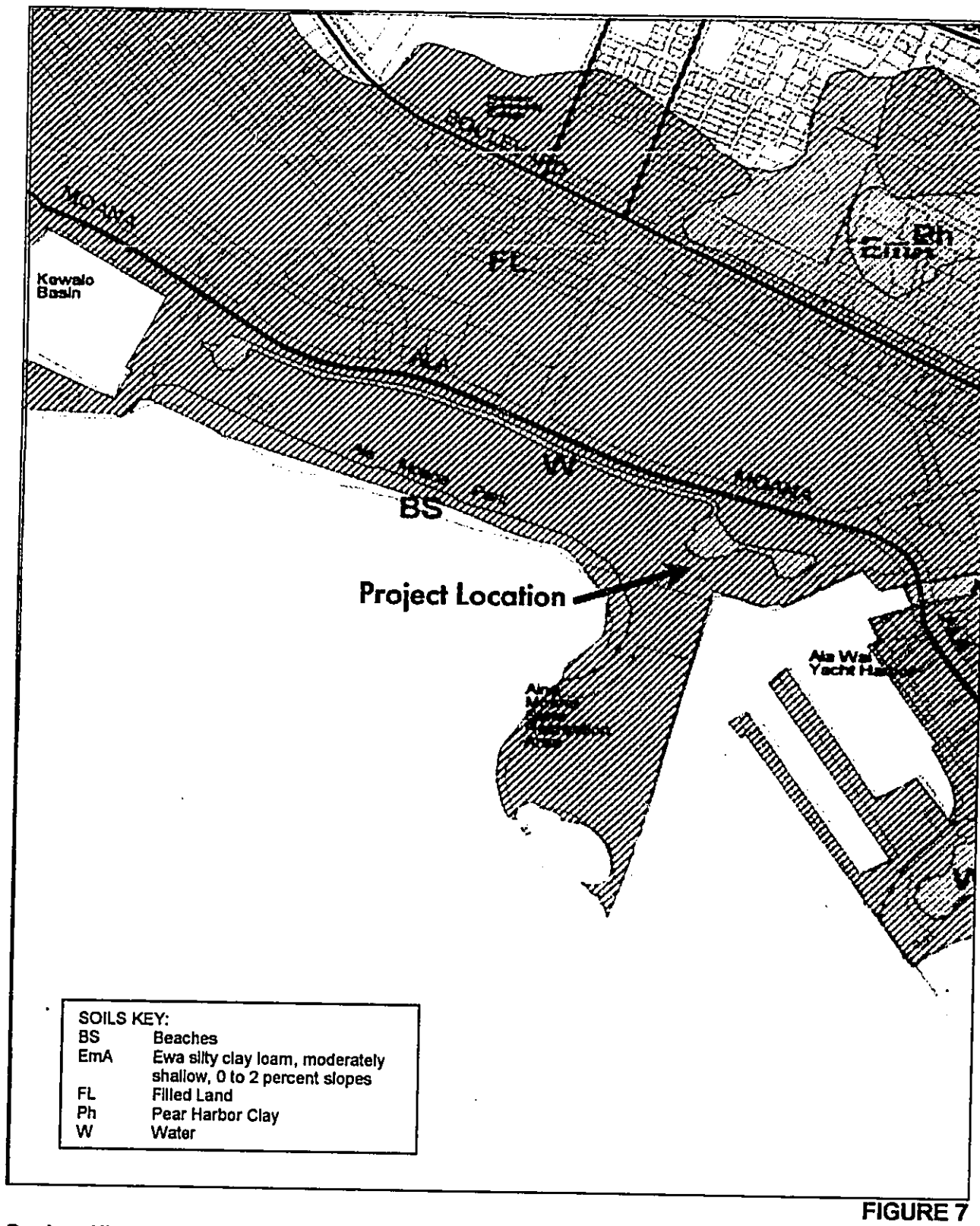
Seismic Activity

The Uniform Building Code (UBC) provides minimum design criteria to address the possibility of damages due to seismic disturbances. The UBC rates seismic zones on a scale from Zone 1 through Zone 4, 1 being the lowest level of earthquake-induced ground movement. Oahu is a designated Seismic Zone 2A.

3.1.7 NOISE

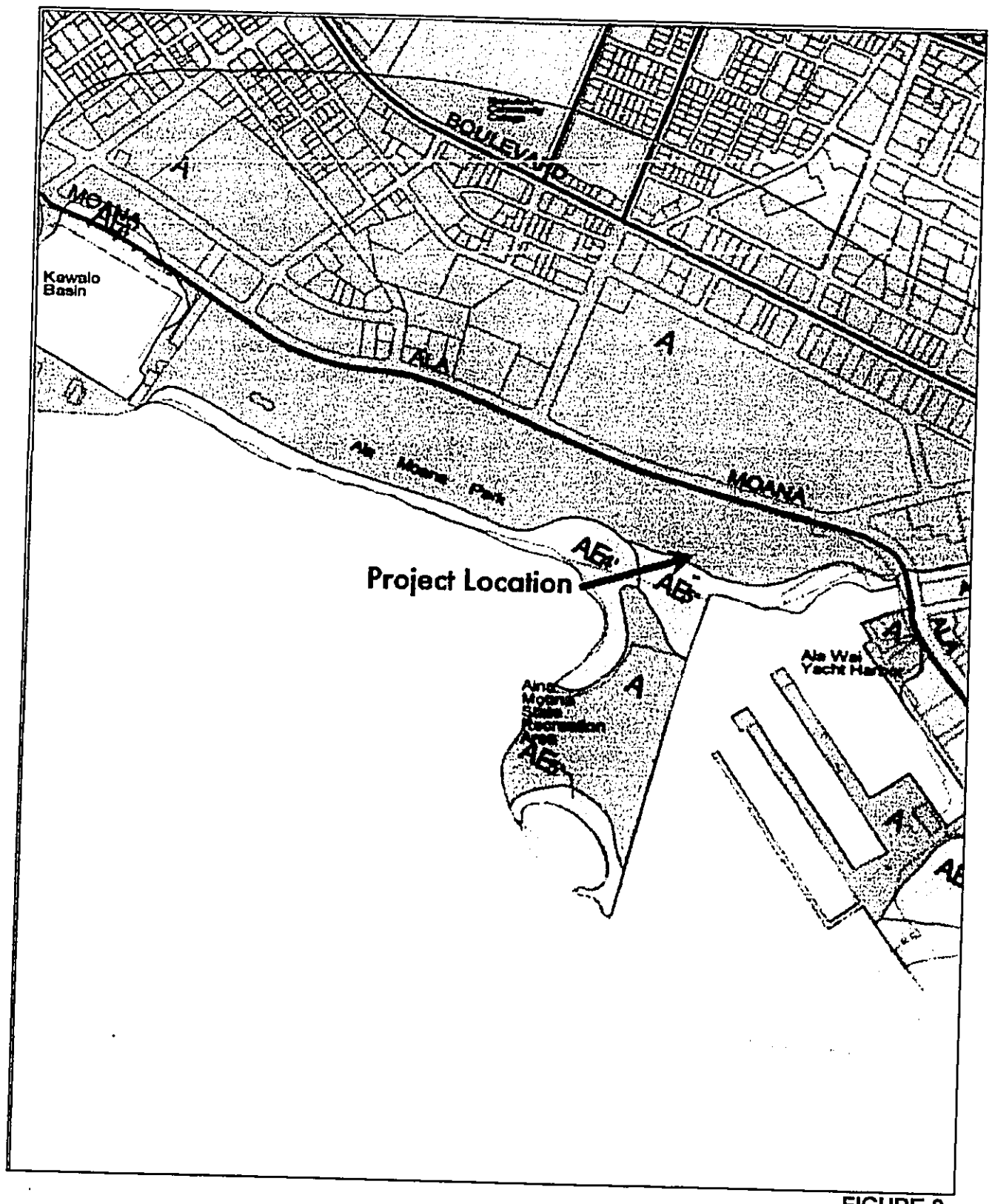
Existing noise levels at the project site are consistent with similar coastal locations in the surrounding area. Traffic noise from Ala Moana Boulevard is the predominant source of background noise in the vicinity of the project site.

Construction activities related to the proposed canoe halau will affect noise levels. Construction equipment, such as tractor with an excavator and/or, front-loader and small crane or truck mounted hoist and material-carrying trucks and trailers, would be the dominant source of noise during the construction period. The noise impact on park users is expected to be minimal, since the areas adjacent to the site are a parking lot, drainage lagoon, and yacht harbor. Construction will be confined to daylight working hours only and should be short-term. Construction will comply with the State Department of Health's *Administrative Rules, Chapter 11-46.*



Scale: 1" = 1000'

FIGURE 7
SOILS MAP



Scale: 1" = 1000'

FIGURE 8
FLOOD MAP

3.2 BIOLOGICAL ENVIRONMENT

3.2.1 FLORA

Almost the entire project parcel is maintained as an open lawn area by mowing of grass and removal of weedy shrubs. Only the parking lots are not maintained as lawn. Vegetation on the site consists primarily of grass, alien weeds, and trees of common varieties. Mature banyan trees border the site along the parking lot and road. Five of the existing banyan trees in the immediate area of the proposed canoe halau are considered "exceptional trees." Three of these trees are presently being pruned to maintain the required clear line-of-sight for the navigational lights marking the entrance channel to the Ala Wai Boat Harbor. Coconut palms border the site along the drainage lagoon. One coconut palm, two hala, a monkeypod, and a kamani tree are located at the building site. There are no rare, endangered or threatened species of plants that inhabit the site.

3.2.2 FAUNA

There are no rare, endangered or threatened species of wildlife that inhabit the project site.

3.2.3 MARINE WILDLIFE

According to the National Fisheries Service (NMFS), the following species may be found in the Ala Moana Regional Park area; "Threatened green turtles (*chelonia mydas*), and endangered hawksbill turtles (*Eretmochelys imbricata*) occur in the waters around Oahu. Green turtles may also be found on/near the beaches of Ala Moana Beach Park. Endangered Hawaiian monk seals (*Monachus schauinslandi*) are also found in the nearshore waters and beaches of Oahu and could potentially be found in the project area."[6]

3.3 SOCIO ECONOMIC ENVIRONMENT

Ala Moana is primarily known for its high-density multi-family complexes. Commercial uses in the vicinity of the project site includes large malls along Ala Moana Boulevard; Ala Moana Center and the Victoria Ward Centers, Ward Centre, Ward Warehouse and Ward Entertainment Center. There is a snack-bar and bath house located in this part of the park. Recreational facilities in the vicinity of the project site include Kaka'ako Waterfront State Recreation Area, Fort DeRussy Park, Ala Wai Boat Harbor, and Waikiki Yacht Club.

[6] Letter from National Marine Fisheries Service, dated November 7, 2003.

3.3.1 POPULATION

On the weekdays the primary users of the park are local residents and tourists staying in Waikiki and who ride city buses to the bus stop on the mauka side of Ala Moana Boulevard. During the weekends however, the park users are primarily the local population. The 2000 census counted 14,186 residents in Ala Moana. As seen in table 2, Ala Moana experienced 29.2 percent growth between 1990 and 2000. In contrast, the population of the Primary Urban Center declined 2.9 percent over the same period.

Table 2: Population in Ala Moana, the Primary Urban Center, and Oahu, 1990-2000

Area	1990	2000	Net Change 1990-2000	Percent Change 1990-2000
Ala Moana	10,978	14,186	3,208	29.2%
PUC	432,023	419,338	-12,685	-2.9%
Oahu	836,231	876,156	39,925	4.8%

Source: U.S. Census Bureau

Table 3: Population by Age Group in Ala Moana, the PUC, and Oahu, 2000

Area	Under 5 Years	5 – 17 years	18 – 64 Years	65 Years and Over
Ala Moana	537	1,146	9,470	3,033
PUC	22,284	60,182	265,915	70,957
Oahu	56,849	151,909	549,661	117,737

Source: U.S. Census Bureau

The population growth statistics for Ala Moana support continued demand for recreational and beach park facilities.

3.3.2 SURROUNDING LAND USES

Bordering the park across Ala Moan Boulevard is Ala Moana Center, along with high-density commercial areas and residential neighborhoods.

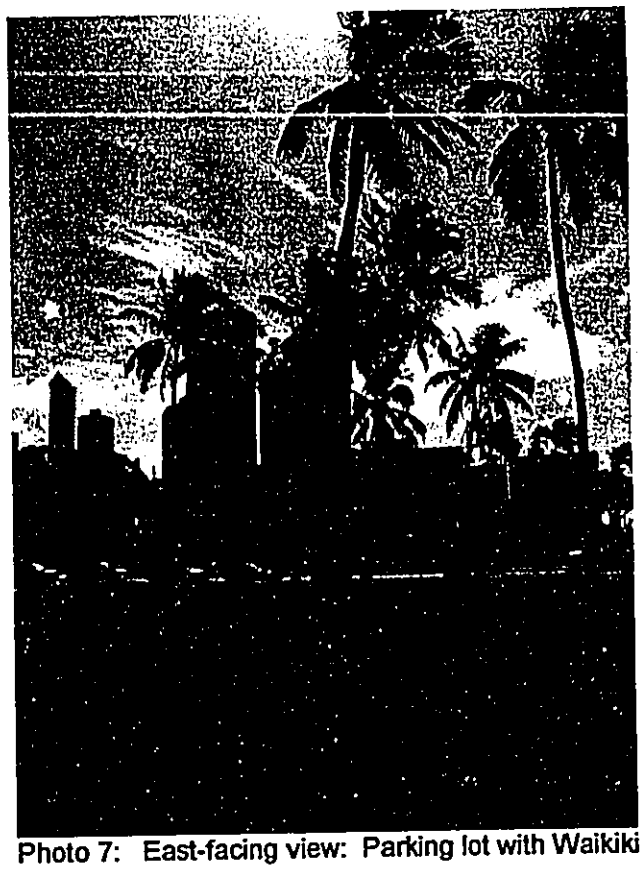


Photo 7: East-facing view: Parking lot with Waikiki Yacht Club and Waikiki beyond.

Photo 8: North-facing view: Ala Moana Center and Ala Moana Hotel in background.

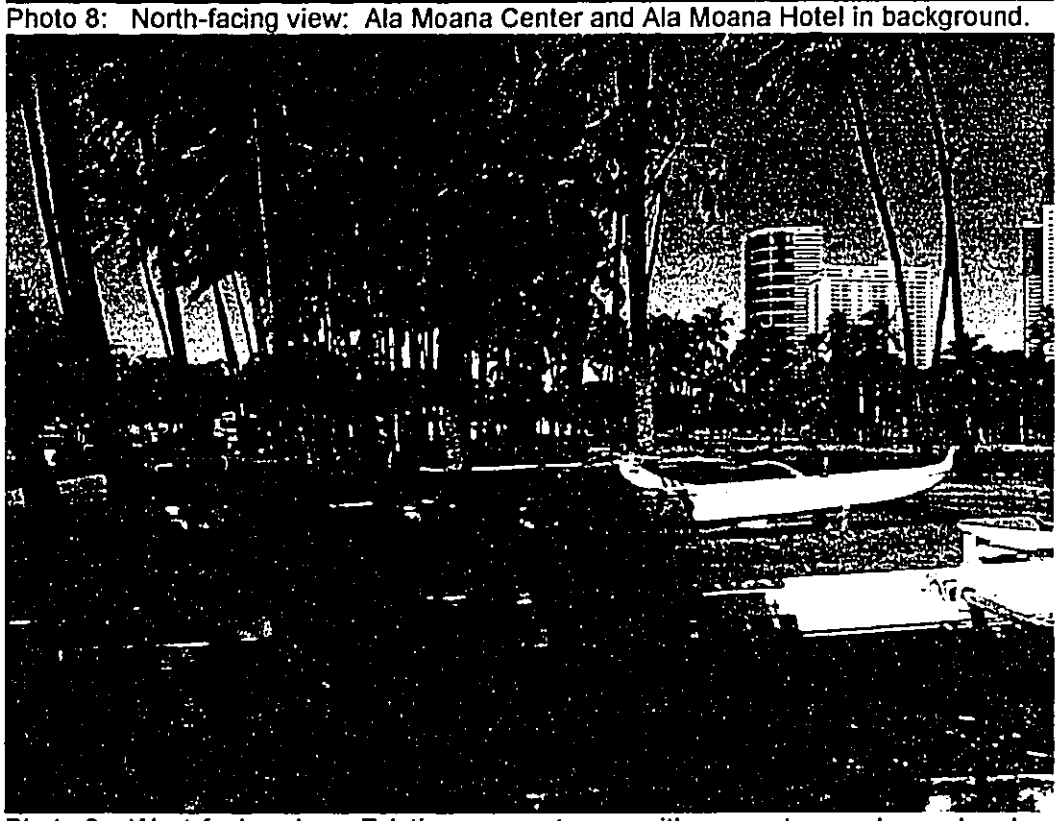


Photo 9: West-facing view: Existing canoe storage with coconut grove beyond and residential towers overlooking the western edge of the park.

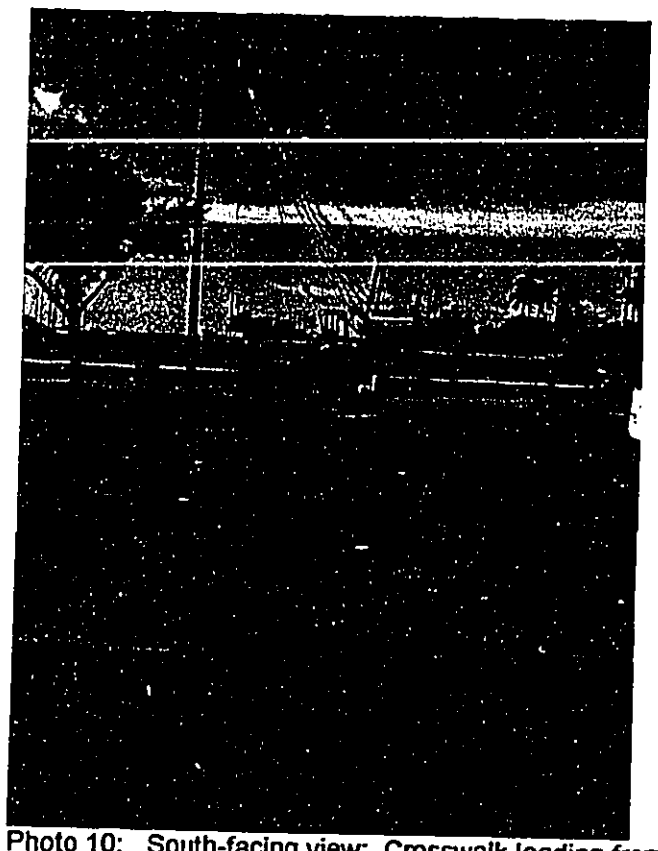


Photo 10: South-facing view: Crosswalk leading from existing canoe storage across Ala Moana Park Drive to canoe ramp and Ala Wai Marina beyond.

3.3.3 VISUAL AND SCENIC RESOURCES

The strip of Ala Moana Boulevard fronting the park is primarily urban. Vehicles and pedestrians traveling along glimpse the ocean between existing park trees and commercial buildings. The new canoe halau will be located in an existing grassy area bordered by coconut palms, banyan, hala, monkeypod, and kamani trees. The proposed canoe halau would have no scenic impact on nearby commercial establishments in this part of the park. Ocean views for businesses across Ala Moana Boulevard (Ala Moana Center) are currently partially obstructed by coconut palms and other vegetation in this part of the park or are above the vegetation line (Mariposa, restaurant at Neimann Marcus).

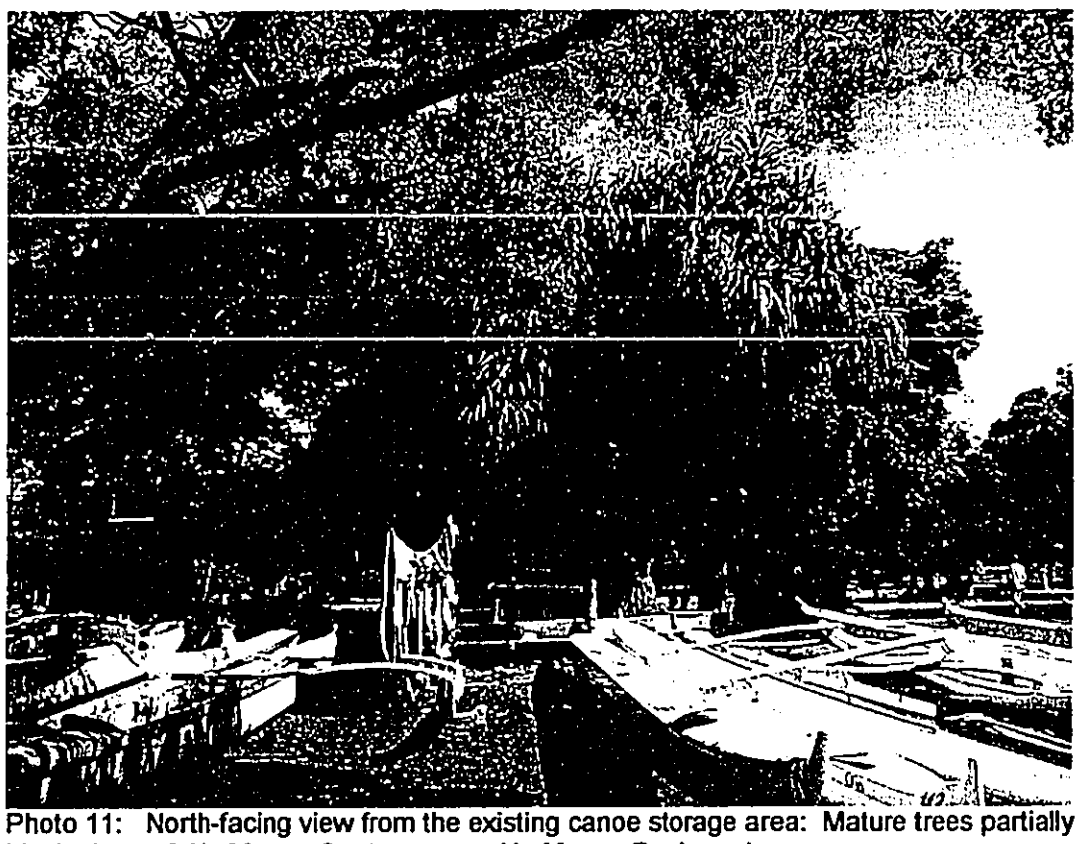


Photo 11: North-facing view from the existing canoe storage area: Mature trees partially block views of Ala Moana Center across Ala Moana Boulevard.

3.3.4 RECREATIONAL RESOURCES

Residents in the area typically depend on the natural environment for recreation, notably the beaches and ocean in this area. Some recreational resources provided by Ala Moana Regional Park are fishing, kayaking, swimming, surfing, picnicking, tennis, jogging, and outrigger canoe paddling. There are no anticipated changes in these activities if the proposed improvements are implemented. Moreover, canoeing is an increasingly popular and important recreational and cultural resource for community members of all ages.

3.3.5 ARCHEOLOGICAL, HISTORIC AND CULTURAL RESOURCES

According to Pacific Legacy, Inc. "our investigation of the proposed project area indicates that no archaeological resources have been recorded in the project area and that there is a low potential for any subsurface archaeological remains. It does not appear that construction will affect any archaeological resources and no further archaeological work is recommended. However, if any archaeological resources, such as human remains, are found, work should cease immediately and the Historic Preservation Division should be contacted (Dr. Sara Collins at 692-

8027). The construction of the canoe halau will cause minimal land disturbance, since the proposed construction site is on a level, open grass area."[7]

CULTURAL RESOURCES

No on-going cultural or religious practices were identified during field investigations of the park. According to the Office of Hawaiian Affairs, "OHA is not aware of any Native Hawaiian Cultural practices, such as gatherings or religious ceremonies that take place on a regular basis at Ala Moana Beach Park."[8]

3.4 TRAFFIC AND CIRCULATION

EXISTING ROADWAY SYSTEM

Primary and only access to and from Ala Moana Regional Park is from Ala Moana Boulevard, the roadway closest to the ocean in this part of Honolulu. The boulevard links Honolulu Harbor and downtown Honolulu to Waikiki. The highway consists of three lanes in each direction and is heavily used during the morning and evening commute hours. The speed limit in the vicinity of the beach park is 35 miles per hour. Inside the park, Ala Moana Park Drive spans the entire length of the park, approximately ¾ mile, and connects the two park entrances/exits onto Ala Moana Boulevard. The speed limit on Ala Moana Park Drive is 15 miles per hour.

The major intersection near the project site is located at the northeast side of the park, at the intersection of Atkinson Drive and Ala Moana Boulevard. There is also a smaller intersection at the northwest side of the park, at Kamakee Street and Ala Moana Boulevard. On a short-term basis, traffic flow on Ala Moana Park Drive and Ala Moana Boulevard may be impacted as construction vehicles enter and exit the project site. This impact however, is not considered significant due to the short time period this will occur and that the traffic at the intersection is regulated by traffic lights. On a long-term basis there are no anticipated traffic impacts associated with the proposed action.

TRAFFIC CONDITIONS

The State Highway Division collects traffic count data at various locations on an annual basis. Based on these counts, traffic estimates are calculated on segments of highway. Table 4A and B shows peak hour and daily volumes for 1990 and 1996 at Ala Moana Boulevard.

Traiffic data for other streets in that area that could be affected by the proposed project are not available.

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[7] Pacific Legacy, Inc, Archaeological Assessment for Ala Moana Beach Park. October 2003.
[8] Letter from Office of Hawaiian Affairs, dated November 13, 2003

Table 4: Ala Moana Boulevard Traffic Counts

Intersection at Ala Moana Boulevard & Ala Moana Park Entrance

Year	24-Hour Period		AM Peak Hour		PM Peak Hour	
	Entering Park	Exiting Park	Entering Park	Exiting Park	Entering Park	Exiting Park
1990	19,546	6,256				
1996	24,430	3,644	1,322	169	2,206	348

Source: State Highways Division, *Traffic Survey Data, Island of Oahu,* Station 601

Table 5: Ala Moana Boulevard Traffic Counts

Intersection at Ala Moana Boulevard at Atkinson Drive [count taken west of Atkinson Drive]

Year	24-Hour Period		AM Peak Hour		PM Peak Hour	
	West Bound	East Bound	West Bound	East Bound	West Bound	East Bound
1990	31,620	25,078				
1996	29,930	26,035	2,464	1,400	1,804	2,673

Source: State Highways Division, *Traffic Survey Data, Island of Oahu,* Station 601

Access to the park can be made via Ala Moana Boulevard or Atkinson Drive and Kamakee Street which crosses Ala Moana Boulevard at the park entrances. Traffic signals regulate the traffic flow in to and out of the park.

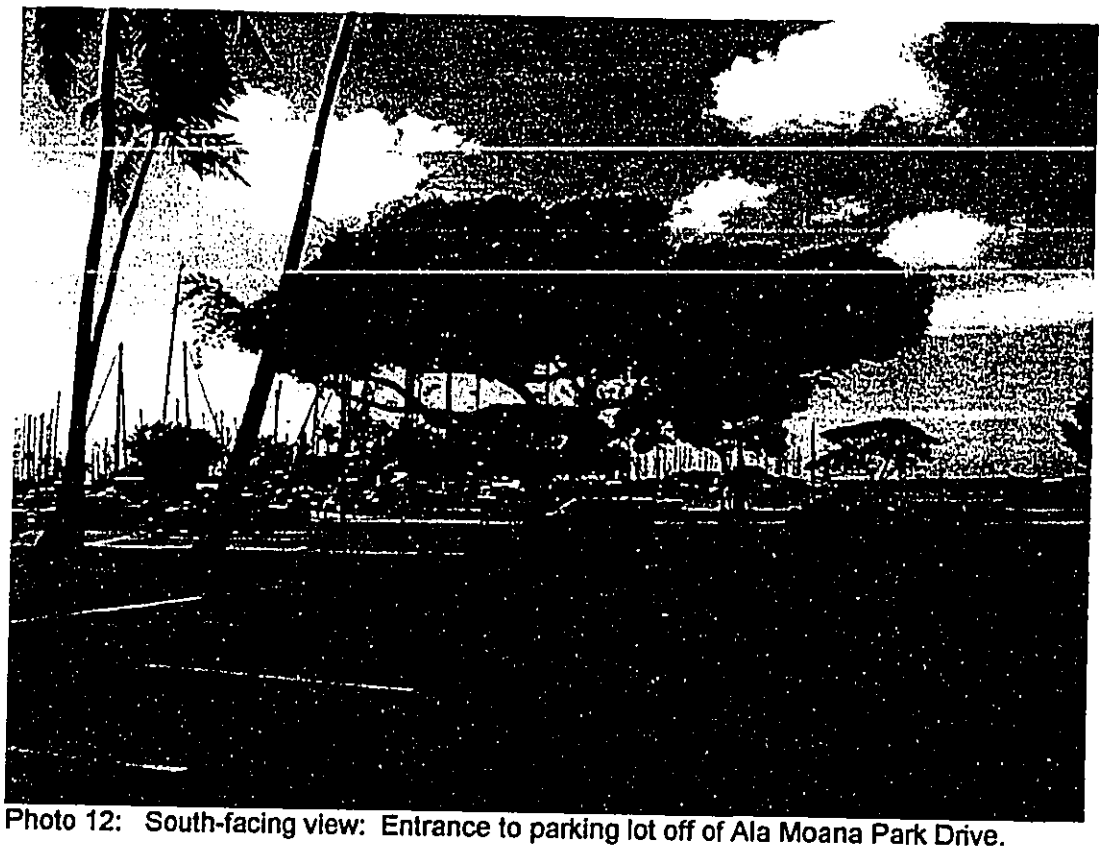


Photo 12: South-facing view: Entrance to parking lot off of Ala Moana Park Drive.

3.4.1 EXISTING PARKING

The existing parking lot adjacent to the proposed canoe halau site accommodates thirty-three standard and two ADA accessible parking spaces, and there is existing parallel parking along Ala Moana Park Drive. In addition to the existing adjacent parking lot, there is the existing Magic Island parking lot on the ocean side of the site with 458 standard and 16 ADA accessible parking spaces.

Photo 13: Southwest-facing view: Entrance to Magic Island parking lot across Ala Moana Park Drive.

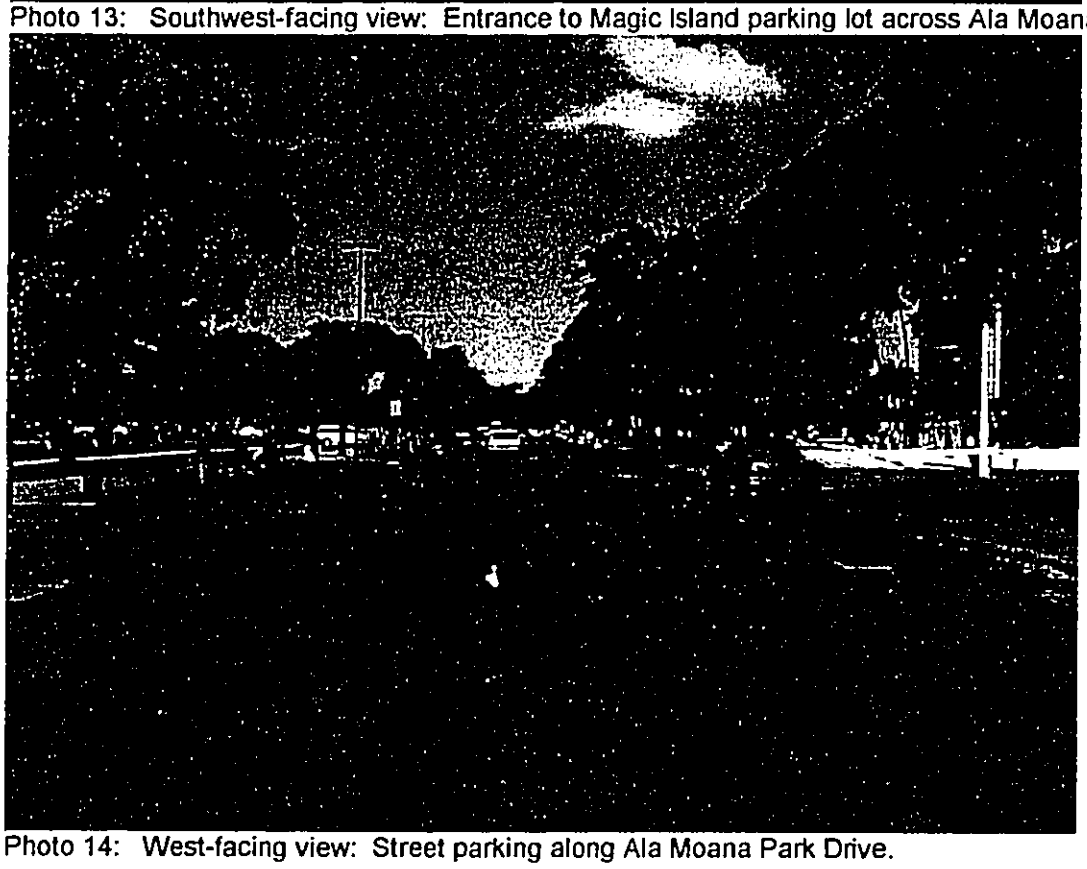


Photo 14: West-facing view: Street parking along Ala Moana Park Drive.

3.5 PUBLIC UTILITIES AND SERVICES

3.5.1 WATER SUPPLY

The project is presently served by one of two existing 8-inch meter (Board of Water Supply, Premise-ID 1011828).

3.5.2 STORM WATER

Storm water is presently absorbed on the subject property since it is relatively flat with minimal paved surfaces. The velocity and volume of on-site flows is expected to increase slightly with the addition of impervious area and there will be no additional adverse effects resulting from the proposed canoe halau.

3.5.3 EXISTING ELECTRICAL SERVICE

Hawaiian Electric provides electrical service at the site. Connections, as well as electrical panels, are available at the subject property. There are existing light poles along Ala Moana Park Drive, as well as inside the existing parking lots.

3.5.4 SOLID WASTE DISPOSAL

Solid waste shall be contained and removed from the site daily. Dumpsters are emptied as needed. This service is provided by the City and County of Honolulu, Department of Parks and Recreation.

3.5.5 OTHER SITE UTILITES

A Coast Guard navigation light is located at the southeast edge of the site. Construction of the canoe halau is not expected to interfere with this structure.

3.5.6 PUBLIC HEALTH AND SAFETY SERVICES

Ala Moana Regional Park is located in District 1 of the Honolulu Police Department. District 1 primarily covers the downtown Honolulu area, stretching from Liliha Street to Punahou Street. The resident population of the district is about 70,000 people. As the retail, financial, and political center of the State of Hawaii, the actual number of people in the district at any given time is much greater. The command's administrative offices are located in the Alapai headquarters.

The park is part of Beat 172 with two officers assigned to this beat. Additional officers from other beats might be dispatched dependent on the incident. The Ala Moana Beach Patrol provides seven supplementary officers during the weekend, with Social Services also providing 2 additional horse patrolmen.

According to HPD's Annual Report, the following offenses were committed in Beat 172 during the year:

No. of Reports	Offenses
8	Assault
5	Burglary
405	Larceny
8	Theft

The major police issues pertaining to the park also include street robbery, fighting, and problems with the homeless people who make their residence in the park. Security is a possible problem as groups of people hang out in the park at night. Except for patrons to Waikiki Yacht Club, Ala Moana Regional Park is closed to parking at night.

Fire protection is provided by Pawa'a Fire Station # 2 located at 1610 Makaloa Street, approximately 1.2 miles from the park. Engine 2, an ocean rescue boat and fifteen firefighters for each shift service the local population.

Kapiolani Medical Center, located at 1219 Punahou Street, and Straub Hospital, located at 888 South King Street, are the closest medical facilities with an emergency room. Additional medical aid is provided by the First Responders team based at Pawa'a Fire Station.

4. POTENTIAL ENVIRONMENTAL IMPACTS AND MITIGATION MEASURES

4.1 PHYSICAL SETTING

4.1.1 TOPOGRAPHY

The existing terrain is relatively flat along Ala Moana Boulevard and throughout the beach park. The canoe halau will generally be located at the site to the west of the existing parking lot. Some excavation will be required for the foundation and utilities, other than that the grading is minor. Grading quantities will be less than 50 cubic yards and the anticipated amount of grading (fill) will be 41 cubic yards.

Disturbed areas immediately surrounding the canoe halau will be topdressed and re-grassed. Gravel and planting of naupaka will also be used. No mitigation measures are necessary.

4.1.2 SOILS

Erodable beach sand and sandy soils (see section 3.1.2) are predominant in the park, however, no soil disturbance will occur in natural areas.

4.1.3 COASTAL EROSION

No new erosion protection features are planned for this beach park. All of the work will occur beyond the vegetation line. No mitigation measures are necessary.

4.1.4 AIR QUALITY

Day-to-day beach park operations are not expected to generate any long-term negative impact on air-quality. Short–term adverse impact on air-quality might be due to emissions from construction machinery and vehicles as well as dust associated with construction and landscaping activities. The following measures will be taken to mitigate these impacts:

a) Construction debris and excavated materials that is not used for construction will be disposed of at appropriate facilities. Stockpiles will be covered.

b) If necessary, the contractor will water site periodically.

c) Contractor will use properly maintained vehicles to minimize pollution.

Construction activities will employ fugitive dust emission control measures in compliance with provisions of Hawaii Administrative Rules (HAR), Chapter 11-60.1, "Air Pollution Control,"

Section 11-60.1-33 on Fugitive Dust and of the State Department of Health Rules and Regulations (Chapter 43, Section 10).

Once the construction is completed, it is anticipated that the canoe halau will not have an adverse impact upon air quality in the area; thus no long-term mitigative measures are needed.

4.1.5 WATER QUALITY

As the canoe halau construction is implemented, storm water runoff is expected to increase. When construction is completed, impermeable surfaces (rooftops and walkways) are expected increase. Any additional run-off created by the new hardscape can be handled by existing means, i.e. on-site percolation.

Temporary ground cover, plastic barriers, silt fences and cut-off ditches are examples of soil erosion control measures used during construction.

The proposed canoe halau will not change the ocean-related activities that currently take place at Ala Moana Regional Park, except for providing much-needed canoe storage upgrades. During the construction period, the impact to coastal waters will not be affected, as the canoe halau project will adhere to Best Management Practices (BMPs).

The following BMPs are to be implemented and will be noted on the construction drawings.

1. Install silt fence at locations shown on plan. Silt fence may be adjusted to fit contractor's operations after the contractor acquires acceptance of the officer-in charge.

A silt fence shall be installed during the construction phase to prevent silt erosion off site. Long-term permanent sand and soil erosion control measures such as grass and other landscaping if necessary will be used.

There will be no effect on coastal waters fronting Ala Moana Regional Park; thus no long-term mitigative measures are necessary.

4.1.6 NATURAL HAZARDS

Flood Hazard

The canoe halau site is located in both Zone A and Zone AE 5 feet. The proposed project is a new canoe halau with non-habitable spaces used by canoe club members during the day only. The existing outdoor canoe storage is located at an elevation of 5.0 feet above mean sea level (MSL). The average elevation at the site for the proposed halau is 5.5 feet. The difference in these elevations for the lowest point of actual canoe storage will be developed through a combination of fill height, foundation and slab elevation, and canoe storage rack elevation.

According to Oahu Civil Defense Agency, the subject property is also located in a Tsunami inundation zone. The proposed canoe halau will be designed to comply with the Uniform Building Code, Appendix Chapter 31-Special Construction, Division 1, Section 3108-Coastal High Hazard Zones-V Zones.

The proposed action will not exacerbate any hazard conditions. Planning and design for the project will comply with flood fringe district and other structural standards to mitigate any potential damages.

Hurricane Hazard

The potential impact of destructive winds and torrential rainfall of tropical storms and hurricanes on the proposed canoe halau will be mitigated by compliance with Section 3.1.7 of the Uniform Building Code adopted by the City and County of Honolulu.

Seismic Activity

According to the 1997 Uniform Building Code Oahu is a designated Seismic Zone 2A, a low level of earthquake movement (Zone 1 being the lowest). The proposed canoe halau will be designed to comply with the Uniform Building Code, Chapter 16, Division IV-Earthquake Design. No mitigative measures are necessary.

4.1.7 NOISE

Construction will comply with the State Department of Health's *Administrative Rules, Chapter 11-46.* Once the construction is completed, it is anticipated that the canoe halau will have no adverse impact upon existing noise characteristics; thus, no-long-term mitigative measures are necessary.

4.2 BIOLOGICAL ENVIRONMENT

The site of the proposed structure deals with a relatively small area already used for outdoor canoe storage within an existing park use. As the local community has utilized the area historically, there will be minimal additional impact that would involve a substantial degradation of environmental quality.

4.2.1 FLORA

No endangered plants are located within the park. However, the construction of the canoe halau will require the removal of three older coconut palms, two hala and one kamani tree. One midsized monkeypod tree will be relocated. New trees in appropriate locations to replace these may be planted to mitigate loss of these trees. The area around the canoe halau will be re-planted with grass. There are no other botanical reasons to impose restrictions on the proposed canoe halau.

4.2.2 FAUNA

No endangered animal species are located within the park. Construction is not expected to have an adverse impact on birds and other small mammals. Outdoor lighting at the park will not have a negative impact on seabirds and other wildlife. Floodlights will not be utilized. Lighting fixtures will be selected to avoid the problem of light attraction. No mitigation measures are necessary.

4.2.3 MARINE WILDLIFE

No significant lighting will be added to the side of the canoe halau facing the ocean. Strong light can sometimes attract green sea turtles to shore.

The nature and location of the proposed project ensures that marine wildlife will not be affected.

4.3 SOCIO-ECONOMIC ENVIRONMENT

4.3.1 POPULATION

As local beach goers have utilized the area historically, there will be minimal additional impact that would curtail the range of beneficial uses of the environment. The project continues a present shoreline recreational use and access by the general public. In looking to a current planning cycle of 50 years, the intent of this facility is to foster good shoreline management.

The proposed project does not involve substantial secondary impacts, such as population changes or effects on public facilities. There will be minimal additional impact and no mitigation measures are needed.

4.3.2 SURROUNDING LAND USES

Residents in the neighborhood could possibly be adversely affected by a more frequent and intensive use of the park. Noise and outdoor lighting are other possible problems. This can be mitigated by the design of fixtures and hours of operation and access to the facility.

4.3.3 VISUAL AND SCENIC RESOURCES

The proposed project will minimally increase the impact of scenic views of the ocean compared to the existing condition. Ocean views from Ala Moana Boulevard remain around and to each side of the proposed structure. The visual character of the existing park will remain unchanged except for the addition of the new canoe halau. The proposed new canoe halau will increase the attractiveness of the park by providing storage of canoes and related equipment out of sight and in an organized manner.

4.3.4 RECREATIONAL RESOURCES

The canoe halau will not add new recreational uses to Ala Moana Regional Park; however, the project will provide the public with a much-needed canoe storage facility.

4.3.5 ARCHEOLOGICAL, HISTORIC AND CULTURAL RESOURCES

According to Pacific Legacy, Inc. "No evidence suggesting the possibility of cultural or historic features were discovered." A visual inspection was made and photographs taken to document the current condition of the project area. However, "no previous archeological surveys have been carried out on the subject parcel." "A search for Land Commission Awards for this area shows no Land Commission Awards in/or around the vicinity of the proposed project location. The nearest archaeological studies conducted took place across Ala Moana Boulevard in the Ward Village and Hawai'i Convention Center. These studies showed the area of Kewalo at one time, was used by Hawaiians for fishpond farming, salt making and wet-land agriculture. The archaeological data recovery conducted on the Convention Center showed that what was originally believed to be sediment from an early fishpond was in fact sand fill; therefore no historic features were found at this locale."

4.3.6 CULTURAL RESOURCES

No formal cultural impact study was conducted however several field investigations were conducted both during weekdays and weekends. No on-going cultural or religious practices were identified at these times. In addition, according to conversations and a letter from Pua Aiu of the Office of Hawaiian Affairs stating that "OHA is not aware of any Native Hawaiian Cultural Practices, such as gatherings or religious ceremonies that take place on a regular basis at Ala Moana Beach Park." The new canoe halau would not alter the fundamental use patterns of Ala Moana regional Park. No mitigative measures are necessary.

4.4 TRAFFIC AND CIRCULATION IMPACTS

There is no anticipated major increase in traffic due to this project. During construction, trucks and other heavy vehicles will temporarily increase traffic. The most congested conditions will continue to occur during the weekends and holidays when construction work is not anticipated. No overall negative effect on traffic is anticipated.

4.4.1 PARKING IMPACTS

The current parking lot will remain the same size; accommodating 33 standard and 2 ADA parking spaces. No additional parking spaces will be required because of this project. In order for the construction workers to use the parking, the contractor will have to obtain a right-of-entry and permit from DPR. Since the use of parking spaces (if permitted by DPR) will be a temporary thing the impact will be minor. The location of the proposed halau is currently used to store and launch canoes, and use by additional canoe clubs are not anticipated. The canoe halau is intended to provide secure storage of canoes and related equipment and the usage by the current members is not expected to increase requiring more parking facilities.

4.5 PUBLIC UTILITIES AND SERVICES

4.5.1 PUBLIC UTILITIES

Water System

Any new water lines for the hose bib, sprinklers, and fire hydrant will tap off the existing system. The water demand is dependent on the amount of users and the amount of users is not anticipated to increase substantially and therefore the impact on the existing water system will be insignificant. No increase to the size of the existing water meter is anticipated.

Storm Water Drainage

Minor adverse drainage impacts to the beach park are expected. Drainage from the new roof and paving can be handled by existing means (percolation).

Electrical Service

Hawaiian Electric provides electrical service at the site. There are existing street lights along both sides of Ala Moana Park Drive, as well as in the parking lot. The new canoe halau will have indoor lighting for functional use and outdoor security lighting on the building. The additional electrical fixtures represent an increased demand in electrical consumption but this can be accommodated without any modifications to the areas power distribution system.

4.5.2 PUBLIC SERVICES

The demand for police, fire or emergency medical personnel is not likely to increase with the new facilities. Park improvements are likely to enhance security and safety features in the park. Added lighting will create a safer illuminated canoe facility and help deter criminal activities after dark.

5. CONFORMANCE WITH LAND USE POLICIES, PLANS AND REGULATIONS

5.1 STATE GOVERNMENT

Guidelines for land development within the State of Hawaii are provided in several State policies, plans, regulations and controls.

5.1.1 HAWAII STATE PLANNING ACT

The Hawaii State Planning Act of 1996 (Chapter 226, HRS) serves as the umbrella document in the State of Hawaii planning system. It is a written guide for the future long-range development of the state, describing a desired future for the residents of Hawaii and providing an overall theme, goals, objectives, and policies that are intended to shape the general direction of public and private development.

Among the policies included in the Hawaii State Planning Act are several related to shoreline and marine resources, scenic and natural beauty, and leisure and recreation. The Ala Moana Regional Park is consistent with the State's efforts to promote and preserve shoreline and marine resources, preserve scenic and natural resources and promote leisure activities. The park master plan provides a blueprint for improvements to the park, thereby ensuring that the new canoe halau facility is sited appropriately. The park master plan is intended to maintain and further the use of Ala Moana Regional Park, and in doing so supports the following State objectives and policies:

SEC. 226-11 Objectives and policies for the physical environment – land-based, shoreline, and marine resources.

SEC. 226-12 Objectives and policies for physical environment – scenic, natural beauty, and historic resources.

SEC. 226-23 Objectives and policies for socio-cultural advancement – leisure.

5.1.2 CLASSIFICATION OF LAND USE

The State Land Use Commission, pursuant to Chapter 205 and 205A, HRS and Chapter 15-15, Hawaii Administrative Rules, classify all lands in the State into one of four land use districts: urban, rural, agricultural, and conservation. The Ala Moana Regional Park falls within the "Urban" classification.

5.2 CITY AND COUNTY OF HONOLULU

5.2.1 OAHU GENERAL PLAN

The City and County of Honolulu General Plan specifies long-range objectives and policies to guide future growth on the island. The General Plan contains social, environmental, economic, and design objectives and associated policies intended to enhance the welfare and prosperity of Oahu residents.

One element of the Oahu general plan relates to culture and recreation. As the park master plan is implemented, the popular and well-used park will become even more responsive to the needs of local residents. The proposed action is consistent with various objectives and policies in the Oahu general Plan, one objective and its applicable policies are:

X. Culture and Recreation:

Objective D: To provide a wide range of recreational facilities and services that are readily available to all residents of Oahu.

Policy 2: Develop and maintain a system of regional parks and specialized recreation facilities.

Policy 8: Encourage ocean and water-oriented recreation activities that do not adversely impact on the natural environment.

Policy 12: Provide for safe and secure use of public parks, beaches, and recreation facilities.

5.2.2 PRIMARY URBAN CENTER SUSTAINABLE COMMUNITIES PLAN

The Honolulu City Charter mandates the preparation of community–oriented plans for the eight regions on Oahu. The project site is located in the Primary Urban Center (PUC), an urban area that stretches from the core of historic downtown Honolulu to Pearl City in the west and Waialae-Kahala in the east. The undulating shorelines of east Mamala Bay and Pearl Harbor define the PUC's southern edge. (See Figure 9) Charter amendment in 1992 redefined the plans as "conceptual schemes" with a purpose to describe the "desired urban character and the significant natural, scenic and cultural" environment of each region and to provide "coordination of major development activities." The City began a program to review and revise the plans, based on this new amendment. The revised Primary Urban Center Sustainable Communities Plan (SCP) went into effect in August 2000. A proposed Primary Urban Center (PUC) Development Plan (DP) is currently in the process of getting adopted and will then replace Primary Urban Center Sustainable Communities Plan.

According to Primary Urban Center Sustainable Communities Plan, "Between 2000 and 2025, a 22% increase in jobs and 25% increase in housing units is anticipated." "The value created in the PUC nourished the entire state." The vision for the future of the PUC reflects the size and importance of Honolulu and states:

- Honolulu's natural, cultural and scenic resources are protected and enhanced.
- Livable neighborhoods have business districts, parks and plazas, and walkable streets.
- The PUC offers in- town housing choices for people of all ages and incomes.
- Honolulu is the Pacific's leading city and travel destination.
- A balanced transportation system provides excellent mobility for residents and visitors.

Section 2.4 - Enhance Existing Recreational Areas of the plan discusses the importance of preserving existing beach parks along this coastline and that they should be "recognized as important open space and recreation assets" of this region. Furthermore the plan states that "existing parks and recreation areas should be maintained and enhanced", and "existing beach access should be maintained".

Per the proposed Primary Urban Center (PUC) Development Plan (DP):

Section 3.1.2 Policies – Establish and maintain an integrated open space network throughout the Primary Urban Center comprised of the following elements:

- *Provide parks and active recreation areas.* Develop and maintain parks and other outdoor public spaces in a manner that expands opportunities for both active and passive recreation. Increase and enhance recreational open space in the most densely-settled part of the PUC.

Section 3.1.3.6 Parks and Recreational Open Spaces

- Recognizing that it is difficult to acquire additional park land in the PUC, develop innovative approaches to make optimum use of the existing parks and recreation resources, such as:
  - Building partnerships between City, State and private, non-profit organizations for joint use of facilities and complimentary recreation programs.
  - Reassessing and reassigning, as appropriate, the use of existing park land.

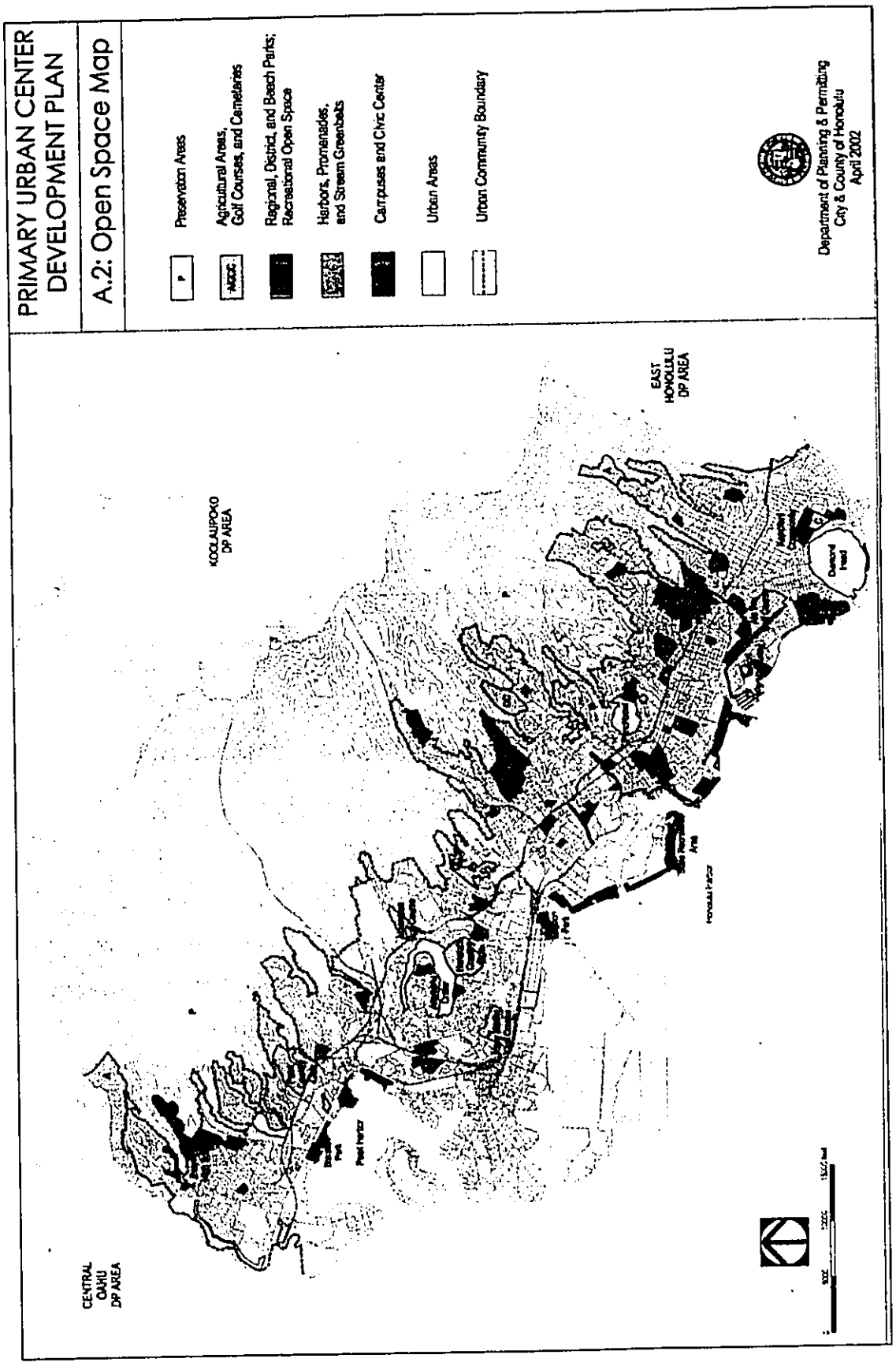


Figure 9
Open Space Map

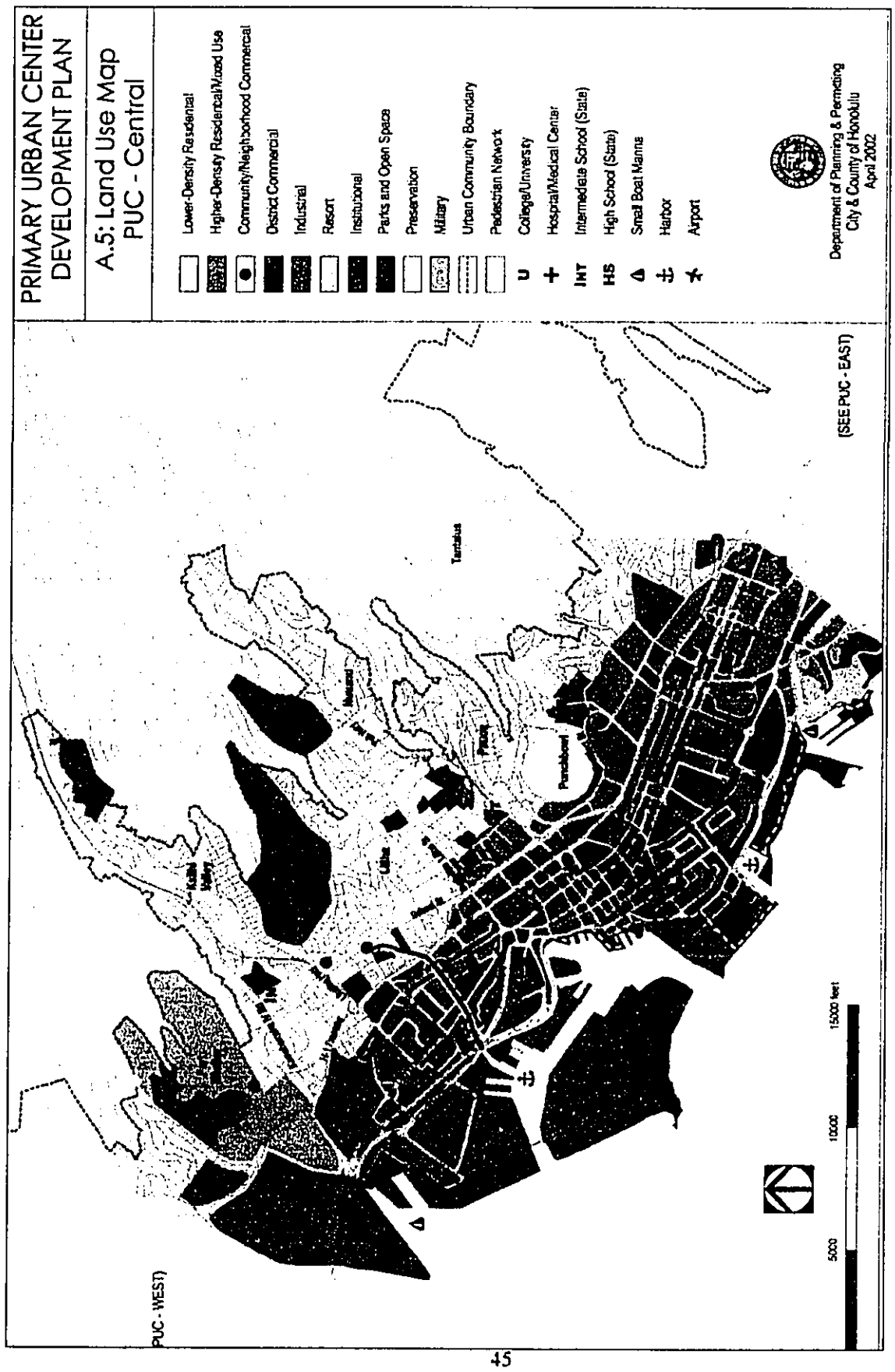


Figure 10
Land Use Map

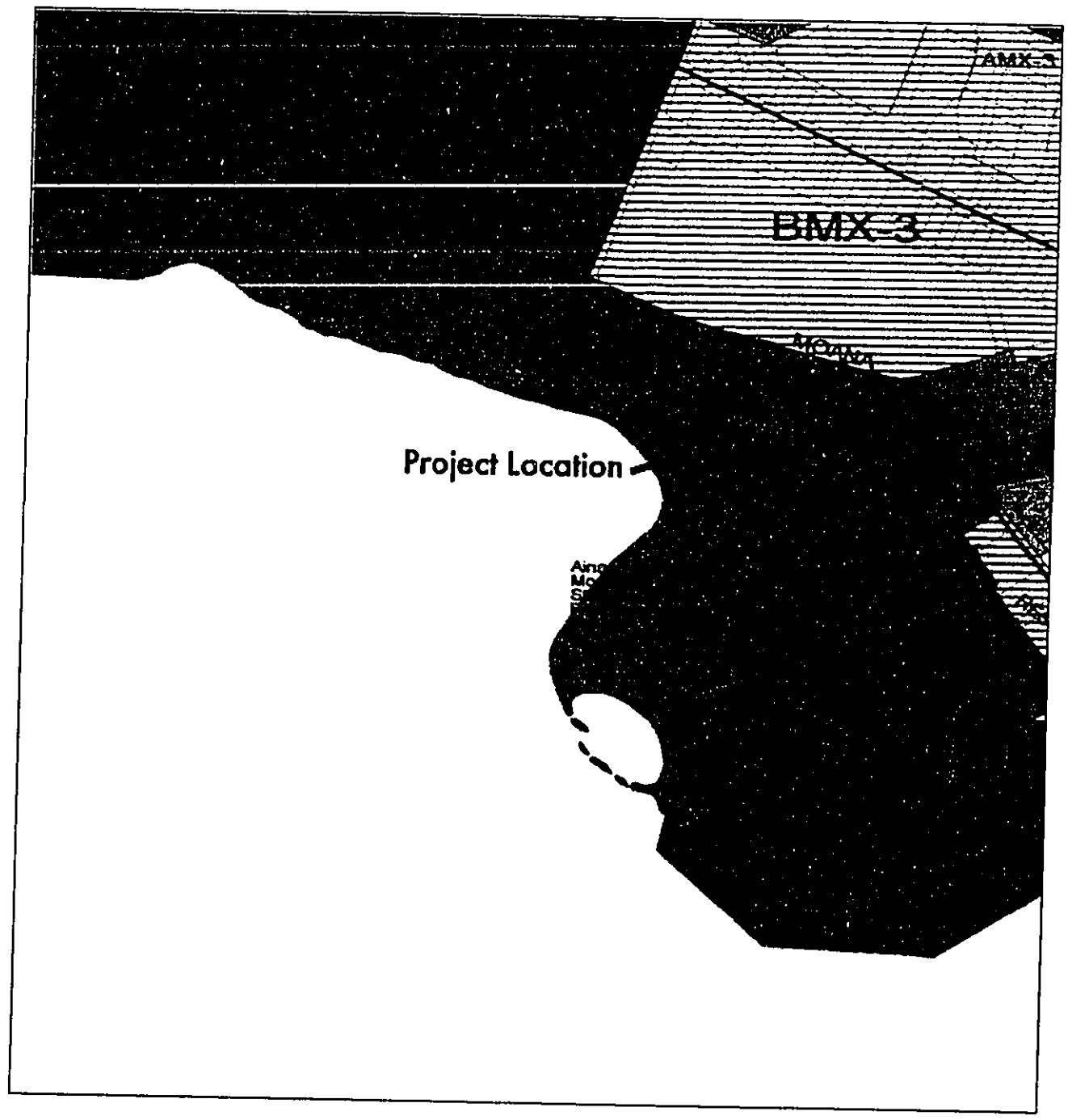
5.2.3 COUNTY ZONING

The project site is located in zoning district P-2 General Preservation (see Figure 11). Because the park is a "public use," it is allowed in any zoning district. The Land Use Ordinance defines (LUO No. 99-12 May 10, 1999) "public uses and structures" as "uses conducted by or structures owned or managed by the federal government, the State of Hawaii, or the city to fulfill a government function, activity, or service for public benefit and in accordance with public policy" (pp 10-24 and 10-25). The underlying zoning will not affect proposed regional park improvements.

5.2.4 SPECIAL MANAGEMENT AREA

Coastal Zone Management objectives and policies (Section 205A-2, HRS) and the Special Management Area (SMA) guidelines (Section 25-3.2 ROH) have been developed to preserve, protect, and where possible, to restore the natural resources of the coastal zone of Hawaii. As shown in Figure 12, Ala Moana Regional Park is located within the Special Management Area and a Special Management Area Use Permit-Major (construction cost exceeding $125,000.00) is required.

The proposed project is also located in an area inundated by 1% annual chance flooding (Zone A) as established on the flood insurance rate maps. According to Section 21-9.10-6 of the LUO, "Within the flood fringe district, the uses permitted in the underlying zoning district shall be permitted, providing such uses, improvements, structures and utilities are in compliance with the provisions of Sections 21-9,10 through 21-9.10-14." The structure will be designed and constructed to comply with the Land Use Ordinance (LUO) Section 21-9.10-4 – Development standards within flood hazards.



Scale: 1" = 1000'

FIGURE 11
ZONING MAP

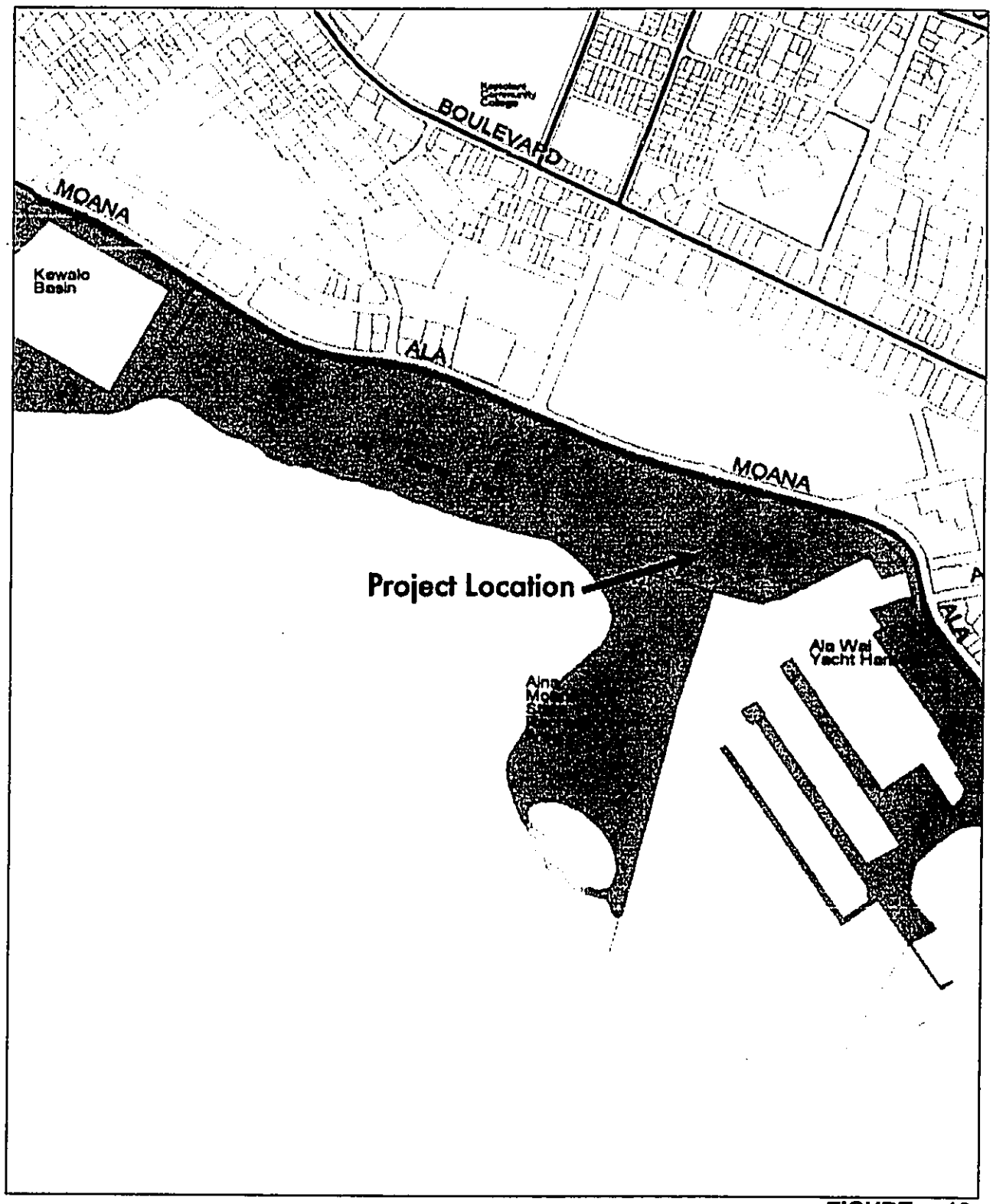


FIGURE 12
SMA MAP

Scale: 1" = 1000'

6. POSSIBLE ALTERNATIVES

6.1 NO ACTION

If no action is taken, i.e. the canoe halau is not implemented; the canoe clubs of Ala Moana Regional Park will remain without a secured storage facility for their canoes and related equipment. Necessary new facilities that would maintain or further enhance recreational opportunities will not be available. Canoe club members and residents of Kaka'ako and the surrounding community would be affected most directly since they would not be able to enjoy the benefits of a secured storage facility for the canoes and related equipment at the park and the improvements envisioned in the canoe halau plans. The "no action" alternative on the other hand, would yield "cost savings" and enable the City to not expend the budgeted funds.

6.2 DELAYED ACTION

If construction of the Ala Moana Regional Park Canoe Halau plan is deferred or delayed or if the project is delayed for any other reason, canoe club members will continue to rely on existing facilities until the plan is initiated. Delaying improvements of the park will not significantly alter the environmental consequences of the project. However, new funding will have to be obtained and project costs will increase because of inflation and changes in economic and labor supply conditions.

6.3 ALTERNATIVE DESIGN

The Ala Moana Regional Park Canoe Halau plan is derived from five alternative designs, the merits of which were deliberated by members of the design team and technical consultants and include:

Design Alternative 1

This alternative included placement of two square canoe halau structures parallel on the site with a taller storage facility accentuated as an architectural element. This plan would require the removal of several existing trees that are deemed exceptional. This plan would have resulted in the most amount of change to the site. (See Master Site Plan Design Alternative 1 in Appendix C)

Design Alternative 2

This alternative featured three separate smaller rectangular halau structures, each holding 18-24 canoes, to be sited between the existing trees. This plan was disregarded because it was the client's desire to have a square structure with capacity up to 30 canoes. This plan would have been the most expensive alternative.

Design Alternative 3

This alternative locates the two square canoe halau structures on either side of a large banyan tree, and removes a damaged tree to accommodate the phase one structure. This plan would require the removal of one banyan tree that is deemed exceptional. (See Master Plan Design Alternative 3 in Appendix C)

Design Alternative 4

Waikiki side of parking lot: It is not possible to site the canoe halaus in the area on the Waikiki side of the parking lot. This area contains many coconut trees and does not have enough space for the two halaus and include the staging area necessary to rig the canoes with their outriggers. It should be noted that several to many canoes are rigged at the same time requiring a large area outside of the halau since the outriggers are removed from the canoes when stored in the halau. This site is located farthest from the existing launching ramp requiring the rigged canoes to be carried approximately 300 feet along the park road.

Design Alternative 5

This alternative was added after considering the responses to the Draft EA. The canoe halau program for this park will be changed to include one halau structure instead of two structures. This structure will be located to the rear of the Ewa side of the existing outdoor canoe storage area, near to the existing outdoor shower and the drainage lagoon. This location requires the removal of three mature coconut palms, two hala, and a kamani tree and the relocation of a monkeypod tree. This tree will be planted in the area on the Diamond Head side of the adjacent parking lot and as an added benefit will provide a shaded picnic area for this site.

This alternative will be selected for this project to avoid the removal of a banyan tree that is deemed to be exceptional. This site is also the nearest to the existing launching ramp and the existing outdoor shower.

7. ANTICIPATED DETERMINATION

Given the findings of this environmental assessment, the proposed Ala Moana Regional Park Canoe Halau project is not expected to result in significant environmental, economic, social or cultural impacts. Therefore, a finding of no significant impact is anticipated pursuant to the provisions of Subchapter 6 of Chapter 200, Title 11, Hawaii Administrative rules of the Department of Health.

8. FINDINGS AND REASONS SUPPORTING THE ANTICIPATED DETERMINATION

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

1. Involves an irrevocable commitment to loss or destruction of any natural or cultural resources;

The proposed project will minimally increase the impact of scenic views of the ocean as the new canoe halau will be located at an existing grassy area surrounded by large trees. The proposed canoe halau is planned to be a structure 61' wide by 61' long and 19' high to minimize its visual impact. Existing ocean views remain around and to each side of the proposed structure. The visual character of the existing park will remain unchanged except for the canoe halau structure and minor additional low landscaping next to the canoe halau.

The structure will have minimal, if any impact on existing drainage systems and site runoff. No significant archaeological or historic sites are known to exist on the site. However, should archeological remnants be unearthened, the State Historic Preservation Office will be notified to assess impacts and implement mitigative measures deemed necessary.

2. Curtails the range of beneficial uses of the environment;

The proposed improvements do not curtail the range of beneficial uses of the environment. The area is dedicated to recreational use, and this use will be enhanced with improved facilities. There will be no significant loss of open space with the new facility. The park will retain an overall feeling of openness.

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 decision, or executive orders;

The proposed development is consistent with the Environmental Policies established in Chapter 344, HRS and the National Environmental Policy Act.

Per the State Environmental Policy (Chapter 344, HRS) "Parks, Recreation, and Open Space" section the following guidelines apply to the proposed action:

a) Establish, preserve, and maintain scenic, historical, cultural, park and recreation areas, including the shorelines, for public recreational, educational, and scientific uses;

4. Substantially affects the economic or social welfare of the community or state;

As this area has historically been used as a beach park, there will be minimal additional impact on the economic or social welfare of the community or State. The project continues a present shoreline recreational use and access by the general public. In looking to a current planning cycle of 50 years, the intent of this facility is to foster good shoreline management to and for the Kaka'ako public.

5. Substantially affects public health

The project should not affect public health.

6. Involves substantial secondary impacts, such as population changes or effects on public facilities

The proposed project does not involve substantial secondary impacts, such as population changes or effects on public facilities other than provide a secured canoe halau for the local paddling community.

7. Involves a substantial degradation of environmental quality;

The site of the proposed structure is not environmentally pristine and does not have any biological resources of significance. As park goers have historically utilized the area, there will be minimal additional impact that would involve a substantial degradation of environmental quality.

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

As local park goers have historically utilized the area, there will be minimal, if any, cumulative additional impact on the environment. The project continues and enhances a present shoreline recreational use and access by the general public and will not result in larger actions. In looking

to a current planning cycle of 50 years, the intent of this facility is to foster good shoreline management.

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

No rare, threatened or endangered plant or animal species are located within the park.

10. Detrimentally affects air or water quality or ambient noise levels;

Ambient noise levels could increase during construction of the canoe halau, however, water quality and ambient noise level impacts are not expected to be detrimental to human health. No long term detrimental effects are anticipated.

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

According to the Federal Emergency Management Agency (FEMA), the project is located in a flood zone. Flood insurance rate maps designate the parcel as Zone A and AE base flood 4' and 5'. According to Oahu Civil Defense Agency, the subject property is also located in a tsunami inundation zone.

The proposed action will not exacerbate any hazardous conditions. Planning and design for the project will comply with flood district and other structural standards to mitigate any potential damages.

The potential impact of destructive winds and torrential rainfall of tropical storms and hurricanes on the proposed canoe halau will be mitigated by compliance with the Uniform Building Code adopted by the City and County if Honolulu.

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

The proposed project will minimally impact scenic views of the ocean since the canoe halau will be located in an existing grassy area, among trees. Existing ocean views remain around and to each side of the proposed structures. No additional view obstructing landscaping will be installed.

13. Requires substantial energy consumption.

The proposed structure requires no substantial energy consumption and is naturally ventilated. Energy in the form of gasoline and diesel fuel and electricity will be used during construction.

9. BIBLIOGRAPHY

City and County of Honolulu, Board of Water Supply. October 15, 2003. *Premise information report.*

City and County of Honolulu, Department of Planning and Permitting. September 2002. *Primary Urban Center Sustainable Communities Plan.*

City and County of Honolulu, Department of Planning and Permitting. May 1999. *Land Use Ordinance No. 99-12.*

City and County of Honolulu, Police Department. 2001. *Annual Report*

Hawaii State Department of Transportation, Highway Planning Branch. Various traffic count data for Station No. 601 for 1990 through 1998.

Pacific Legacy, Inc. *Archaeological Assessment for Ala Moana Beach Park, Makiki, Honolulu, Oahu.* October 2003

U.S. Department of Commerce, Census Bureau. Various demographic characteristics and tables for 1990 and 2000, as posted online at www.census.gov.

Weidig Geoanalysts, Geotechnical Report, Ala Moana Beach Park Canoe Halau. October 29, 2003

10. AGENCIES, ORGANIZATIONS AND INDIVIDUALS CONSULTED DURING DESIGN AND IN PREPARING THE FINAL ENVIRONMENTAL ASSESSMENT

10.1 AGENCIES, ORGANIZATIONS AND INDIVIDUALS CONSULTED IN PREPARING THE FINAL ENVIRONMENTAL ASSESSMENT

The following are agencies informally (verbally) or formally (by letter, included in appendix) consulted in preparing for the Ala Moana Regional Park Canoe Halau Final Environmental Assessment:

A. Federal

- National Marine Fisheries Service
  Margaret Akamine

B. State of Hawaii

- Department of Agriculture
  Earl Yamamoto
- Department of Health, Clean Water Branch
- Department of Land and Natural Resources
- Department of Transportation, Highway Planning Branch
- Office of Hawaiian Affairs
  Pua Aiu

C. City and County of Honolulu

- Board of Water Supply
  Grant Odo
- City Council
- Fire Department
  Capt. Melvin Tang, Capt. Kenison L. Tejada
- Department of Parks and Recreation
  William D. Balfour, JR., Director

- Department of Planning and Permitting
  Eileen Mark

- Police Department, Alapai Substation

D. Others

- Arborist Advisory Committee (Exceptional Tree)

- Pacific Legacy
  Dr. Paul Cleghorn

- Weidig Geoanalysts
  Paul Weidig

10.2 AGENCIES, ORGANIZATIONS AND INDIVIDUALS CONSULTED IN PREPARING THE FINAL ENVIRONMENTAL ASSESSMENT

The availability of the Draft EA was published in the April 23, 2004 Environmental Notice with a public comment deadline of May 24, 2004. The agencies and organizations listed below were contacted during the 30-day comment period. Their major written comments are summarized. A copy of the DEA was also placed at the McCully Public Library, Waikiki-Kapahulu Public Library and the Municipal Reference and Records Center for public review.

Agency/ Organization	Letter Date	Major Comments
Federal Agencies		
United State Department of Commerce, National Oceanic and Atmospheric Administration	--	
National Park Service	--	
U.S. Coast Guard	--	
State Agencies		
Department of Health	05/28/04	
Department of Natural Resources		
Boating and Oceanic Recreation Division	--	
Land Division	05/19/04	Confirmed Flood Zones A and AE
State Historic Preservation Division	06/10/04	
Department of Transportation	05/11/04	
Office of Environmental Quality Control	04/23/04	Include analysis of cultural impacts assessment and soils map legend.
Office of Hawaiian Affairs	05/21/04	
City and County of Honolulu		
Board of Water Supply	05/24/04	Existing water system is adequate.
City Council District #6	--	
Department of Design and Construction	--	
Department of Parks and Recreation	05/12/04	
Department of Planning and Permitting	05/20/04	Flood determination study required. Parking questions.
Neighborhood Board #11	--	
Vision Team #3	--	
Neighbors and Private and Community Organizations		
Arborist Advisory Committee	--	
The Outdoor Circle	05/24/04	Exceptional tree
Mary M. Flynn	05/10/04	
Toby M. Kravet	05/25/04	
Lorie Young	05/20/04	

10.3 COMMENTS AND RESPONSES TO THE DEA

The following section includes the comment letters received during the Draft EA 30-day comment period and the corresponding response letters.

LINDA LINGLE
GOVERNOR OF HAWAII

STATE OF HAWAII
DEPARTMENT OF HEALTH
P.O. Box 3378
HONOLULU, HAWAII 96801-3378

CHIYOME L. FUKINO, M.D.
DIRECTOR OF HEALTH

In reply, please refer to:
EPO-04-098

Received
JUN 2 2004
AKTA Ltd./

May 28, 2004

Mr. Kimbal Thompson
AKTA Ltd.
45-1144 Kamehameha Highway, Suite 404
Kaneohe, Hawaii 96744

Dear Mr. Thompson:

SUBJECT: Draft Environmental Assessment – Ala Moana Regional Park Construction
Of New Canoe Halau.
TMK 2-3-037

Thank you for allowing us to review and comment on the subject document. We have the following comments to offer:

Clean Water Branch Standard Comments Dated 3/2/04

1. The Army Corps of Engineers should be contacted at (808) 438-9258 to identify whether a Federal license or permit (including a Department of Army permit) is required for this project. Pursuant to Section 401(a)(1) of the Federal Water Pollution Act (commonly known as the "Clean Water Act"), a Section 401 Water Quality Certification is required for "[a]ny applicant for Federal license or permit to conduct any activity including, but not limited to, the construction or operation of facilities, which may result in any discharge into the navigable waters...."

2. A National Pollutant Discharge Elimination System (NPDES) general permit coverage is required for the following activities:

   a. Storm water associated with industrial activities, as defined in Title 40, Code of Federal Regulations, Sections 122.26(b)(14)(i) through 122.26(b)(14)(ix) and 122.26(b)(14)(xi).

   b. Construction activities, including clearing, grading, and excavation, that result in the disturbance of equal to or greater than one (1) acre of total land area. The total land area includes a contiguous area where multiple separate and distinct construction activities may be taking place at different times on different schedules under a larger common plan of development or sale. **An NPDES permit is required before the commencement of the construction activities.**

   c. Discharges of treated effluent from leaking underground storage tank remedial activities.

   d. Discharges of once through cooling water less than one (1) million gallons per day.

   e. Discharges of hydrotesting water.

   f. Discharges of construction dewatering effluent.

   g. Discharges of treated effluent from petroleum bulk stations and terminals.

   h. Discharges of treated effluent from well drilling activities.

   i. Discharges of treated effluent from recycled water distribution systems.

   j. Discharges of storm water from a small municipal separate storm sewer system.

   k. Discharges of circulation water from decorative ponds or tanks.

   The CWB requires that a Notice of Intent (NOI) to be covered by a NPDES general permit for any of the above activities be submitted at least 30 days before the commencement of the respective activities. The NOI forms may be picked up at our office or downloaded from our website at http://www.state.hi.us/health/eh/cwb/forms/genl-index.html.

3. The applicant may be required to apply for an individual NPDES permit if there is any type of activity in which wastewater is discharged from the project into State waters and/or coverage of the discharge(s) under the NPDES general permit(s) is not permissible (i.e. NPDES general permits do not cover discharges into Class 1 or Class AA receiving waters). An application for the NPDES permit is to be submitted at least 180 days before the commencement of the respective activities. The NPDES application forms may also be picked up at our office or downloaded from our website at http://www.state.hi.us/health/eh/cwb/forms/indiv-index.html.

4. Hawaii Administrative Rules, Section 11-55-38, also requires the owner to either submit a copy of the new NOI or NPDES permit application to the State Department of Land and Natural Resources, State Historic Preservation Division (SHPD), or demonstrate to the satisfaction of the DOH that the project, activity, or site covered by the NOI or application has been or is being reviewed by SHPD. Please submit a copy of the request for review by SHPD or SHPD's determination letter for the project.

If you have any questions, please contact the Clean Water Branch at 586-4309.

Sincerely,

JUNE F. HARRIGAN-LUM, MANAGER
Environmental Planning Office

c. CWB

AKTA Ltd./ARTHUR KIMBAL THOMPSON ARCHITECT, AIA

June 8, 2004

June F. Harrigan-Lum, Manager
State of Hawaii
Department of Health
P. O. Box 3378
Honolulu, HI 96801-3378

Dear Ms. Harrigan-Lum:

Subject: Draft Environmental Assessment (EA) for Ala Moana Regional Park construction of new Canoe Halau, Tax Map Key: 2-3-037:001, PUC District, Oahu, Hawaii

We have reviewed your letter dated May 28, 2004 regarding the Draft Environmental Assessment (DEA) for Ala Moana Regional Park Canoe Halau and have the following responses.

Clean Water Branch Standard Comments

1. The Army Corps of Engineers will be contacted to identify whether a Federal license or permit is required for this project.
2. A National Pollutant Discharge Elimination System (NPDES) general permit coverage will not be required for the proposed project since none of the activities described pertain and the area to be graded is less than one acre.
3. There will be no activity that will discharge wastewater into State waters.
4. A NOI or NPDES permit is not required for this project.

Thank you for participating in the environmental review process.

AKTA Ltd./Arthur Kimbal Thompson Architect

Camilla Blomqvist

cc: Dan Takamatsu,
Department of Design and Construction
City and County of Honolulu

AKTA Ltd./ARTHUR KIMBAL THOMPSON ARCHITECT, AIA
45-1144 KAMEHAMEHA HIGHWAY, SUITE 404
KANEOHE, HAWAII 96744
(808) 236-1373 FACSIMILE: (808) 234-6484
E-MAIL: kimbal@akta-ltd.com WEB: akta-ltd.com

DEPARTMENT OF THE ARMY
U S. ARMY ENGINEER DISTRICT, HONOLULU
FT. SHAFTER, HAWAII 96858-5440

REPLY TO ATTENTION OF
Regulatory Branch

June 8, 2004

Ms. Camilla Blomqvist
Program Manager
AKTA Ltd
45-1144 Kamehameha Highway, Suite 404
Kaneohe, Hawaii 96744

Dear Ms. Blomqvist:

This responds to a jurisdictional determination request for the proposed construction improvements associated with the Canoe Halau Project at Ala Moana Regional Park, Oahu Island, located at TMK 2-3-037: por. 001. Based on the information provided and our records, I have determined that the location of the 2 proposed halau are located on uplands which do not contain jurisdictional waters of the U.S. Ground disturbing activities in the upland project area and the installation of the associated structures are attested to avoid either excavation of sediments or discharge of dredged or fill material into adjacent, jurisdictional waters of the United States (i.e. Ala Moana Park Lagoon and tributary). Therefore, a DA permit will not be required for the proposed project. This determination does not obviate your client from complying with other federal, state, or county permits, certifications or requirements which may be required.

In the future, if your client proposes activities in or near jurisdictional waters (namely, Ala Moana Park Lagoon and tributary) which require excavation, dredging, or the placement of dredged or fill material, consultation should take place with Mr. Farley Watanabe of our Regulatory Branch at 438-7701 to determine if a DA permit may then be required. Please refer to File Number 200400350 if you need additional clarification or information.

Sincerely,

George P. Young, P.E.
Chief, Regulatory Branch

Copy furnished:

Mr. Denis R. Lau, Chief, Clean Water Branch, Environmental Management Division, State Department of Health, P.O. Box 3378, Honolulu, HI 96801-3386
Mr. John Nakagawa, Office of Planning, Coastal Zone Management Program, P.O. Box 2359, Honolulu, HI 96804

LINDA LINGLE
GOVERNOR OF HAWAII

STATE OF HAWAII
DEPARTMENT OF HEALTH
P.O. BOX 3378
HONOLULU, HAWAII 96801-3378

CHIYOME L. FUKINO, M.D.
DIRECTOR OF HEALTH

In reply, please refer to
EMD/CWB

06091CEC.04

June 17, 2004

RECEIVED
JUN 21 2004
AKTA Ltd./

Ms. Camilla Blomqvist
Program Manager
AKTA Ltd
45-1144 Kamehameha Highway, Suite 404
Kaneohe, Hawaii 96744

Dear Ms. Blomqvist:

Subject: Water Pollution Control and Permitting Requirements in the State of Hawaii
Canoe Halau Improvements Project at Ala Moana Regional Park
Island of Oahu, TMK: 2-3-037:001
Army File No. 200400350

Reference is made to a letter (dated June 8, 2004) from Mr. George P. Young, Chief of the Regulatory Branch of the Honolulu Engineer District (HED), U.S. Army Corps of Engineers (COE), to you regarding the subject Canoe Halau improvements project. Mr. Young has determined that a Department of the Army (DA) permit is not required because the location of the two (2) proposed halau are located on uplands which do not contain jurisdictional waters of the U.S. under DA's permitting program. In addition, ground disturbing activities in the upland project area and the installation of the associated structures are attested to avoid either excavation of sediments or discharge of dredged or fill material into adjacent, jurisdictional waters of U.S. (i.e. Ala Moana Park Lagoon and tributary).

This letter is to inform you that pursuant to Sections 301 and 402 of the Federal Clean Water Act; Title 40, Code of Federal Regulations, Section 122.26; Chapter 342D of the Hawaii Revised Statutes (HRS, titled Water Pollution); and Chapters 11-54 (titled Water Quality Standards) and 11-55 (titled Water Pollution Control) of the Hawaii Administrative Rules (HAR), a National Pollutant Discharge Elimination System (NPDES) general permit coverage is required for the construction activities, including clearing, grading, and excavation, that result in the disturbance of equal to or greater than one (1) acre of total land area. The total land area includes a contiguous area where multiple separate and distinct construction activities may be taking place at different times on different schedules under a larger common plan of development or sale. **An NPDES permit is required before the commencement of the construction activities.**

The Clean Water Branch (CWB) requires that a Notice of Intent (NOI) to be covered by a NPDES general permit for any of the above activities be submitted at least 30 days before the commencement of the respective activities.

For your information, NOI Form and guidelines for the Form, and HAR, Chapters 11-54 and 11-55, are available at CWB website:
http://www.hawaii.gov/health/environmental/water/cleanwater/index.html.

As a reminder, HRS, Subsection 342D-50(a), requires that, "No person, including any public body, shall discharge any water pollutants into state waters, or cause or allow any water pollutant to enter state waters except in compliance with this chapter, rules adopted pursuant to this chapter, or a permit or variance issued by the director."

Should you have any questions, please contact Mr. Edward Chen of the Engineering Section, CWB, at (808) 586-4309.

Sincerely,

DENIS R. LAU, P.E., CHIEF
Clean Water Branch

EC:np

c: Regulatory Branch, HED/COE

AKTA Ltd./ARTHUR KIMBAL THOMPSON ARCHITECT, AIA

June 24, 2004

Denis R. Lau, P.E., Chief
State of Hawaii
Department of Health
Clean Water Branch
P. O. Box 3378
Honolulu, HI 96801-3378

Dear Mr. Lau:

Subject: Ala Moana Regional Park construction of new Canoe Halau, Tax Map Key: 2-3-037:001, PUC District, Oahu, Hawaii

We have reviewed your letter dated June 17, 2004 regarding the Water Pollution Control and Permitting Requirements in the State of Hawaii for Ala Moana Regional Park Canoe Halau and have the following responses.

The proposed Ala Moana Regional Park Canoe Halau project construction activities, including clearing, grading, and excavation, will not result in the disturbance of equal to or greater than one (1) acre of total land.

Best Management Practices to prevent erosion and run-off during construction will be incorporated into the construction documents and is part of the Shoreline Management Area permit requirements.

A NPDES permit is not required before the commencement of the construction activities.

Thank you.

AKTA Ltd./Arthur Kimbal Thompson Architect

Camilla Blomqvist

cc: Dan Takamatsu,
Department of Design and Construction
City and County of Honolulu

AKTA Ltd./ARTHUR KIMBAL THOMPSON ARCHITECT, AIA
45-1144 KAMEHAMEHA HIGHWAY, SUITE 404
KANEOHE, HAWAII 96744
(808) 236-1373 FACSIMILE: (808) 234-6484
E-MAIL: kimbal@akta-ltd.com WEB: akta-ltd.com

LINDA LINGLE
GOVERNOR OF HAWAII

STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
LAND DIVISION
POST OFFICE BOX 621
HONOLULU, HAWAII 96809

PETER T. YOUNG
CHAIRPERSON
BOARD OF LAND AND NATURAL RESOURCES
COMMISSION ON WATER RESOURCE MANAGEMENT

DAN DAVIDSON
DEPUTY DIRECTOR - LAND

ERNEST Y.W. LAU
DEPUTY DIRECTOR - WATER

AQUATIC RESOURCES
BOATING AND OCEAN RECREATION
BUREAU OF CONVEYANCES
COMMISSION ON WATER RESOURCE MANAGEMENT
CONSERVATION AND COASTAL LANDS
CONSERVATION AND RESOURCES ENFORCEMENT
ENGINEERING
FORESTRY AND WILDLIFE
HISTORIC PRESERVATION
KAHOOLAWE ISLAND RESERVE COMMISSION
LAND
STATE PARKS

May 19, 2004

ALAWAICANOEHALAU.RCM

RECEIVED
MAY 21 2004
AKTA Ltd./

LD-NAV

AKTA Ltd./Arthur Kimbal Thompson
Architect, AIA
45-1144 Kamehameha Highway, Suite 404
Kaneohe, Hawaii 96744

Dear Mr. Thompson

SUBJECT: Draft Environmental Assessment (DEA) Ala Moana Regional Park Canoe Halau, Oahu, Hawaii

Thank you for the opportunity to review and comment on the subject matter.

A copy of the document pertaining to the proposed project was transmitted or made available to the following Department of Land and Natural Resources' Divisions for their review and comment.

- Division of Aquatic Resources
- Division of Forestry & Wildlife
- Division of State Parks
- Engineering Division
- Division of Boating and Ocean Recreation
- Commission on Water Resource Management
- Office of Conservation and Coastal Lands
- Land-Oahu District Land Office

Enclosed please find a copy of the Engineering Division comment and Division of Forestry and Wildlife response.

The Department of Land and Natural Resources has no other comment to offer on the subject matter.

Should you have any questions, please contact Nicholas A. Vaccaro of the Land Division Support Services Branch at 587-0384.

Very truly yours,

DIERDRE S. MAMIYA
Administrator

C: ODLO

LINDA LINGLE
GOVERNOR OF HAWAII

RECEIVED
LAND DIVISION
2004 MAY 17 P 2:49
DEPT. OF LAND AND NATURAL RESOURCES
STATE OF HAWAII

STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
LAND DIVISION
POST OFFICE BOX 621
HONOLULU, HAWAII 96809

PETER T. YOUNG
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KAHOOLAWE ISLAND RESERVE COMMISSION
LAND
STATE PARKS

May 5, 2004

LD/NAV
ALAWAICANOEHALAU.CMT

Suspense Date: 5/14/03
5/7

MEMORANDUM:

TO: XXX Division of Aquatic Resources
XXX Division of Forestry & Wildlife
XXX Engineering Division
XXX Division of State Parks
XXX Division of Boating and Ocean Recreation
XXX Conservation and Coastal Lands
XXX Land-Oahu District Land Office

FROM: Dierdre S. Mamiya, Administrator
Land Division

SUBJECT: Draft Environmental Assessment (DEA) Ala Moana Regional Park Canoe Halau,.Oahu, Hawaii

Please review the DEA pertaining to the subject matter and submit your comment (if any) on Division letterhead signed and dated by the suspense date.

Note: One copy of the DEA is available for your review in the Land Division Office, Room 220.

Should you need more time to review the subject matter, please contact Nick Vaccaro at ext.: 7-0384.

If this office does not receive your comments by the suspense date, we will assume there are no comments.

( ) We have no comments. (X) Comments attached.

Date: 5/12/04 Signed:

Division Engineering Name: ERIC T. HIRANO, CHIEF ENGINEER

DEPARTMENT OF LAND AND NATURAL RESOURCES
ENGINEERING DIVISION

LA/NAV

Ref.: ALANBICANOEHALAU.CMT

COMMENTS

XX We confirm that the project site, according to the Flood Insurance Rate Map (FIRM), is located in Flood Zone A and AE.

() Please take note that the project site, according to the Flood Insurance Rate Map (FIRM), is located in Zone ___.

() Please note that the correct Flood Zone Designation for the project site according to the Flood Insurance Rate Map (FIRM) is ___.

XX Please note that the project must comply with the rules and regulations of the National Flood Insurance Program (NFIP) presented in Title 44 of the Code of Federal Regulations (44CFR), whenever development within a Special Flood Hazard Area is undertaken. If there are any questions, please contact the State NFIP Coordinator, Ms. Carol Tyau-Beam, of the Department of Land and Natural Resources, Engineering Division at (808) 587-0267.

Please be advised that 44CFR indicates the minimum standards set forth by the NFIP. Your Community's local flood ordinance may prove to be more restrictive and thus take precedence over the minimum NFIP standards. If there are questions regarding the local flood ordinances, please contact the applicable County NFIP Coordinators below:

XX Mr. Robert Sumimoto at (808) 523-4254 or Mr. Mario Siu Li at (808) 523-4247 of the City and County of Honolulu, Department of Planning and Permitting.

() Mr. Kelly Gomes at (808) 961-8327 (Hilo) or Mr. Kiran Emler at (808) 327-3530 (Kona) of the County of Hawaii, Department of Public Works.

() Mr. Francis Cerizo at (808) 270-7771 of the County of Maui, Department of Planning.

() Mr. Mario Antonio at (808) 241-6620 of the County of Kauai, Department of Public Works.

() The applicant should include project water demands and infrastructure required to meet water demands. Please note that the implementation of any State-sponsored projects requiring water service from the Honolulu Board of Water Supply system must first obtain water allocation credits from the Engineering Division before it can receive a building permit and/or water meter.

() The applicant should provide the water demands and calculations to the Engineering Division so it can be included in the State Water Projects Plan Update.

() Additional Comments: _____

() Other: _____

Should you have any questions, please call Mr. Andrew Monden of the Planning Branch at 587-0229.

Signed: _____
ERIC T. HIRANO, CHIEF ENGINEER

Date: 5/17/04

AKTA Ltd./ARTHUR KIMBAL THOMPSON ARCHITECT, AIA

June 8, 2004

Ms. Dierdre S. Mamiya, Administrator
State of Hawaii
Department of Land and Natural Resources
Land Division
Engineering Division
P.O. Box 621
Honolulu, Hawaii 96809

Dear Ms. Mamiya:

Subject: Draft Environmental Assessment (EA) for Ala Moana Regional Park construction of new Canoe Halau, Tax Map Key: 2-3-037:001, PUC District, Oahu, Hawaii

We have reviewed your letter dated May 19, 2004 regarding the Draft Environmental Assessment (DEA) for Ala Moana Regional Park Canoe Halau and have the following responses.

We acknowledge that the DLNR, Engineering Division confirms that the project site is located in Flood Zone A and AE. We note that the project must comply with the rules and regulations of the National Flood insurance Program presented in Title 44 of the Code of Federal Regulations.

Thank you for participating in the environmental review process.

AKTA Ltd./Arthur Kimbal Thompson Architect

Camilla Blomqvist

cc: Dan Takamatsu,
Department of Design and Construction
City and County of Honolulu

AKTA Ltd./ARTHUR KIMBAL THOMPSON ARCHITECT, AIA
45-1144 KAMEHAMEHA HIGHWAY, SUITE 404
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E-MAIL: kimbal@akta-ltd.com WEB: akta-ltd.com

LINDA LINGLE
GOVERNOR OF HAWAII

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LAND DIVISION

2004 MAY 11 P 4:01

DEPT. OF LAND & NATURAL RESOURCES
STATE OF HAWAII

STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
LAND DIVISION
POST OFFICE BOX 621
HONOLULU, HAWAII 96809

PETER T. YOUNG
CHAIRPERSON
BOARD OF LAND AND NATURAL RESOURCES
COMMISSION ON WATER RESOURCE MANAGEMENT

DAN DAVIDSON
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DEPUTY DIRECTOR - WATER

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HISTORIC PRESERVATION
KAHOOLAWE ISLAND RESERVE COMMISSION
LAND
STATE PARKS

May 5, 2004

LD/NAV
ALAWAICANOEHALAU.CMT

Suspense Date: 5/14/03

MEMORANDUM:

TO: XXX Division of Aquatic Resources
XXX Division of Forestry & Wildlife
XXX Engineering Division
XXX Division of State Parks
XXX Division of Boating and Ocean Recreation
XXX Conservation and Coastal Lands
XXX Land-Oahu District Land Office

FROM: Dierdre S. Mamiya, Administrator
Land Division

SUBJECT: Draft Environmental Assessment (DEA) Ala Moana Regional Park Canoe Halau, Oahu, Hawaii

Please review the DEA pertaining to the subject matter and submit your comment (if any) on Division letterhead signed and dated by the suspense date.

Note: One copy of the DEA is available for your review in the Land Division Office, Room 220.

Should you need more time to review the subject matter, please contact Nick Vaccaro at ext.: 7-0384.

If this office does not receive your comments by the suspense date, we will assume there are no comments.

(X) We have no comments.

Date: MAY - 6 2004

( ) Comments attached.

Signed: Paul J. Conry

Division _____

Name: MICHAEL G. BUCK, ADMINISTRATOR
DIVISION OF FORESTRY AND WILDLIFE

AKTA Ltd./ARTHUR KIMBAL THOMPSON ARCHITECT, AIA

June 8, 2004

Ms. Dierdre S. Mamiya, Administrator
State of Hawaii
Department of Land and Natural Resources
Land Division
Division of Forestry and Wildlife
P.O. Box 621
Honolulu, Hawaii 96809

Dear Ms. Mamiya:

Subject: Draft Environmental Assessment (EA) for Ala Moana Regional Park construction of new Canoe Halau, Tax Map Key: 2-3-037:001, PUC District, Oahu, Hawaii

Thank you for reviewing the Draft Environmental Assessment for Ala Moana Regional Park Canoe Halau and for your response of May 19, 2004.

We acknowledge that your division does not have any comments.

Thank you for participating in the environmental review process.

AKTA Ltd./Arthur Kimbal Thompson Architect

Camilla Blomqvist

cc: Dan Takamatsu,
Department of Design and Construction
City and County of Honolulu

AKTA Ltd./ARTHUR KIMBAL THOMPSON ARCHITECT, AIA
45-1144 KAMEHAMEHA HIGHWAY, SUITE 404
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LINDA LINGLE
GOVERNOR OF HAWAII

STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES

HISTORIC PRESERVATION DIVISION
KAKUHIHEWA BUILDING, ROOM 555
601 KAMOKILA BOULEVARD
KAPOLEI, HAWAII 96707

PETER T. YOUNG
CHAIRPERSON
BOARD OF LAND AND NATURAL RESOURCES
COMMISSION ON WATER RESOURCE MANAGEMENT

DAN DAVIDSON
DEPUTY DIRECTOR - LAND

YVONNE Y. IZU
DEPUTY DIRECTOR - WATER

AQUATIC RESOURCES
BOATING AND OCEAN RECREATION
BUREAU OF CONVEYANCES
COMMISSION ON WATER RESOURCE MANAGEMENT
CONSERVATION AND COASTAL LANDS
CONSERVATION AND RESOURCES ENFORCEMENT
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LAND
STATE PARKS

June 10, 2004

LOG NO: 2004.1583
DOC NO: 0405EJ16

Camilla Blomqvist
Arthur Kimbal Thompson Architect, AIA
45-1122 Kamehameha Hwy, Suite 404
Kaneohe, Hawaii 96744

Dear Ms. Blomqvist:

SUBJECT: **Chapter 6E-8 Historic Preservation Review-Draft Environmental Assessment (EA) for Ala Moana Regional Park Construction of New Canoe Halau**
Ala Moana, Kona, O'ahu
TMK: (1) 2-3-037:001

Thank you for the opportunity to provide comment on the draft EA for the construction of a canoe halau within Ala Moana Regional Park. The City and County of Honolulu Department of Design and Construction proposes to construct a pair of new canoe halau structures, each having a footprint of approximately 61' by 61' and approximately 19' tall the near the eastern end of Ala Moana park. The facility will be constructed of concrete, concrete masonry, wood and steel framing on concrete slab on grade with 5 foot square hollow masonry columns at each corner. The facility will be sites on a flat grassy area and may require minor grading. Our review is based on historic reports, maps, and aerial photographs maintained at the State Historic Preservation Division; no field inspection was made of the project areas. We received the copy of the DEA from your office on April 29, 2004 and provide the following comment.

Archaeology Comments

A review of our records shows that there are no known archaeology sites at the project location. Ala Moana Park was historically created by filling with reef material dredged from the shoreline to create the present Ala Moana beach and lagoon area. Thus, it is unlikely that subsurface archaeological deposits will be found during construction of the canoe halau.

We note that an archaeological assessment (AhSam and Cleghorn, October 2003 *Archaeological Assessment for Ala Moana Beach Park, Makiki, Honolulu, O'ahu*) has been included as Appendix B in the DEA. Although this report was not submitted previously to SHPD for review we can agree that the likelihood of encountering archaeological resources is low. The report recognizes that the Ala Moana Beach Park is listed on the State Register of Historic Places as part of the City and County of Honolulu's Art Deco Parks Thematic Group. However, the report does not provide a determination of the effect the project would have on this Register site. We also have the following additional comments:

We believe that Section 3.3.5 needs to be revised to acknowledge that Ala Moana Beach Park is a historic site listed on the Hawaii Register of Historic Places. .

We believe that section 4.3.5 of the DEA needs to be revised to recognize that Ala Moana Beach Park is a historic site listed on the Hawaii Register of Historic Places. .

We believe that paragraph 2 of section 8.1 on page 50 of the DEA needs to be revised to recognize that Ala Moana Beach Park is a historic site listed on the Hawaii Register of Historic Places. .

Architecture Comments

The proposed structures are approximately 19 feet and are located behind existing trees. Before a determination can be made on the architectural concerns of the proposed project, we request submittal to SHPD of plans for the addition of vegetation around the structures to minimize their visual impact on the Park.

Should you have any questions about archaeology, please feel free to call Sara Collins at 692-8026 or Elaine Jourdane at 692-8027. Should you have any questions about architectural matters, please feel free to contact Susan Tasaki at 692-8032. Should you have questions regarding cultural matters, please feel free to contact Nathan Napoka at 587-0192.

Aloha,

P. Holly McEldowney

P. Holly McEldowney, Administrator
State Historic Preservation Division

EJ:jen

c: David Scott, Executive Director, Historic Hawaii Foundation
Susan Tasaki, Architecture Branch
Nathan Napoka, Branch Chief, History and Culture Branch

AKTA Ltd./ARTHUR KIMBAL THOMPSON ARCHITECT, AIA

June 24, 2004

Ms. P. Holly McEldowney, Administrator
State of Hawaii
Department of Land and Natural Resources
Historic Preservation Division
Kakuhihewa Building, Room 555
601 Kamokila Blvd.
Kapolei, Hawaii 96707

Dear Ms. McEldowney:

Subject: Draft Environmental Assessment (EA) for Ala Moana Regional Park construction of new Canoe Halau, Tax Map Key: 2-3-037:001, PUC District, Oahu, Hawaii

We have reviewed your letter dated June 10, 2004 regarding the Draft Environmental Assessment (DEA) for Ala Moana Regional Park Canoe Halau and have the following responses.

We acknowledge that there are no known archeological sites at the project location and that the likely hood of encountering archeological resources is low.

The proposed canoe halau has been designated to reflect the architectural features found on the McCoy Pavilion in keeping with the Art Deco Parks Thematic group classification.

We will revise Sections 3.3.5, 4.3.5, and 8.1 to acknowledge that Ala Moana Regional Park is a historic site listed on the Hawaii Register of Historic Places.

A complete set of plans were submitted to the Historic Preservation Division on June 14, 2004

Thank you for participating in the environmental review process.

AKTA Ltd./Arthur Kimbal Thompson Architect

Camilla Blomqvist

cc: Dan Takamatsu,
Department of Design and Construction
City and County of Honolulu

AKTA Ltd./ARTHUR KIMBAL THOMPSON ARCHITECT, AIA
45-1144 KAMEHAMEHA HIGHWAY, SUITE 404
KANEOHE, HAWAII 96744
(808) 236-1373 FACSIMILE: (808) 234-6484
E-MAIL: kimbal@akta-ltd.com WEB: akta-ltd.com

LINDA LINGLE
GOVERNOR

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
869 PUNCHBOWL STREET
HONOLULU, HAWAII 96813-5097

RODNEY K. HARAGA
DIRECTOR

Deputy Director
BRUCE Y. MATERI
LINDEN H. JOESTING
BRIAN H. SEKIGUCHI

IN REPLY REFER TO:

STP 8.1154

May 11, 2004

RECEIVED
MAY 18 2004
AKTA Ltd./

Mr. Arthur Kimbal Thompson, AIA
AKTA Ltd./Arthur Kimbal Thompson Architect, AIA
45-1144 Kamehameha Highway, Suite 404
Kaneohe, Hawaii 96744

Dear Mr. Thompson:

Subject: Ala Moana Regional Park Construction of New Canoe Halua
Draft Environmental Assessment (DEA)
TMK: 2-3-37

Thank you for your transmittal requesting our review of the subject project.

We do not anticipate the proposed operation of the canoe halau will have a significant impact to our State transportation facilities.

We appreciate the opportunity to provide comments.

Very truly yours,

for RODNEY K. HARAGA
Director of Transportation

AKTA Ltd./ARTHUR KIMBAL THOMPSON ARCHITECT, AIA

June 8, 2004

Mr. Rodney K. Haraga, Director
State of Hawaii
Department of Transportation
869 Punchbowl Street
Honolulu, Hawaii 96813

Dear Mr. Haraga:

Subject: Draft Environmental Assessment (EA) for Ala Moana Regional Park construction of new Canoe Halau, Tax Map Key: 2-3-037:001, PUC District, Oahu, Hawaii

Thank you for reviewing the Draft Environmental Assessment for Ala Moana Regional Park Canoe Halau and for your comments of May 11, 2004.

We note that your department does not anticipate that the operation of the canoe halau will have a significant impact on the State transportation facilities.

We appreciate your input to the environmental review process.

Thank You.

AKTA Ltd./Arthur Kimbal Thompson Architect

Camilla Blomqvist

cc: Dan Takamatsu,
Department of Design and Construction
City and County of Honolulu

AKTA Ltd./ARTHUR KIMBAL THOMPSON ARCHITECT, AIA
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808 586 4186 OFC ENVIRONMENTAL 15 43 31 04-23-2004 1 15

LINDA LINGLE
GOVERNOR OF HAWAII

GENEVIEVE SALMONSON
DIRECTOR

STATE OF HAWAII
OFFICE OF ENVIRONMENTAL QUALITY CONTROL
235 SOUTH BERETANIA STREET
SUITE 702
HONOLULU, HAWAII 96813
TELEPHONE: (808) 586-4185
FACSIMILE (808) 586-4186
E-mail: oeqc@oeqc.state.hi.us

April 23, 2004

2 2004

Timothy Steinberger, Acting Director
Department of Design & Construction
650 South King Street
Honolulu, Hawaii 96813

Attention: Dan Takamatsu

Dear Mr. Steinberger:

Subject: Draft Environmental Assessment (EA), Ala Moana Regional Park Canoe Halau

We have the following comments to offer:

Reclaimed water: We recommend the use of reclaimed, or at least non-potable, water for the canoe washdown.

Cultural impacts assessment: An *analysis* of impacts to local cultural practices by the proposed project is required by law. Section 4.3.5 states a portion of the process, but no concluding analysis is given. In the final EA describe the process of obtaining information on current cultural practices and the conclusions you have drawn from this information.

Figures:
Section 2.4, *Technical Description*, gives the halau height at 19 feet. However Figure 6, *Elevations*, shows the height of the walls to be 19 feet, excluding the roof. What is the overall height from the base to the top of the roof?

In Figure 7, *Soils Map*, include a legend which indicates the soil type abbreviations used in the map. These abbreviations do not appear and are not defined in section 3.1.2, *Soil Characteristics and Groundwater*.

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

Sincerely,

Genevieve Salmonson

GENEVIEVE SALMONSON
Director

c: Camilla Blomqvist, AKTA

AKTA Ltd./ARTHUR KIMBAL THOMPSON ARCHITECT, AIA

June 8, 2004

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

Dear Ms. Salmonson:

Subject: Draft Environmental Assessment (EA) for Ala Moana Regional Park construction of new Canoe Halau, Tax Map Key: 2-3-037:001, PUC District, Oahu, Hawaii

We have reviewed your letter dated April 23, 2004 regarding the Draft Environmental Assessment (DEA) for Ala Moana Regional Park Canoe Halau and have the following responses.

Reclaimed water: There is no reclaimed or non-potable water available at the site. If made available in the future we will consider using it.

Cultural impacts assessment: A concluding analysis will be provided in the Final Environmental Assessment, Section 3.3.5.

Figures: The overall height of the Canoe Halau is 19' - 2". A legend indicating the soil type abbreviations will be included in the Final Environmental Assessment.

Thank for participating in the environmental review process.

AKTA Ltd./Arthur Kimbal Thompson Architect

Camilla Blomqvist

cc: Dan Takamatsu,
Department of Design and Construction
City and County of Honolulu

AKTA Ltd./ARTHUR KIMBAL THOMPSON ARCHITECT, AIA
45-1144 KAMEHAMEHA HIGHWAY, SUITE 404
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E-MAIL: kimbal@akta-ltd.com WEB: akta-ltd.com

PHONE (808) 594-1888

FAX (808) 594-1865

STATE OF HAWAI'I
OFFICE OF HAWAIIAN AFFAIRS
711 KAPIOLANI BOULEVARD, SUITE 500
HONOLULU, HAWAII 96813

HRD04/1165B

May 21, 2004

Camilla Blomqvist
ATKA Ltd./Arthur Kimbal Thompson Architect, AIA
45-1144 Kamehameha Highway
Suite 404
Kaneohe, HI 96744

RE: Request for Comments on the Draft Environmental Assessment for Ala Moana Regional Park Construction of New Canoe Halau, O'ahu, TMK: 2-3-37

Dear Camilla Blomqvist,

The Office of Hawaiian Affairs is in receipt of your April 21, 2004, request for comments on the above proposed project, which would provide a permanent, secure storage facility for outrigger canoes and related equipment. OHA has no comments at this time.

We will rely on your assurances that should iwi or Native Hawaiian cultural or traditional deposits be found during ground disturbance or excavation, work will cease and the appropriate agencies will be contacted pursuant to applicable law.

Thank you for the opportunity to comment. If you have further questions, please contact Heidi Guth by phone at 594-1962 or e-mail her at heidig@oha.org.

Sincerely,

Clyde W. Namu'o
Administrator

AKTA Ltd./ARTHUR KIMBAL THOMPSON ARCHITECT, AIA

June 2, 2004

Mr. Clyde W. Namu'o, Administrator
State of Hawaii
Office of Hawaiian Affairs
711Kapiolani Boulevard, Suite 500
Honolulu, HI 96813

Dear Mr. Namu'o:

Subject: Draft Environmental Assessment (EA) for Ala Moana Regional Park construction of new Canoe Halau, Tax Map Key: 2-3-037:001, PUC District, Oahu, Hawaii

We have reviewed your letter dated May 21, 2004 regarding the Draft Environmental Assessment (DEA) for Ala Moana Regional Park Canoe Halau and have the following responses.

We note that OHA does not have any comments regarding the proposed project.

We acknowledge that should iwi or Native Hawaiian cultural or traditional deposits be found during ground disturbance or excavation, work will cease and the appropriate agencies will be contacted pursuant to applicable law.

Thank you for participating in the environmental review process.

AKTA Ltd./Arthur Kimbal Thompson Architect

Camilla Blomqvist

cc: Dan Takamatsu,
Department of Design and Construction
City and County of Honolulu

AKTA Ltd./ARTHUR KIMBAL THOMPSON ARCHITECT, AIA
45-1144 KAMEHAMEHA HIGHWAY, SUITE 404
KANEOHE, HAWAII 96744
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E-MAIL: kimbal@akta-ltd.com WEB: akta-ltd.com

BOARD OF WATER SUPPLY

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

May 24, 2004

Mr. Kimbal Thompson
AKTA Ltd./Arthur Kimbal Thompson Architect, AIA
45-1144 Kamehameha Highway, Suite 404
Kaneohe, Hawaii 96744

Dear Mr. Thompson:

Subject: Your Letter of April 21, 2004 on the Draft Environmental Assessment for Ala Moana Regional Park New Canoe Halau, TMK: 2-3-37

Thank you for the opportunity to comment on the subject document.

The existing water system is presently adequate to accommodate the proposed canoe halau. 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 Application.

The on-site fire protection requirements should be coordinated with the Fire Prevention Bureau of the Honolulu Fire Department.

If you have any questions, please contact Joseph Kaakua at 748-5442.

Very truly yours,

K. Ishida

for CLIFFORD S. JAMILE
Manager and Chief Engineer

AKTA Ltd./ARTHUR KIMBAL THOMPSON ARCHITECT, AIA

June 8, 2004

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

Dear Mr. Jamile:

Subject: Draft Environmental Assessment (EA) for Ala Moana Regional Park construction of new Canoe Halau, Tax Map Key: 2-3-037:001, PUC District, Oahu, Hawaii

We have reviewed your letter dated May 24, 2004 regarding the Draft Environmental Assessment (DEA) for Ala Moana Regional Park Canoe Halau and have the following responses.

We acknowledge that the existing water system is presently adequate to accommodate the proposed canoe halau and the availability of water will be confirmed when the building permit application is submitted to the Board of Water Supply for review and approval.

The Department of Design and Construction will comply with the applicable Water System Facility Charges for resource development, transmission and daily storage.

The project will comply with the requirements of the Board of Water Supply Cross-Connection Control and Backflow Prevention prior to issuance of the building permit.

Thank you for participating in the environmental review process.

AKTA Ltd./Arthur Kimbal Thompson Architect

Camilla Blomqvist

cc: Dan Takamatsu,
Department of Design and Construction
City and County of Honolulu

AKTA Ltd./ARTHUR KIMBAL THOMPSON ARCHITECT, AIA
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DEPARTMENT OF PARKS AND RECREATION
CITY AND COUNTY OF HONOLULU
650 SOUTH KING STREET, 10TH FLOOR • HONOLULU, HAWAII 96813
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JEREMY HARRIS
MAYOR

WILLIAM D. BALFOUR, JR.
DIRECTOR

EDWARD T. "SKIPPY" DIAZ
DEPUTY DIRECTOR

May 12, 2004

Mr. Arthur Kimbal Thompson
AKTA Ltd./Arthur Kimbal Thompson Architect, AIA
44-1144 Kamehameha Highway, Suite 404
Kaneohe, Hawaii 96744

Dear Mr. Thompson:

Subject: Draft Environmental Assessment (EA) for Ala Moana Regional Park Construction of New Canoe Halau, Tax Map Key: 2-3-37, PUC District, Oahu, Hawaii

Thank you for the opportunity to review and comment on the Draft Environmental Assessment relating to the Ala Moana Regional Park Canoe Halau.

The Department of Parks and Recreation supports the construction of this canoe halau.

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

Sincerely,

W. D. Balfour, Jr.

WILLIAM D. BALFOUR, JR.
Director

WDB:mk
(60354)

AKTA Ltd./ARTHUR KIMBAL THOMPSON ARCHITECT, AIA

June 2, 2004

Mr. William D. Balfour, Jr., Director
City and County of Honolulu
Department of Parks and Recreation
650 South King Street, 10th Floor
Honolulu, Hawaii 96813

Dear Mr. Balfour:

Subject: Draft Environmental Assessment (EA) for Ala Moana Regional Park construction of new Canoe Halau, Tax Map Key: 2-3-037:001, PUC District, Oahu, Hawaii

We have reviewed your letter dated May 12, 2004 regarding the Draft Environmental Assessment (DEA) for Ala Moana Regional Park Canoe Halau and note that your department has no comment on the DEA.

Thank you for participating in the environmental review process.

AKTA Ltd./Arthur Kimbal Thompson Architect

Camilla Blomqvist

cc: Dan Takamatsu,
Department of Design and Construction
City and County of Honolulu

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DEPARTMENT OF PLANNING AND PERMITTING
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JEREMY HARRIS
MAYOR

ERIC G. CRISPIN, AIA
DIRECTOR

BARBARA KIM STANTON
DEPUTY DIRECTOR

Kathy Sokugawa
Acting Deputy Director

RECEIVED
MAY 21 2004
AKTA Ltd./

May 20, 2004

2004/ELOG-884(DT)

Ms. Camilla Blomqvist
45-1144 Kamehameha Highway, Suite 404
Kaneohe, Hawaii 96744

Dear Ms. Blomqvist:

Draft Environmental Assessment (EA)
Ala Moana Regional Park Canoe Halau
Tax Map Keys 2-3-37: 1

This is in response to your letter dated April 21, 2004, requesting comments on the Draft EA for a new canoe halau at the above park. We have the following comments:

Zoning Regulations and Permits Branch

1. Page 32 of the EA states that water retention areas will be created adjacent to the site in order to mitigate run-off. These water retention areas should be shown on the site plan attached to the EA.

2. The Final EA should include the types of Best Management Practices which will be implemented during grading and construction of the new building and other improvements.

3. The site plan shows that some trees will be removed with the construction of the canoe halau. The EA needs to describe the specific trees that will be removed and the proposed landscaping to be added. These items also should be shown in the plan view. There are exceptional trees in the park. The Final EA must describe how the project or removal of trees complies with the Exceptional Trees Ordinance.

4. Page 30 of the EA states that the existing parking lot adjacent to the canoe halau site has 33 standard and 2 ADA accessible parking spaces. The EA should address the adequacy of the existing parking: How many members are in each canoe club that will be utilizing the facility? Will this parking lot provide adequate parking for the canoe club members and for other users of the public park facilities? Canoe halaus are treated as boat launching ramps for off-street parking purposes and require 10 parking spaces.

5. The Final EA should describe how much (in cubic yards) clearing, grubbing, and grading will be done prior to construction of the canoe halau.

6. The canoe halau site is used by a number of organizations for picnic activities. Page 48 of the EA discusses alternative sites. However, it is difficult to determine the location of these sites. A site plan similar to Figure 5 (Floor Plan) showing these sites would be helpful. Also, the EA should address whether it would be possible to construct the halau on the Waikiki side of the parking lot.

Please contact Dana Teramoto of our staff at 523-4648 if you have any questions regarding the above comments.

Subdivision Branch

1. Exemptions for compliance with flood requirements have been deleted per Ordinance 04-09. Nonresidential structures are subject to compliance or otherwise will need to obtain a flood variance.

2. The project site is in Zone A (general floodplain district) and requires submission of a flood determination study.

Please contact Mario Siu-Li at 523-4247, should you have any questions regarding the above flood comments.

Civil Engineering Branch (CEB)

1. Page 8, third paragraph: Is the proposed "minor finish grading" work exempt from obtaining a Grading Permit? Refer to Sec. 14-13.5 of the ROH for work that is exempt from obtaining a Grading Permit.

2. Sections 3.5.2 and 4.5.1: These sections contradict each other. Section 3.5.2 states that "The velocity and volume of on-site flows is expected to increase with the addition of impervious area and there will be additional adverse effects resulting from the proposed canoe halau. Improvements will be made to mitigate run-off velocity and any adverse impacts by creating water retention areas adjacent to the site." Yet, Section 4.5.1 (Storm Water Drainage) states "No adverse drainage impacts to the beach park are expected. Drainage from the new roof and paving would flow into the adjacent grassy or planted areas where the runoff would percolate naturally into the ground."

Please contact Don Fujii at 527-7320, should you have any questions regarding the CEB comments.

Policy Planning Branch (PPB)

1. Section 5.2.2 should be rewritten (pp. 41-42). The Draft EA should address both the existing and proposed (Primary Urban Center (PUC) Development Plan (DP). The new PUC DP is not yet adopted, and it will be a DP and not a Sustainable Communities Plan (SCP) when it is. The latest (March 24, 2004) version of the proposed DP can be accessed under Bill 74 on our web site, "honoluludpp.org".)

2. The discussion of parking impacts (p. 39) should mention temporary construction parking (including workers' vehicles) as an impact.

3. Section 3.5.6 should be retitled "Public Safety and Health Services" and not "Devices".

Please contact Mike Watkins at 523-4406, should you have any questions regarding the PPB comments.

Thank you for the opportunity to review the Draft EA. In the future, when requesting our review of a project, please send four copies of the Draft EA.

Sincerely yours,

ERIC G. CRISPIN, AIA
Director of Planning
and Permitting

EGC:cs

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AKTA Ltd./ARTHUR KIMBAL THOMPSON ARCHITECT, AIA

June 24, 2004

Mr. Eric G. Crispin, AIA, Director
City and County of Honolulu
Department of Planning and Permitting
650 South King Street, 7th Floor
Honolulu, Hawaii 96813

Dear Mr. Crispin:

Subject: Draft Environmental Assessment (EA) for Ala Moana Regional Park construction of new Canoe Halau, Tax Map Key: 2-3-037:001, PUC District, Oahu, Hawaii

We have reviewed your letter dated May 20, 2004 regarding the Draft Environmental Assessment (DEA) for Ala Moana Regional Park Canoe Halau and have the following responses.

Zoning Regulations and Permits Branch

1. Water retention areas shall be shown on the site plan in the Post Contract Drawings.

2. A silt fence shall be constructed around the work area during the construction phase to prevent silt erosion off site. Grassing and other landscape planting will be provided for permanent soil erosion control measures. The Final Environmental Assessment will include this information.

3. The trees to be removed (5) will be noted on the revised Proposed Site Plan in the Final EA. In addition, paragraph 4.2.1 will be expanded to include the two additional trees (a Hala and a Milo) that are to be removed for the construction of phase two.

   There are five existing trees in the immediate area of the new halau that are deemed to be exceptional trees. The midsized damaged banyan tree noted to be removed for the construction of phase one is deemed to be an exceptional tree; however, due to its present condition (extensively trimmed to maintain the sightline for the navigational lights and has a damaged trunk) it does not meet the qualifications of an exceptional tree. In addition, if left in its current location it will continue to be further extensively trimmed as it grows larger. It is proposed to replace this tree with a tree of similar species in an appropriate location to be determined in conjunction with the Department of Parks and Recreation. The footing of the new halau structure will be kept approximately 20 feet away from the four remaining exceptional trees. These trees will be protected during the construction phase by erection of temporary barricades to prevent inadvertent damage from the construction operations.

4. In addition to the existing adjacent parking lot, there is the existing Magic Island parking lot on the ocean side of the site with 458 standard and 16 ADA accessible parking spaces. The location of the proposed halau is currently used to store and launch canoes and use by additional canoe clubs are not anticipated. The canoe halau is intended to provide secure storage of canoes and related equipment and the intensity of usage by the current members is not expected to increase requiring more parking facilities.

5. Grading quantities will be less than 50 cubic yards and the amount of grading (fill) will be 41 cubic yards. This information will be included in the Final Environmental Assessment.

6. The alternative site plans will be included in the appendix of the Final Environmental Assessment (FEA). It is not possible to site the canoe halaus in the area on the Waikiki side of the parking lot. This area contains many coconut trees and does not have enough

space for the two halaus and include the staging area necessary to rig the canoes with their outriggers. It should be noted that several to many canoes are rigged at the same time requiring a large area outside of the halau since the outriggers are removed from the canoes when stored in the halau. In addition, the rigged canoes would then have to be carried approximately 300 feet along the park road to the existing launching ramp. The FEA will include a discussion of this alternative.

Subdivision Branch

1. We note that exemptions for compliance with flood requirements have been deleted per Ordinance 04.09 and that nonresidential structures are subject to compliance or otherwise will need to obtain a flood variance.

2. The project site is located both in flood Zone A and AE. A flood determination study will be submitted to the Department of Planning, Subdivision Branch. This information will be included in the Final Environmental Assessment.

Civil Engineering Branch (CEB)

1. Per ROH, Section 14-13.5, the proposed work is exempt from obtaining a grading permit, the grading quantities will be less than 50 cubic yards

2. Section 4.5.1 will be revised to "Minor adverse drainage impacts to the beach park are expected. Drainage from the new roof and paving will be mitigated by creating water retention areas."

Policy Planning Branch (PPB)

1. The Final Environmental Assessment will be rewritten to include information from the proposed Primary Urban Center Development Plan.

2. In order for the construction workers to use the parking, the contractor will have to obtain a right-of-entry and permit from DPR. Since the use of parking spaces (if permitted by DPR) will be a temporary thing the impact will be minor, however, the Final Environmental Assessment will be changed to reflect this.

3. The Final Environmental Assessment will be changed to reflect this.

Thank you for participating in the environmental review process.

AKTA Ltd./Arthur Kimbal Thompson Architect

Camilla Blomqvist

cc: Dan Takamatsu,
Department of Design and Construction
City and County of Honolulu

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THE OUTDOOR CIRCLE
1314 South King St., Suite 306 • Honolulu, HI 96814
Phone: 808-593-0300 Fax: 808-593-0525

VIA FAX

May 24, 2004

Mr. Dan Takamatsu
Department of Design and Construction
City & County of Honolulu
850 S. King Street, 9th Floor
Honolulu, HI 96813

Re: Draft Environmental Assessment (EA) for Ala Moana Regional Park construction of a new canoe halau

Dear Mr. Takamatsu:

On behalf of The Outdoor Circle I would like to thank you for including our organization as a consulted party in the above referenced Draft Environmental Assessment (EA)

Section 4.2.1 calls for the removal of an exceptional banyan tree in order to build the canoe halau. Exceptional trees are deemed "exceptional" because they fit a very specific criteria which includes having "historic or cultural value, or which by reason of its age, rarity, location, size, aesthetic quality, or endemic status has been designated by the county committee as worthy of preservation."

The Outdoor Circle believes that the only reason an Exceptional Tree should be removed is if the tree is structurally unsound or has unmitigatable health or stability problems and its target *cannot* be protected. This exceptional banyan does not fit these criteria for removal. We therefore, strongly oppose the removal of this Exceptional tree for the purpose of building a new canoe halau.

At our site visit on February 10, 2004, we reviewed an alternate site for the canoe halau which is located 'ewa of the proposed sites listed in the EA. This alternate would require the removal of approximately a dozen coconut palms but would preserve the exceptional tree. The EA does not even list this as an alternative.

Our comments and questions are listed below relating to section 4.2.1:

- The EA states that "new trees in appropriate locations to replace (those removed) may be planted to mitigate loss of these trees." This is not acceptable. Please explain what tree replacement program will be

- implemented to mitigate for the loss of shade and aesthetic value that the coconut palms provide. At least one tree, of like species, should be planted for every tree removed.
- State in the EA what tree protection measures will be taken to ensure the continued health of the surrounding Exceptional trees and coconut palms.
- It does not state in the draft EA who will be responsible for monitoring the work around the trees and coconut palms during construction. A certified arborist must be hired who is certified by the International Society of Arboriculture (ISA) with at least 5 years demonstrated experience in tree protection during construction and tree and root pruning. These requirements must be included in the EA.
- If you plan to "delist" this exceptional tree, please describe the process you will undertake. We believe the ordinance requires approval by City Council to do this.

In summary, we respectfully request that the FONSI be categorically denied due to the proposed unnecessary removal of the exceptional tree at Ala Moana Regional Park. We look forward to your reply.

We look forward to your reply.

Sincerely,

Kimberly Hillebrand
Certified Arborist
Landscape & Planting Project Manager

Cc: Mayor Jeremy Harris
Bill Balfour, Department of Parks and Recreation
Arthur Kimball Thompson
OEQC

AKTA Ltd./

June 17. 2004

Ms. Kimberly Hillebrand, Certified Arborist
The Outdoor Circle
1314 South King Street, Suite 306
Honolulu, Hawaii 96814

Dear Ms. Hillebrand:

Subject: Draft Environmental Assessment (EA) for Ala Moana Regional Park construction of new Canoe Halau, Tax Map Key: 2-3-037:001, PUC District, Oahu, Hawaii.

We have reviewed your letter dated May 24, 2004 regarding the Draft Environmental Assessment (DEA) for Ala Moana Regional Park Canoe Halau and have the following responses.

1. Regarding your paragraph 2, while your comments stating that the referenced tree is deemed exceptional may be correct, the criteria may not be applicable to this tree at this time. This tree, while it may be considered "old" (at least 54 years), is not especially large for its age. It does not appear to be "rare", its location is within the site lines of the existing harbor entry navigational towers and has required continued over-trimming to maintain navigational sight lines affecting the trees "aesthetics" and it is not endemic.

   As well, there exists other damage to this tree and while reviewed by other reputable arborists and others concerned with such matters, the ODC comment has been the only opposition expressed in replacing this tree with a healthy tree of like species in an appropriate nearby location outside of the navigational light sightlines. The final location will be determined by discussions with the Department of Parks and Recreation.

2. Regarding your paragraph 3 and in light of the above, there exists sufficient reason for the tree removal and replacement. Please understand that the relocation of the existing tree was also a consideration but was overridden due to the tree's existing condition.

3. Regarding your paragraph 4, at the site visit on February 10, 2004, alternate site considerations were discussed. The Draft EA (DEA) was prepared prior to this visit. As expressed at that 2.10.04 meeting, one of the major considerations in the siting of the Halau was to keep the impact on the existing trees to the very minimum. In consideration of this, locating the Halau within the coconut grove was not considered an alternative to be discussed within the DEA.

   Also discussed at this meeting was the proximity of the Halau to the Canoe launch ramp, existing parking area, master plan for future related facilities in relationship to the other existing exceptional trees, navigational lights and other existing site considerations. No determination of alternative siting was determined at this meeting. Also, within the context of these discussions on that day were the mutual assurances of both the Canoeing community and the Outdoor Circle in support of one another's contributions to our community and willingness to work together.

4. Regarding your additional comments and questions relating to section 4.2.1, we concur that tree protection measures be taken to assure the continued health of the surrounding Exceptional trees and Coconut Palms. Contract Documents include provisions for this.

5. It is beyond the requirements of the Environmental Assessment to direct who will be responsible for monitoring the site work around the trees. Contract Documents include provisions for supervision by a certified arborist.

6. It would appear that it would be difficult to continue to justify this tree as exceptional by existing ordinance requirement, in consideration of facts concerned in items 1 and 2 above.

Our common goal is to preserve and/or improve the quality of environment we all currently enjoy on Oahu and to perpetuate this environment into the future to the best of our abilities. Thank you for your participation in this environmental review process.

AKTA Ltd./Arthur Kimbal Thompson Architect

Camilla Blomqvist

cc: Dan Takamatsu,
Department of Design and Construction
City and County of Honolulu

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4959-1 Maunalani Circle
Honolulu, Hawaii 96816
Phone 735-2730
May 10, 2004

onolulu Department of Design and Construction Attn: Dan Takamatsu
i0 S. King St.
onolulu, Hawaii 96813

:: Ala Moana Canoe Halau

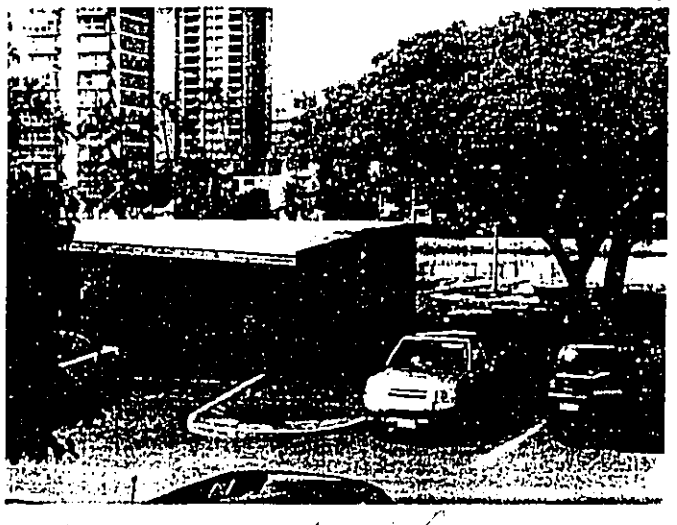
› Whom It May Concern;

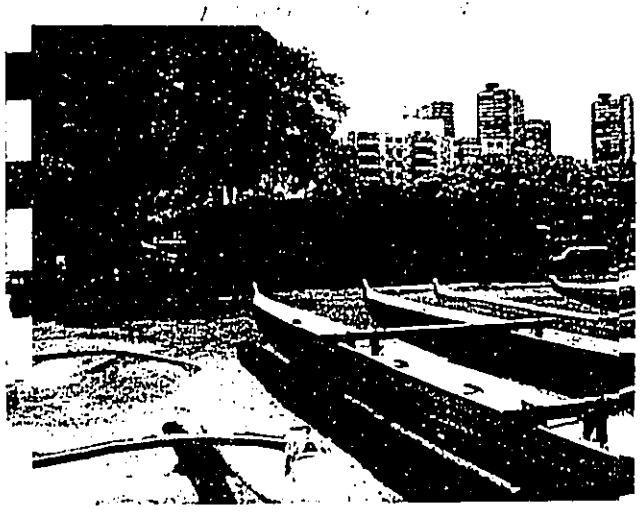
ead with decidedly mixed feelings that the city plans to build 2 canoe halau at Ala Moana Beach Park. Outrigger noes are part of our Hawaiian heritage and offer wonderful recreational opportunities. After careful consideration, I el that these 2 massive buildings (61 x 61 x 19 ft) are not particularly Hawaiian, would not improve the park and ould not be in the best interests of the majority of public park users or taxpayers. For the buildings alone, 7, 442 sq. of beautiful park would be paved and 141,398 cu. ft. of view land to the ocean would be lost. No mention was made other storage items such as trailers that threaten to take up even more area. Tourists and local people heavily use Ala oana Beach Park with overflow parking problems on weekends and evenings. Adding these clubs with their huge embership (over 600 in 3 clubs alone) would limit access to other users. These halau are essentially storage sheds for ivate clubs and could be located elsewhere. For example, the Elks Lodge and Waikiki Yacht Club have their own ime waterfront property. There are already collections of canoes on land along the mauka side of the Ala Wai Canal the golf course, Ala Wai Neighborhood Park at University Ave. and Ala Wai Recreation Center at McCully St. I ve attached some photos of the canoe halau at the Ala Wai Neighborhood Park. It is not a pretty building and there e still canoes, trailers and other boats and articles around the building on park property.

owever, something must be done now to reclaim this area of Ala Moana Park for all users. In past years, a few cturesque outrigger canoes were stored on the cinder rectangle across from the launch ramp. It was pleasant to see e young paddlers enjoying the park and water in a healthy uniquely Hawaiian way. Now dozens of canoes and piles club equipment have been moved in that have taken over nearly all of the grassy picnic area at the Diamond Head trance of the park between the beach road, small parking lot, and the pond creating an unsightly shantytown. I have tached some recent photos showing some of the items left semi-permanently on our parkland. It demonstrates concern for the aina and other park users. In addition to the canoes, there are other types of boats, trailers, carts, whorses, various large makeshift wooden lockers, storage platforms, 3 large Heineken kegs, barbeque grill, assorted airs and tables and other items, some stored under tarps and in large garbage bags. Hunks of discarded carpets and d tires are again making their way into the water. The tires and carpet were the major debris choking the Ala Wai nal and requiring very expensive dredging. This present canoe area is every bit as ugly and more constant than the mps of the 150-200 homeless people living in the park. A park is not intended for either living or storage of private operty for the few. Indeed, there seems to be rather selective enforcement of park rules, with police making arrests r drinking and removing the private possessions of the homeless while ignoring the same behavior of private canoe ubs on the same public property. It borders on obscene to use $810,000 of city money to construct huge storage sheds a popular public beach park to shelter from the elements a privately owned $60,000 koa canoe while these homeless izens sleep in the rain. Ala Moana is Hawaiian for "Path to the Sea" and these buildings will be stumbling blocks on at path for most users. I strongly urge you to cancel plans for these buildings at this park, to allow only a limited mber of outrigger canoes to be stored on the open park, to prohibit storing trailers and other equipment there and to an up the present mess.

ncerely,
ary M. Flynn

:: AKTA, Ltd /Arthur Kimbal Thompson Architect
Office of Environmental Quality Control





AKTA Ltd./ARTHUR KIMBAL THOMPSON ARCHITECT, AIA

June 21, 2004

Ms. Mary M. Flynn
e-mail address: saarij001@hawaii.rr.com

Dear Ms. Flynn:

Subject: Draft Environmental Assessment (EA) for Ala Moana Regional Park construction of new Canoe Halau, Tax Map Key: 2-3-037:001, PUC District, Oahu, Hawaii

We have reviewed your letter dated May 10, 2004 regarding the Draft Environmental Assessment (DEA) for Ala Moana Regional Park Canoe Halau and have the following responses.

There is limited shoreline access along the south shore, Ala Moana Regional Park is one of the few appropriate areas for canoe halaus and outrigger canoe launching. The proposed canoe halau is intended to store the existing canoes owned by the various canoe clubs already located at the regional park in a more attractive and organized manner. It is an extension of the program that provides facilities for other park uses such as gyms, play courts, and recreation centers.

According to the Department of Parks and Recreation (DPR), the rectangular area set aside for the clubs is for canoe storage only and it is common practice for canoe clubs to assist the DPR with maintenance of the area. The DPR will inform the clubs of any violations to the existing permits and ensure continued assistance with maintenance of the area.

Thank you for participating in the environmental review process.

AKTA Ltd./Arthur Kimbal Thompson Architect

Camille Blomqvist

cc: Dan Takamatsu,
Department of Design and Construction
City and County of Honolulu

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DOC Fax:523-4767 Apr 26 2004 14:34 P.02

TOBY M. KRAVET
P.O. BOX 4385
HONOLULU, HAWAII 96812
(808) 841-4196 (h) (808) 533-4234 (w)
toby.kravet@verizon.net

April 25, 2004

City and County of Honolulu
Department of Design and Construction
650 S. King St.
Honolulu, Hawaii 96813

Attn: Dan Takamatsu

Re: Planned Canoe Halau at Ala Moana Park

Gentlemen:

I am writing in response to your request, in the Sunday, April 25, 2004, Honolulu Advertiser, for public comment on the proposed Halau to be constructed at Ala Moana Park in the same area where the canoes are currently stored in the open.

I run and/or swim at Ala Moana Park almost every weekday in the late afternoon and park in the Magic Island parking lot. When entering the park or leaving, I am frequently inconvenienced by paddlers carrying their canoes across the inner road to the launching area on the immediate Diamond Head side of Magic Island. During the early year racing season, with the number of canoes being carried across the road, it has taken me close to 20 minutes to drive the short distance (.2 mile) from Magic Island to the park entrance to leave around 5 p.m. It can frequently take me longer, at this time of year, to leave the park then drive home to Kamehameha Heights. Attempting to leave via the Eva (Ward Warehouse) side isn't much better as traffic, from all the drivers attempting this alternative, can be bumper-to-bumper from McCoy Pavilion to the exit.

I have often wondered if a short section of the inner road, from Magic Island to the Waikiki Yacht Club, could be relocated in the mountain direction to create a canoe storage area on the ocean side. If this is at all a possibility, it would need to be considered before building the Halau as this where it (the Halau) would need to go. I am sure that not having to carry their canoes across the road would be appreciated by the paddlers as well as the drivers.

Thank you for you for your consideration of this issue.

Sincerely yours,

Toby M. Kravet

AKTA Ltd./ARTHUR KIMBAL THOMPSON ARCHITECT, AIA

June 21. 2004

Mr. Toby M. Kravet
P.O. Box 4385
Honolulu, Hawaii 96812

Dear Mr. Kravet:

Subject: Draft Environmental Assessment (EA) for Ala Moana Regional Park construction of new Canoe Halau, Tax Map Key: 2-3-037:001, PUC District, Oahu, Hawaii

We have reviewed your letter dated April 25, 2004 regarding the Draft Environmental Assessment (DEA) for Ala Moana Regional Park Canoe Halau and have the following responses.

There is an immediate need to provide a canoe halau to store the outrigger canoes currently stored at the rectangular area at the site. Since there is limited shoreline access along the beach that will not impact beach use this location is the most appropriate areas for a canoe halau and outrigger canoe launching.

However, it is not feasible to reroute the Ala Moana Park Drive to create an area for the canoe halau on the makai side. It will require the removal of many trees and the loss of parking stalls in the existing parking lot. We have informed the Department of Parks and Recreation of the traffic impact and they will address that problem.

Thank you for participating in the environmental review process.

AKTA Ltd./Arthur Kimbal Thompson Architect

Camilla Blomqvist

cc: Dan Takamatsu,
Department of Design and Construction
City and County of Honolulu

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Subject: FW: Canoe halau at Ala Moana Beach Park

-----Original Message-----
From: Lorie Young [mailto:lorie@hawaii.rr.com]
Sent: Thursday, May 20, 2004 10:19 PM
To: Takamatsu, Daniel I.
Subject: Canoe halau at Ala Moana Beach Park

Thank you very much for allowing the public to comment.

My name is Lorie Young, I run every (M-F) week day at the park & have done so for more than 20 years. I usually arrive at 4:30 pm right after work & leave around 6 pm. when done with my run. This is the very same window of time the paddlers arrive & leave as well. The highschoolers arrive after school & the private clubs meet after work. During the height of highschool paddling season the traffic is horrendous. I wish I could have taken video of the traffic jams so you can see 1st hand what happens to traffic during the height of paddling season. So I was ALARMED when I read of the plan to build not one but two structures that could house a total of 60 canoes in the area where the canoes are currently parked.

I have two major concerns as follows:

1. I have counted approximately 20 canoes parked now. Your plan is increase this number to 60 thereby tripling the number. I can only assume this will bring in even more paddlers into the park. Perhaps not all at once but none the less there will likely be more paddlers in a park that can barely handle the current paddlers who use the park now.

You are probably aware that the canoes are currently NOT parked on the ocean side of the road. The paddlers must carry the canoes across the road to get to the water. Needless to say this blocks/backs up traffic entering the park & the Magic island parking lot. When there are lot of canoes being carried across there is a major back up.

I am not opposed to the structures. In fact I think the paddlers would very much appreciate them. But they seem to be oblivious to the fact that they are holding up traffic while crossing the road with the canoes. So placing the structures in the same area where the canoes are now parked will just make traffic worse.

I strongly recommend the structures be placed on the ocean side of the road & as close to the water as possible so the paddlers won't need to carry the canoes far. However, there isn't enough room where the paddlers now launch the canoes to also park the canoes. I assume rerouting the road would be far too costly. I suggest you place the structures on Magic island in the grassy area at the far end of the parking lot & build a ramp there to launch the canoes. This will address the immediate problem of the paddlers having to carry the canoes cross the road to get to the water & blocking/backing up traffic. Unfortunately this will mar the landscape as I expect the structures to be rather large & unattractive. Perhaps building these structures may not be in the best interests of the majority of park users or taxpayers.

2. The aforementioned merely alleviates the road blockage that occurs when the paddlers cross the road but does not address the overall traffic congestion whenever more people converge

on a site. It is my hope you would study the traffic impact before building any structures that might bring in more people. This above all else needs to be studied before you consider building structures that impact the majority of park users & the surrounding community. Isn't that what we expect the Sam's Clubs, Walmarts & Home Depots to do when they decide to build on a site?

I will be more than happy to testify or provide more ancedotal accounts.
Feel free to contact me. Ph: 832-5121

AKTA Ltd./ARTHUR KIMBAL THOMPSON ARCHITECT, AIA

June 21, 2004

Ms. Lorie Young
lorie@hawaii.rr.com

Dear Ms. Young:

Subject: Draft Environmental Assessment (EA) for Ala Moana Regional Park construction of new Canoe Halau, Tax Map Key: 2-3-037:001, PUC District, Oahu, Hawaii

We have reviewed your e-mail dated May 20, 2004 regarding the Draft Environmental Assessment (DEA) for Ala Moana Regional Park Canoe Halau and have the following responses.

The proposed Ala Moana Regional Park Canoe Halau is intended to store the existing canoes owned by the various canoe clubs already located at the regional park in a more attractive and organized manner. As there is limited shoreline access along the beach at this park, this existing site is the most appropriate area for a canoe halau and outrigger canoe launching. Your suggested location at the ocean end of Magic Island parking lot would pose a hazard to launching due to the strong wave action at this exposed location.

As you note it is not feasible to reroute the Ala Moana Park Drive to create an area for canoe halau on the makai side because it would cause the removal of many trees and the loss of parking stalls in the existing parking lot. We have informed the Department of Parks and recreation of the traffic impact and they will address that problem.

Thank you for participating in the environmental review process.

AKTA Ltd./Arthur Kimbal Thompson Architect

Camilla Blomqvist

cc: Dan Takamatsu,
Department of Design and Construction
City and County of Honolulu

AKTA ltd./ARTHUR KIMBAL THOMPSON ARCHITECT, AIA
45-1144 KAMEHAMEHA HIGHWAY, SUITE 404
KANEOHE, HAWAII 96744
(808)236-1373 FACSIMILE:(808)234-6484
E-MAIL: kimbal@akta-ltd.com WEB: akta-ltd.com

APPENDICES

A Correspondence

B Archeological Assessment for Ala Moana Beach Park Makiki, Honolulu, O'ahu

C. Master Site Plan – Design Alternative 1

D. Flood Determination Study

APPENDIX A

Correspondence

AKTA Ltd./ARTHUR KIMBAL THOMPSON ARCHITECT, AIA

October 8, 2003

Mr. Ronald Tsuzuki
State Highway Division

Via Facsimile @ (808) 587-1787

Subject: Traffic Data for Ala Moana Beach Park
1201 Ala Moana Boulevard
Honolulu, Hawaii 96814

Dear Mr. Tsuzuki,

We are in the process of preparing a Draft Environmental Assessment for a new Canoe Halau at the Ala Moana Beach Park and we are requesting the following information:

1. Traffic Estimates/Counts at the closest station(s) (the closest intersections are Ala Moana Boulevard and Atkinson Drive, also Ala Moana Boulevard and Kamakee Street)
   a. Daily Volumes (24-hour, two-way Volume [vpd] in both directions)
   b. Peak Hour Volumes (AM and PM Peak Hour [vph] in both directions)

   For 1995, 1997,1999, and 2001.

Please let me know if you need additional information.

Thank You.

AKTA Ltd./Arthur Kimbal Thompson Architect

Stacey Shepard

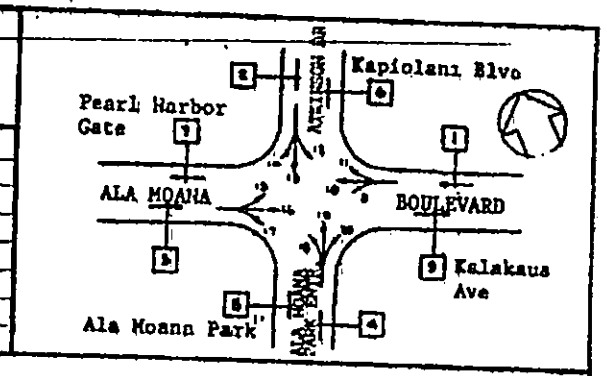
Stacey Shepard
236-1373

45-1144 KAMEHAMEHA HIGHWAY, SUITE 404
KANEOHE, HAWAII 96744
(808) 236-1373 FACSIMILE: (808) 234-6484
E-MAIL: info@akta-ltd.com

MOVEMENT COUNT - PART I

Station No. : 601 Date : 09/26-27/96 Period : 6:00 am - 6:00 pm

Location : Ala Moana Boulevard at Atkinson Drive & Ala Moana Park Entrance



STATION/CHARACTERISTICS	APPROACHES			
Traffic Control				
Channelized				
Highway Divided				
Total Number of Lanes				
Separate Turning Lanes				
Bus Stops				

APPROACH TRAFFIC

MOVEMENTS	Traffic Entering MOV 1	MOV 2	MOV 3	MOV 4	TOTAL	Traffic Leaving MOV 5	MOV 6	MOV 7	MOV 8
A.M. Peak 7:15-8:15	1631	1263	1400	189	4483	1322	419	2464	288
P.M. Peak 4:45-5:45	1735	787	2673	348	6543	2206	986	1804	567
12-Hour Volume	18082	9825	18825	2690	49422	17687	6734	21222	3979
12-Hour Meter	7848	3792	7210	954	19804	6943	3276	8706	875
24-Hour Volume	25930	13617	26035	3644	69226	24630	10012	29930	4854

TURNING MOVEMENTS OF ENTERING TRAFFIC

MOVEMENTS	MOV 9	MOV 10	MOV 11	MOV 12	MOV 13	MOV 14	MOV 15	MOV 16	MOV 17	MOV 18	MOV 19	MOV 20	TOTAL
A.M. Peak 7:15-8:15	42	1432	157	142	142	979	219	1107	74	53	43	73	4483
P.M. Peak 4:45-5:45	102	1326	307	236	203	348	542	1869	262	130	117	101	6543
12-Hour Volume	710	14588	2787	2427	1646	5752	3239	13983	1623	686	708	1097	49422
12-Hour Meter	132	6146	1570	1221	415	2156	1448	5434	328	406	280	288	19804
24-Hour Volume	843	20731	4357	3648	2061	7908	4687	18397	1951	1291	988	1385	69226

HAWAII STATE DEPARTMENT OF TRANSPORTATION

STATION NO. 601

MOVEMENT COUNT - PART II

Station : 601

Location : Ala Moana Boulevard at Atkinson Drive & Ala Moana Park Entrance

RECORD OF 24 - HOUR VOLUMES

DATE	ENTERING MOVEMENTS MOV 1	MOV 2	MOV 3	MOV 4	TOTAL	LEAVING MOVEMENTS MOV 5	MOV 6	MOV 7	MOV 8	PERCENT DISTRIBUTION OF 24-HOUR VOLUMES AM PEAK	PM PEAK	6 AM TO 6 PM	6 PM TO 6 AM
06/82	26654	14523	26518	5340	-	24034	10806	32329	4866	-	-	-	-
12/21-22/83	28027	*	24718	*	-	28056	10862	28295	3291	*Meter Malfunction			
12/11-12/84	30602	12109	24940	3898	-	23156	10490	29142	3420	-	-	-	-
11/18-19/85	24156	11545	22918	3180	-	22370	9909	25733	2557	-	-	-	-
03/31-04/01/86	25024	11849	24787	5113	-	21812	10858	27794	4365	-	-	-	-
12/13-14/88	26831	15478	23625	5348	-	22195	10698	17875**	4261	**Probable Meter Malfunction			
12/19-20/89	27128	17990	23863	3145	-	22025	11637	31115	5020	-	-	-	-
08/26-27/90	24884*	13369	25078	6256	-	19546	9171	31820	4849	-	-	-	-
09/26-27/96***	25930	13617	26035	3644	69228	24430	10012	29930	4854	6.4	6.0	71.4	28.6

***Manual VTC for Turning MOV 9 available

HAWAII STATE DEPARTMENT OF TRANSPORTATION
HIGHWAY PLANNING BRANCH

STATION NO. 601

AKTA Ltd./ARTHUR KIMBAL THOMPSON ARCHITECT, AIA

October 8, 2003

Mr. Grant M. Odo
Board of Water Supply
City and County of Honolulu
830 South Beretania Street
Honolulu, HI 96843

Via Facsimile @ (808) 748-5109

Subject: Ala Moana Beach Park Canoe Halau
1201 Ala Moana Boulevard
Honolulu, Hawaii 96814

Dear Mr. Oda

We are in the process of preparing a Draft Environmental Assessment for a new Canoe Halau at Ala Moana Beach Park and we are requesting the following information:

1. Water Service printouts for property meter(s)
2. Drawings (if any)

Please let me know if you need additional information.

Thank You.

AKTA Ltd./Arthur Kimbal Thompson Architect

Stacey Shepard

Stacey Shepard
236-1373

45-1144 KAMEHAMEHA HIGHWAY, SUITE 404
KANEOHE, HAWAII 96744
(808) 236-1373 FACSIMILE: (808) 234-6484
E-MAIL: info@akta-ltd.com

BOARD OF WATER SUPPLY

CITY AND COUNTY OF HONOLULU
630 SOUTH BERETANIA STREET
HONOLULU, HAWAII 96843-0001

DATE: Wednesday, October 15, 2003

PAGES TRANSMITTED: 04
(Including cover sheet)

FACSIMILE COVER SHEET

TO:
NAME: Stacey Shepard
COMPANY: AKTA Ltd
FAX NO: 234-6484

FROM:
NAME: Grant M. Odo
DIVISION:
FAX NO:

REMARKS: Attached is the water service printout and sketch. If you have any questions, please call me at #748-5462. Thank you.

IN CASE OF TRANSMISSION PROBLEMS, PLEASE CONTACT SENDER AT (808) 748-5462, THANK YOU

em-ID.....: 1011828
Prem Address: 1201 ALA MOANA BLVD Elevation: N
HONOLULU HI 96814-4205
Prem Name...: ALA MOANA PARK Old SN: 716-14370
Subdivision.:
TMK: 2-3-037:001 Ext: 0
Cust-ID.....: 1028463
Customer Name: ,
Business Name: DIV OF PK MTN & REC

********** Service Information **********

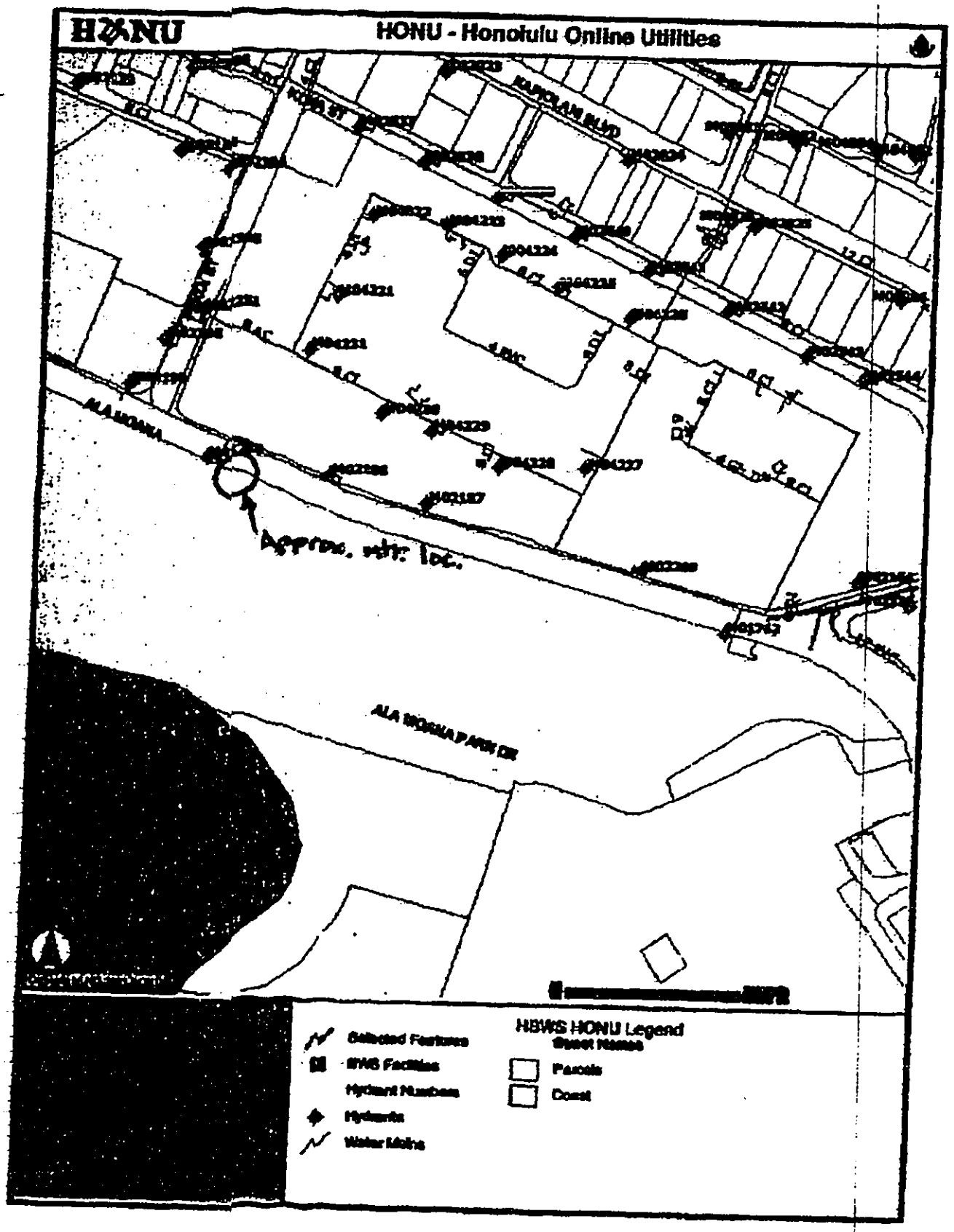
Type of Serv..:	W	Status.....:	Active	Stat Date.....:	09/19/1995
Serv Rsn.....:	NS	Rsn Date...:	09/19/1995		
Prem Serv Stat:	OC	P S St Date:	09/19/1995		
Lateral Length:	0.00	Inlet Size.:			
Lateral Size..:		Inlet Type.:		Valve Box Type:	
Lateral Type..:		Outlet Size:		Valve Loc.....:	
Main Loc.....:	0	Outlet Type:		Valve Size....:	
Main Size.....:		Sewer Type.:		Valve Type....:	
Main Type.....:		Bill Code..:		SIC Code.....:	
		Class Code.:		Primary Units.:	1
PSI at Mtr....:	0	PSI before.:		Secondary Unit:	0
				PSI after.....:	

********** Metered Services Information **********

Meter Number.: 94188214
Install Date.: 09/19/1995
Meter Seq....: 1
Meter Make...: SS Sensus
Meter Size...: 18 8"
Meter Type...: FM Model Fm (Fire Meter)
Mtr Area Code: C Concrete
Mtr Loc Desc.: S OPP RFC SEARS/ALA MOANA PRK
Mtr Box Type.:

	HIGH	LOW	MAIN
ECR ID.....:			
Install Date.:			
ECR Make.....:			
ECR Size.....:			
ECR Type.....:			
EXU ID.....:			
MIU ID.....:			
Install Date.:			
EXU/MIU Make.:			
EXU/MIU Type.:			
Num of Ports.:			
MIS Latitude.:			
MIS Longitude:			

***** END OF REPORT *****


HONU - Honolulu Online Utilities
KAPIOLANI BLVD
ALA MOANA
Approx. subj. loc.
ALA MOANA PARK DR
HBWS HONU Legend
Parcels
Coast

AKTA Ltd./ARTHUR KIMBAL THOMPSON ARCHITECT, AIA

October 8, 2003

Ms. Margaret Akamine Dupree
National Marine Fisheries Service
1601 Kapiolani Boulevard, Suite 1100
Honolulu, Hawaii 96814-0047

Dear Ms. Dupree:

Subject: Ala Moana Beach Park Canoe Halau
1201 Ala Moana Boulevard
Honolulu, Hawaii 96814
TMK: 2-3-037-001

We have been consulted by the City & County of Honolulu, Department of Design and Construction to prepare an Environmental Assessment for a new Canoe Halau at Ala Moana Beach Park.

We are requesting a species and habitats list for Ala Moana Beach Park and we are sending the attached document for your information: TMK Map

Please don't hesitate to call if you need further information.

Thank You.

AKTA Ltd./Arthur Kimbal Thompson Architect

Stacey Shepard

Stacey Shepard
236-1373

45-1144 KAMEHAMEHA HIGHWAY, SUITE 404
KANEOHE, HAWAII 96744
(808) 236-1373 FACSIMILE: (808) 234-6484
E-MAIL: info@akta-ltd.com

UNITED STATES DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
NATIONAL MARINE FISHERIES SERVICE
Pacific Islands Regional Office
1601 Kapiolani Boulevard, Suite 1110
Honolulu, Hawaii 96814-0047

November 7, 2003

AKTA Ltd.
45-1144 Kamehameha Hwy. Suite 404
Kaneohe, HI 96744
FAX: (808) 234-6484

RE: Ala Moana Beach Park Canoe Halau

ATTN: Stacy Shepard

This responds to your request received on October 15, 2003, for a list of threatened and endangered species under the jurisdiction of the National Marine Fisheries Service (NOAA Fisheries) that may be found in the Ala Moana Beach Park area. We provide the following information under our statutory authorities under the Endangered Species Act of 1973, as amended, 16 U.S.C. 1531 *et seq.*, and the Marine Mammal Protection Act of 1972, as amended 16 U.S.C. 1361 *et seq.* (MMPA).

Threatened green turtles (*Chelonia mydas*), and endangered hawksbill turtles (*Eretmochelys imbricata*) occur in the waters around Oahu. Green turtles may also be found on/near the beaches of Ala Moana Beach Park. Endangered Hawaiian monk seals (*Monachus schauinslandi*) are also found in the nearshore waters and beaches of Oahu and could potentially be found in the project area.

Should you have further questions regarding protected species in Hawaiian waters under the jurisdiction of NOAA Fisheries and/or the section 7 process, please contact Margaret Akamine at (808) 973-2937 or fax (808) 973-2941.

Sincerely,

Margaret Akamine
Protected Resources Division

AKTA Ltd./ARTHUR KIMBAL THOMPSON ARCHITECT, AIA

October 8, 2003

Ms. Pua Aiu
Office of Hawaiian Affairs
711 Kapiolani Blvd, Suite 300
Honolulu, Hawaii 96813

Dear Ms. Aiu:

Subject: Ala Moana Beach Park Canoe Halau
1201 Ala Moana Boulevard
Honolulu, Hawaii 96814
TMK: 2-3-037-001

We are in the process of preparing a Draft Environmental Assessment for a new Canoe Halau at Ala Moana Beach Park and we are requesting the following information:

1. Data on any native Hawaiian practices occurring in the area.

Please find attached a TMK Map for your use in determining this.
Please don't hesitate to call if you need further information.

Thank You.

AKTA Ltd./Arthur Kimbal Thompson Architect

Stacey Shepard

Stacey Shepard
236-1373

45-1144 KAMEHAMEHA HIGHWAY, SUITE 404
KANEOHE, HAWAII 96744
(808) 236-1373 FACSIMILE: (808) 234-6484
E-MAIL: info@akta-ltd.com

PHONE (808) 594-1888

FAX (808) 594-1865

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

HRD03/1165

November 13, 2003

Stacey Shepard
AKTA Ltd.
45-1144 Kamehameha Hwy Ste 404
Kaneohe, HI 96744

Re: Ala Moana Beach Park Canoe Halau

Dear Ms. Shepard:

OHA is in receipt of your request for data on Native Hawaiian practices at Ala Moana Beach Park. OHA is not aware of any Native Hawaiian Cultural practices, such as gathering or religious ceremonies that take place on regular basis at Ala Moana Beach Park. Hawaiians, as well as people of other ethnic groups use the park to swim, picnic and exercise.

The City and County, as part of the their Bus Rapid Transit project did an excellent cultural assessment of the entire Bus Rapid Transit corridor, which included Ala Moana Beach Park. We suggest that you contact them and request to review their cultural assessment.

Thank you for this opportunity to comment. Should you have further questions please contact me at 594-1931 or by e-mail at paiu@oha.org.

Sincerely,

Pua Aiu
Policy Analyst
Native Rights and Culture

57200

DEPARTMENT OF PARKS AND RECREATION
CITY AND COUNTY OF HONOLULU
650 SOUTH KING STREET, 10TH FLOOR • HONOLULU, HAWAII 96813
TELEPHONE: (808) 523-4182 • FAX: (808) 527-5725 • INTERNET: www.co.honolulu.hi.us

JEREMY HARRIS
MAYOR

WILLIAM D. BALFOUR, JR.
DIRECTOR

EDWARD T. "SKIPPY" DIAZ
DEPUTY DIRECTOR

March 30, 2004

TO: TIMOTHY E. STEINBERGER, P.E., DIRECTOR
DEPARTMENT OF DESIGN AND CONSTRUCTION

ATTENTION: DAN TAKAMATSU

FROM: WILLIAM D. BALFOUR, JR., DIRECTOR

SUBJECT: ALA MOANA REGIONAL PARK CANOE HALAU
DRAFT ENVIRONMENTAL ASSESSMENT

2004 MAR 31 PM 4:16

Thank you for the opportunity to review and comment on the Draft Environmental Assessment relating to the Ala Moana Regional Park Canoe Halau.

The Department of Parks and Recreation has no comment on the Draft Environmental Assessment.

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

W.D. Balfour

WILLIAM D. BALFOUR, JR.
Director

WDB:mk
(40274)

APPENDIX B

Archeological Assessment
for Ala Moana Beach Park

ARCHAEOLOGICAL ASSESSMENT
FOR
ALA MOANA BEACH PARK
MAKIKI, HONOLULU, O`AHU
(TMK: 2-3-37)

Prepared by
Jessica A. Ah Sam, B.A.
and
Paul L. Cleghorn, Ph.D.

Pacific Legacy, Inc.
332 Uluniu Street
Kailua, Hawaii 96734
Phone (808) 263-4800
Fax (808) 263-4300

Prepared for
Arthur Kimball Thompson Architect A.I.A.
45-1144 Kamehameha Highway, Suite 404
Kaneohe, Hawaii 96744

October 2003

Pacific Legacy, Inc., under contract to Arthur Kimball Thompson Architect A.I.A. conducted an archaeological assessment for the proposed construction of a canoe *halau* at Ala Moana Beach Park in Honolulu. This assessment was constructed with the understanding that it will be used for the master plan study and an Environmental Assessment of the area. The assessment is required because Ala Moana Beach Park was listed in 1988 on the State Register of Historic Places as part of the City and County of Honolulu's Art Deco Parks Thematic Group. The proposed project area is in Ala Moana Beach Park located in the *ahupua`a* of Makiki, Kona district, Honolulu, O`ahu (TMK 2-3-37). The beach park is on 76 acres of land on the south side of O`ahu coast (Figure 1). Currently, the proposed project location is used to store canoes, and has two temporary equipment sheds on the project area (See Appendix A).

Prior to the development of Ala Moana Beach Park in 1928, the area served as a garbage and dump site for the City of Honolulu (United States Department of Interior, National Register of Historic Places Registration Form 1988). Once it was decided to renovate the area into a beach park the previous dump site was filled with reef material that had been dredged from Ala Moana Beach to form the mile long beach park. Part of the coral reef remains and the surrounding park premises is landscaped with palms, grass, flowering tropical trees, and a few manmade structures. These structures include a bridge, sports pavilion, dressing rooms and bathrooms. In the surrounding area outside of the park is downtown Honolulu and Waikīkī, which both have developed all the adjacent land.

After contact with the State Historic Preservation Office and reviewing reports from adjacent vicinities, no previous archaeological surveys have been carried out on the subject parcel. A search for Land Commission Awards for this area shows no Land Commission Awards in/or around the vicinity of the proposed project location. The nearest archaeological studies conducted took place across Ala Moana Boulevard in the Ward Village and Hawai`i Convention Center. These studies showed the area of Kewalo at one time, was used by Hawaiians for fishpond farming, salt making and wet-land agriculture (Winieski 2000). The archaeological data recovery conducted on the Convention Center showed that what was originally believed to be sediment from an early fishpond was in fact sand fill; therefore no historic features were found at this locale (Hammatt 1996).

Along with several other parks, Ala Moana Beach Park was nominated to The State Register of Historic Places in 1988 because of the artistic flare given to the parks structures and design by Harry Sims Bent and other architects. Bent was chosen in 1933 as the park architect for the City and County of Honolulu. With federal funding, the new designs were able to include a landscape that would promote social play and contact with nature, which previously had not been the designers' focus. Instead most playgrounds in the early twentieth century were areas for play with no creative inspiration behind them. These playgrounds consisted of large areas of pavement used to get children off of the street and had to aesthetic value.

Harry Bent's design went beyond the modern level and into the realm of art deco. In Ala Moana his works include the canal bridge, entrance portals, sports pavilion, banyan courtyard

and the lawn bowling green (United States Department of the Interior, National Register of Historic Places Inventory-Nomination Form 1988). Bent also used local materials such as coral and lava rock filler to construct the park's structures. In June 1988, Ala Moana, along with Ala Wai Park Clubhouse, Haleiwa Beach Park, Kawananakoa Playground and Mother Waldron Playground were all placed on the Hawaii Register of Historic Places (Ikeda 1988). Along with Bent's designs were also those of Charles J. W. Chamberlain, who constructed the Lester McCoy Pavilion in 1975 (See Appendix B). Sculptures inside the McCoy Pavilion were designed by Marguerite Blasingame and include human figures playing *kōnane* and musical instruments (See Appendix B).

A visual inspection was made of the proposed project area. No evidence suggesting the possibility of cultural or historic features were discovered. Photographs of the project area were taken to document the current condition of the project area (See Appendix A).

The construction of the canoe *halau* will cause minimal land disturbance, since the proposed construction site is on an open grass area. In conclusion, our investigation of the proposed project area indicates that no archaeological resources have been recorded in the project area and that there is a low potential for any subsurface archaeological remains. It does not appear that construction will affect any archaeological resources and no further archaeological work is recommended. However, if any archaeological resources, such as human remains, are found, work should cease immediately and the Historic Preservation Division should be contacted (Dr. Sara Collins at 692-8027).

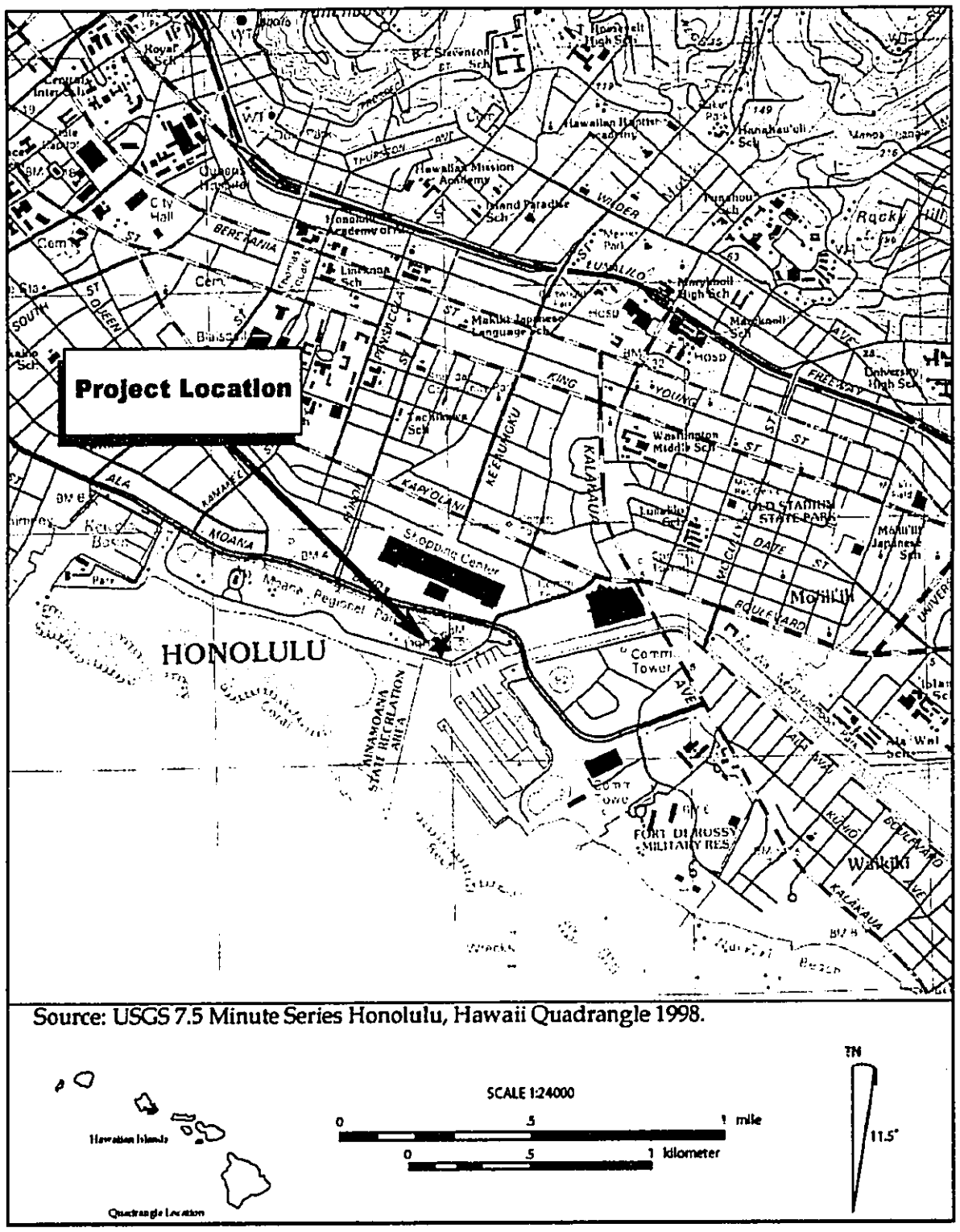


Figure 1. Proposed project location.

References Cited

Hammatt, Hallett H. and David W. Shideler
1996 Archaeological Data Recovery at the Hawai`i Convention Center Site, Waikiki, Kona District, O`ahu (TMK 2-3-35:001). On file at the State Historic Preservation Division, Kapolei.

Ikeda, Kiyoshi
1988 Hawaii/ National Register of Historic Places. Response letter to Hiram Kamaka, Director, City and County of Honolulu, Parks and Recreation Department.). On file at the State Historic Preservation Division, Kapolei.

Franzen, David
1980 Lester Mc Coy Pavilion. DLNR 119- 80/81. Ala Moana Park, Honolulu, Hawaii. Perspective view of Ewa entrance, looking mauka. 23 July 1980. On file at the State Historic Preservation Division, Kapolei.

Franzen, David
1980 Lester McCoy Pavilion. DLNR 122- 80/81. Ala Moana Park, Honolulu, Hawaii. Sculpture on the floor of the ewa entrance to courtyard; human figures motif playing checkers. Designer: Marguerite Blasingame. 23 July 1980. On file at the State Historic Preservation Division, Kapolei.

Franzen, David
1980 Lester McCoy Pavilion. DLNR 126- 80/81. Ala Moana Beach Park, Honolulu, Hawaii. Close-up of wall sculpture showing a man and woman playing nose flutes (Mauka of courtyard). Designer: Marguerite Blasingame. 23 July 1980. On file at the State Historic Preservation Division, Kapolei.

Sterling, Elspeth P., and Catherine C. Summers
1978 *Sites of O`ahu.* Bernice P. Bishop Museum Press, Honolulu.

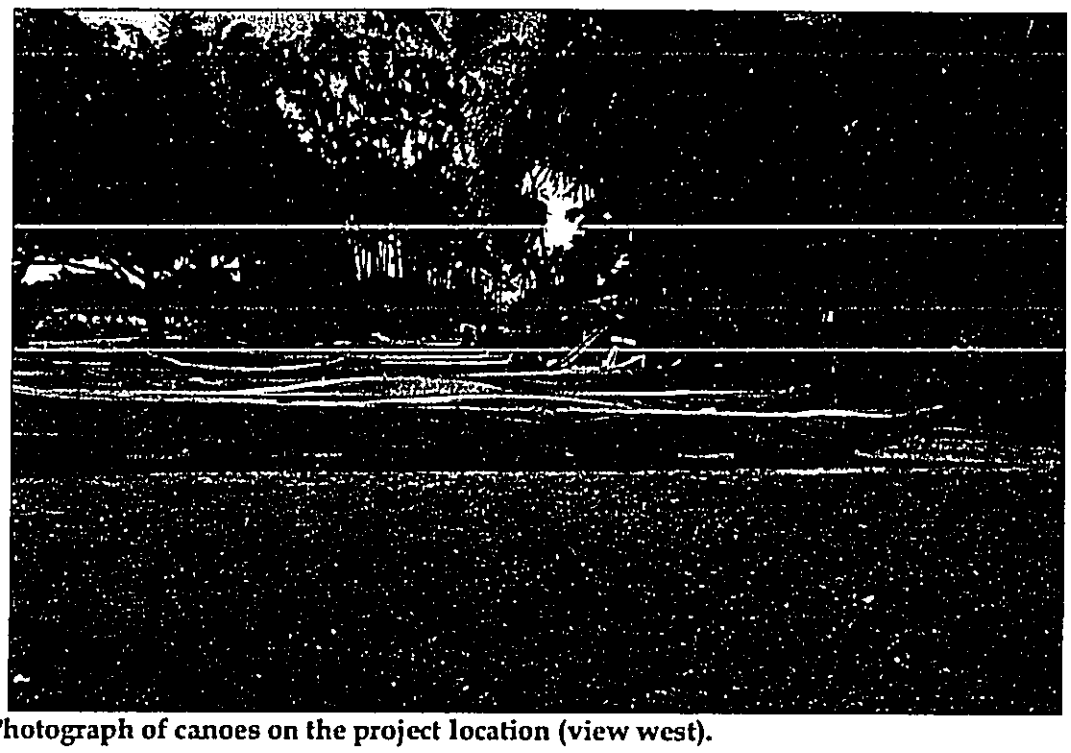
United States Department of the Interior
1988 National Park Service. National Register of Historic Places Registration Form. Prepared by Don Hibbard, State Historic Preservation Office for Nomination of Ala Moana Beach Park into the Hawaii Register of Historic Places under the Art Deco Parks Thematic Group.). On file at the State Historic Preservation Division, Kapolei.

United States Department of the Interior
1988 National Park Service. National Register of Historic Places Inventory- Nomination Form. Prepared by Don Hibbard, Department of Land and Natural Resources, Honolulu, Hawai`i.). On file at the State Historic Preservation Division, Kapolei.

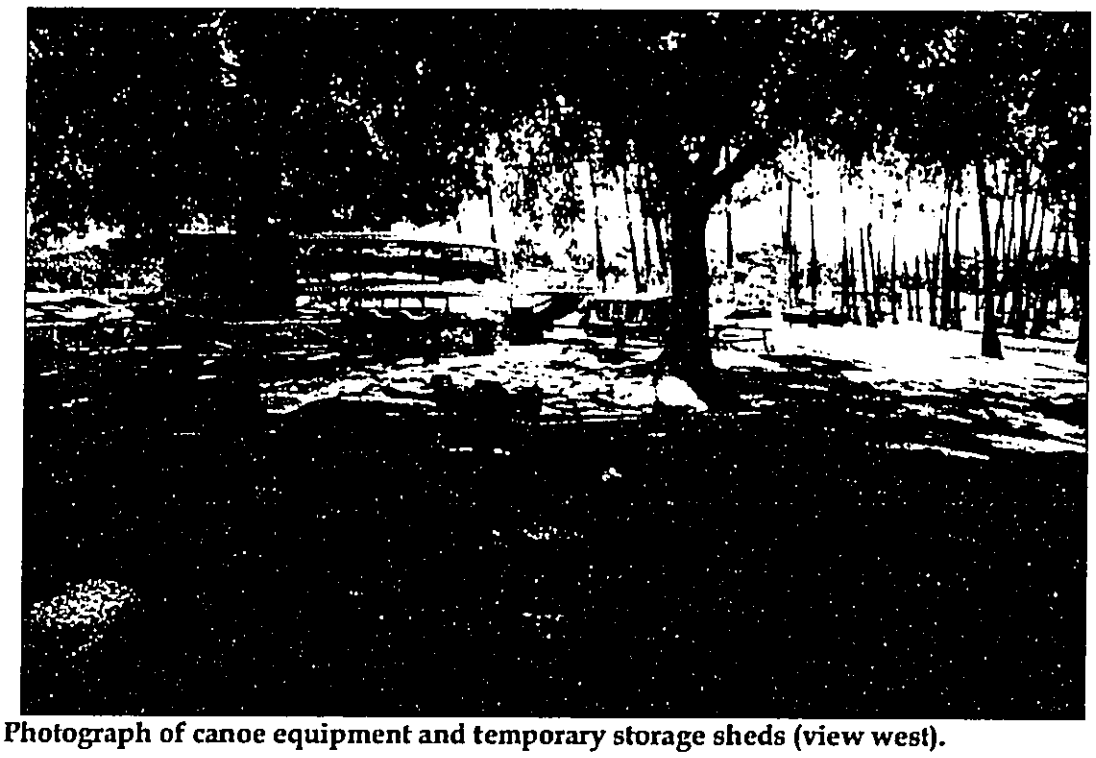
Winieski, John and Hallett H. Hammatt
2000 Archaeological Monitoring Plan for Ward Village, Phase 11, (Ward Theaters), Kaka`ako, Honolulu, O`ahu, Hawai`i (TMK 2-3-02:1).). On file at the State Historic Preservation Division, Kapolei.

APPENDIX A

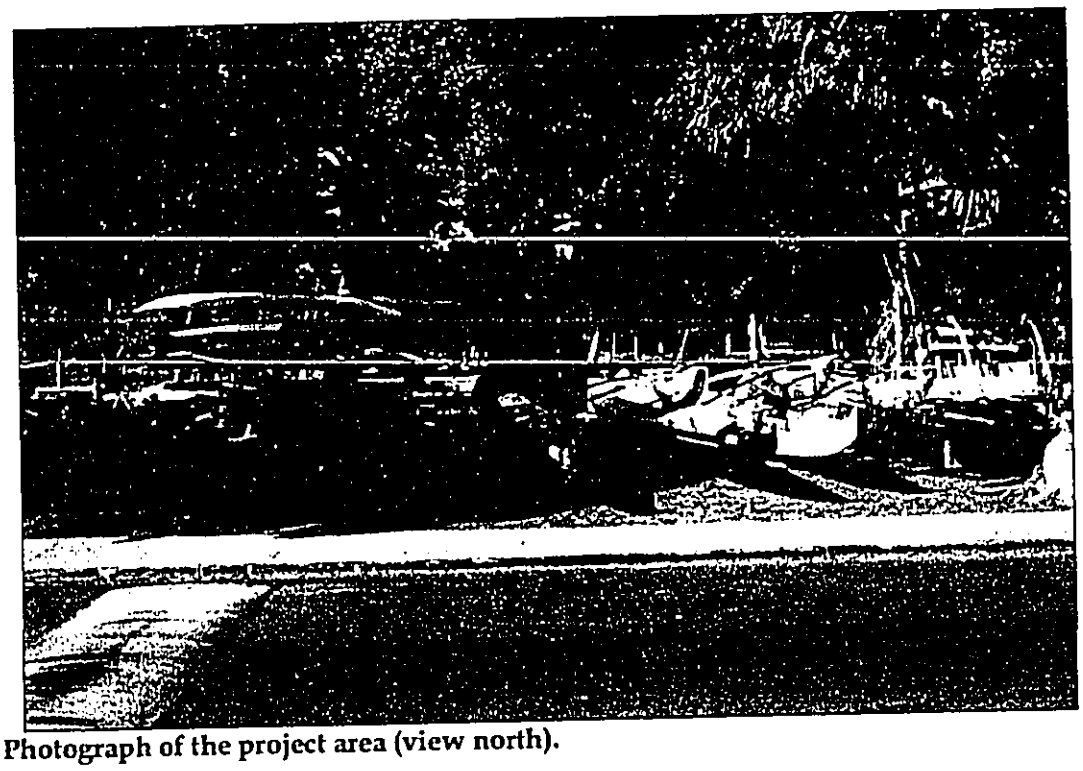
PHOTOGRAPHS OF THE PROJECT AREA



Photograph of canoes on the project location (view west).



Photograph of canoe equipment and temporary storage sheds (view west).

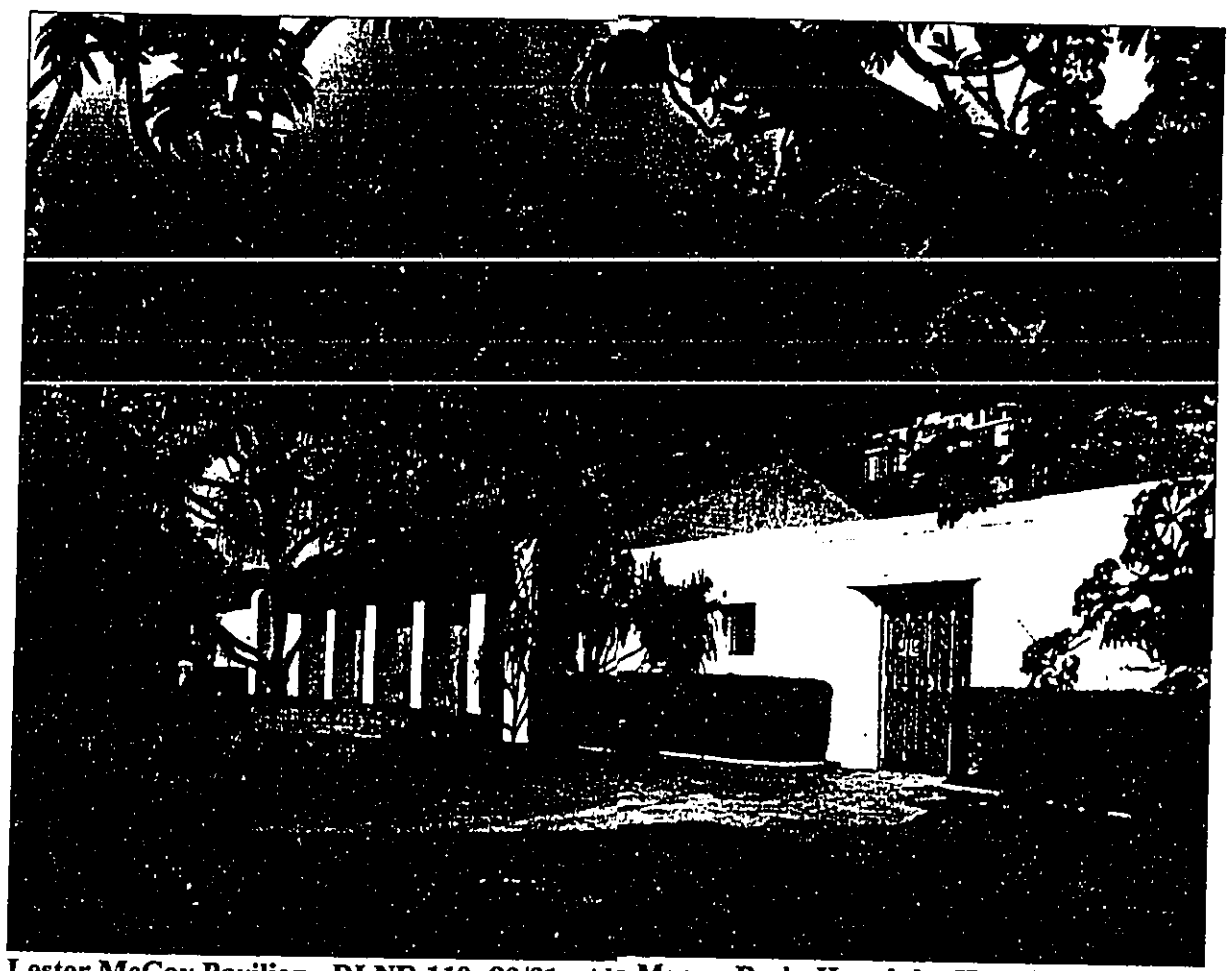


Photograph of the project area (view north).

Photograph of a temporary storage shed, canoes and boat on the project location (view southwest).

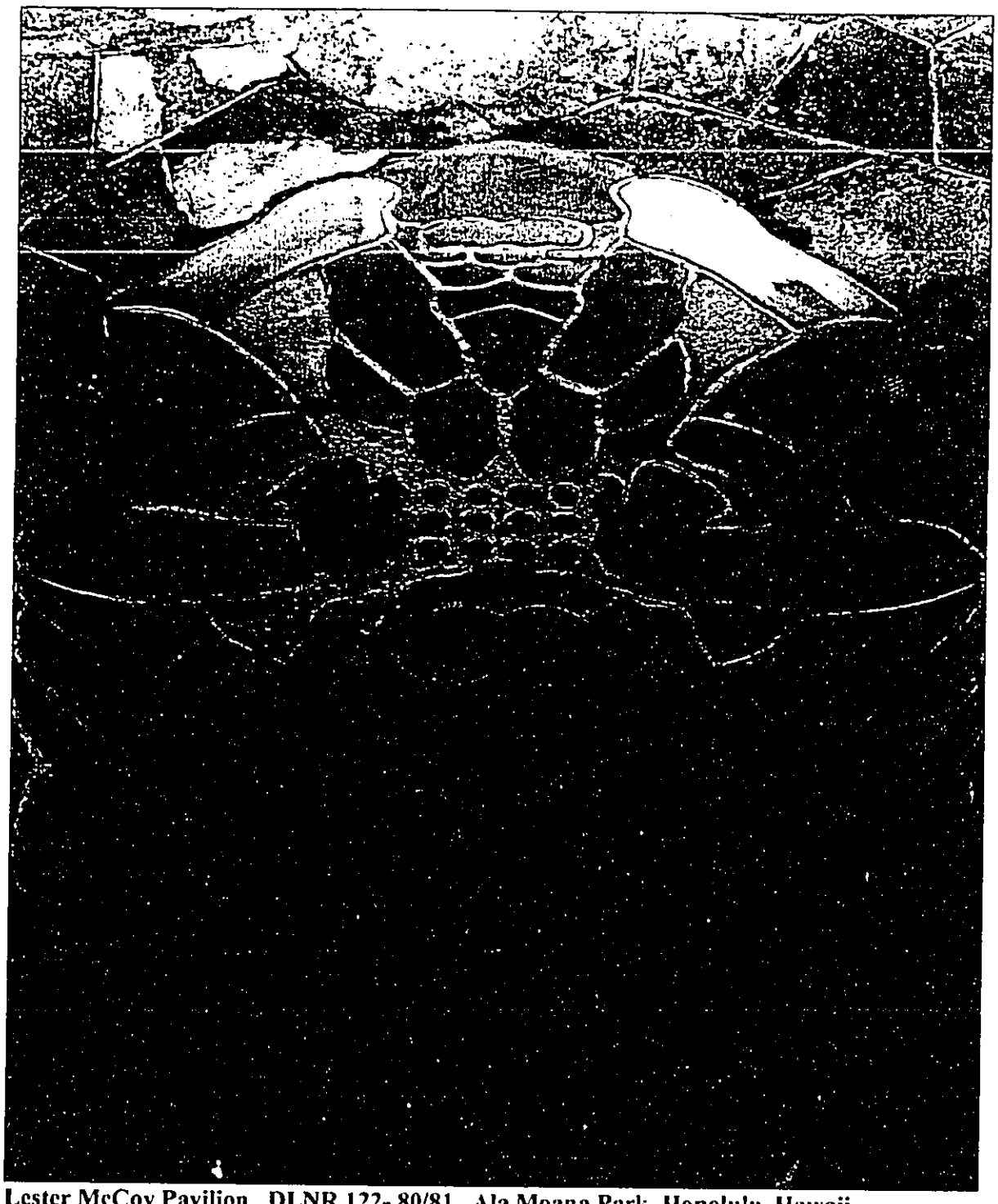
APPENDIX B

PHOTOGRAPHS FROM THE NATIONAL REGISTER OF HISTORIC PLACES INVENTORY- NOMINATION FORM



Lester McCoy Pavilion. DLNR 119- 80/81. Ala Moana Park, Honolulu, Hawaii.
Perspective view of Ewa entrance, looking mauka. 23 July 1980.

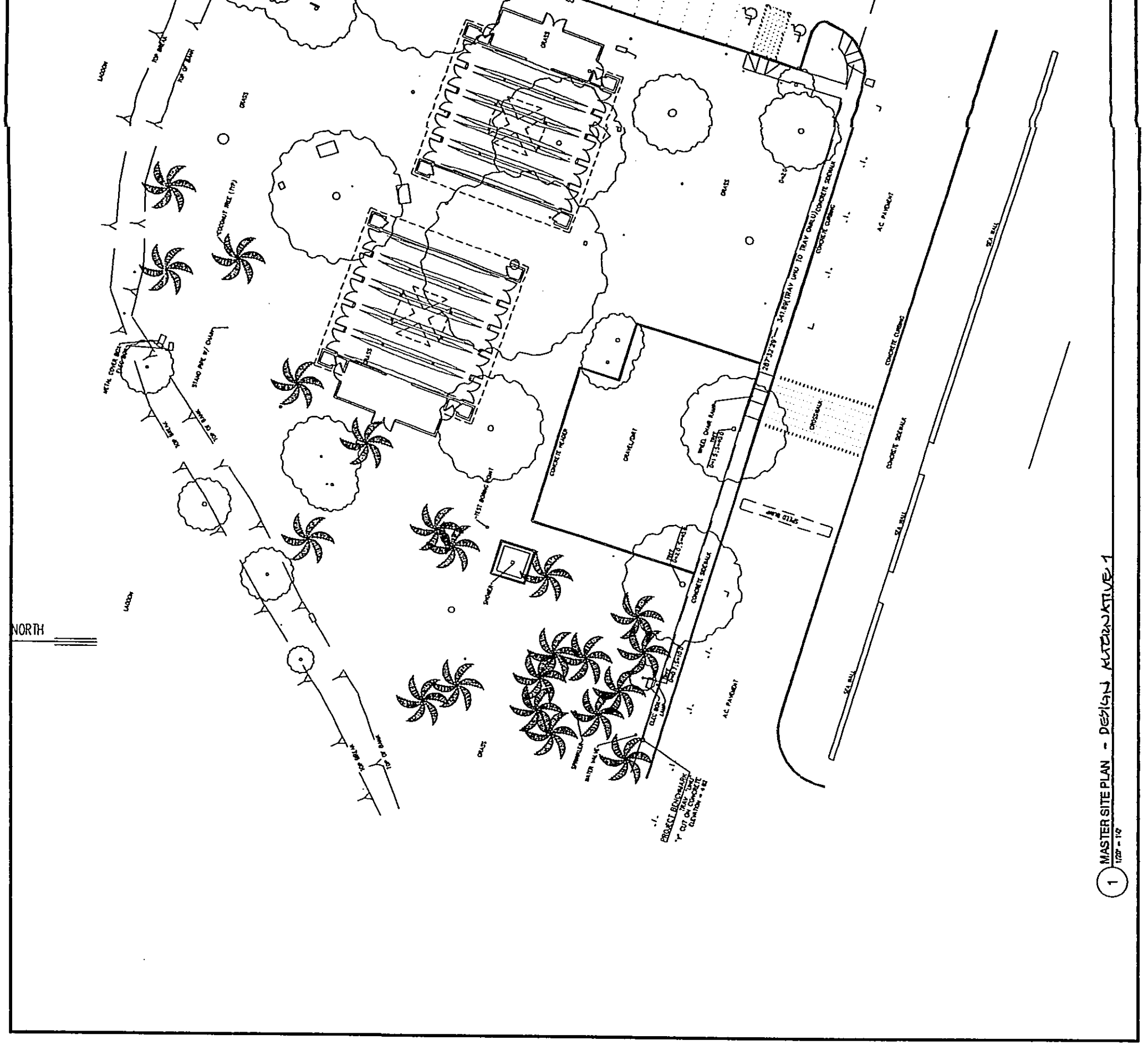
Lester McCoy Pavilion. DLNR 126- 80/81. Ala Moana Beach Park, Honolulu, Hawaii. Close-up of wall sculpture showing a man and woman playing nose flutes (Mauka of courtyard). Designer: Marguerite Blasingame. 23 July 1980.



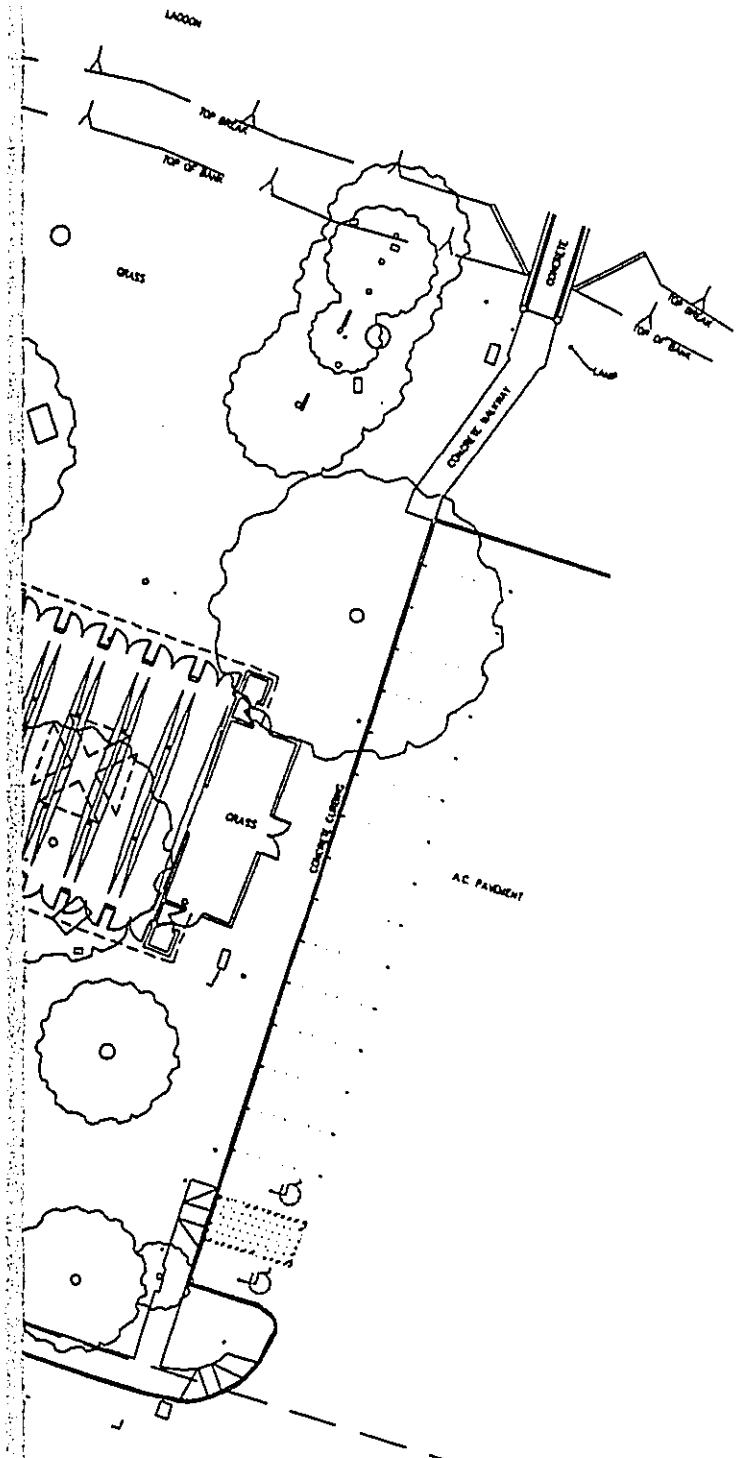
Lester McCoy Pavilion. DLNR 122- 80/81. Ala Moana Park, Honolulu, Hawaii. Sculpture on the floor of the ewa entrance to courtyard; human figures motif playing checkers. Designer: Marguerite Blasingame. 23 July 1980.

APPENDIX C

Site Plan



1 MASTER SITE PLAN - DESIGN ALTERNATIVE 1
1/20" = 1'-0"



REVISION	DATE	DESCRIPTION	MADE BY	APPROV

DEPARTMENT OF DESIGN AND CONSTRUCTION
CITY & COUNTY OF HONOLULU

CANOE HALAU MASTER PLAN
FOR
ALA MOANA REGIONAL PARK

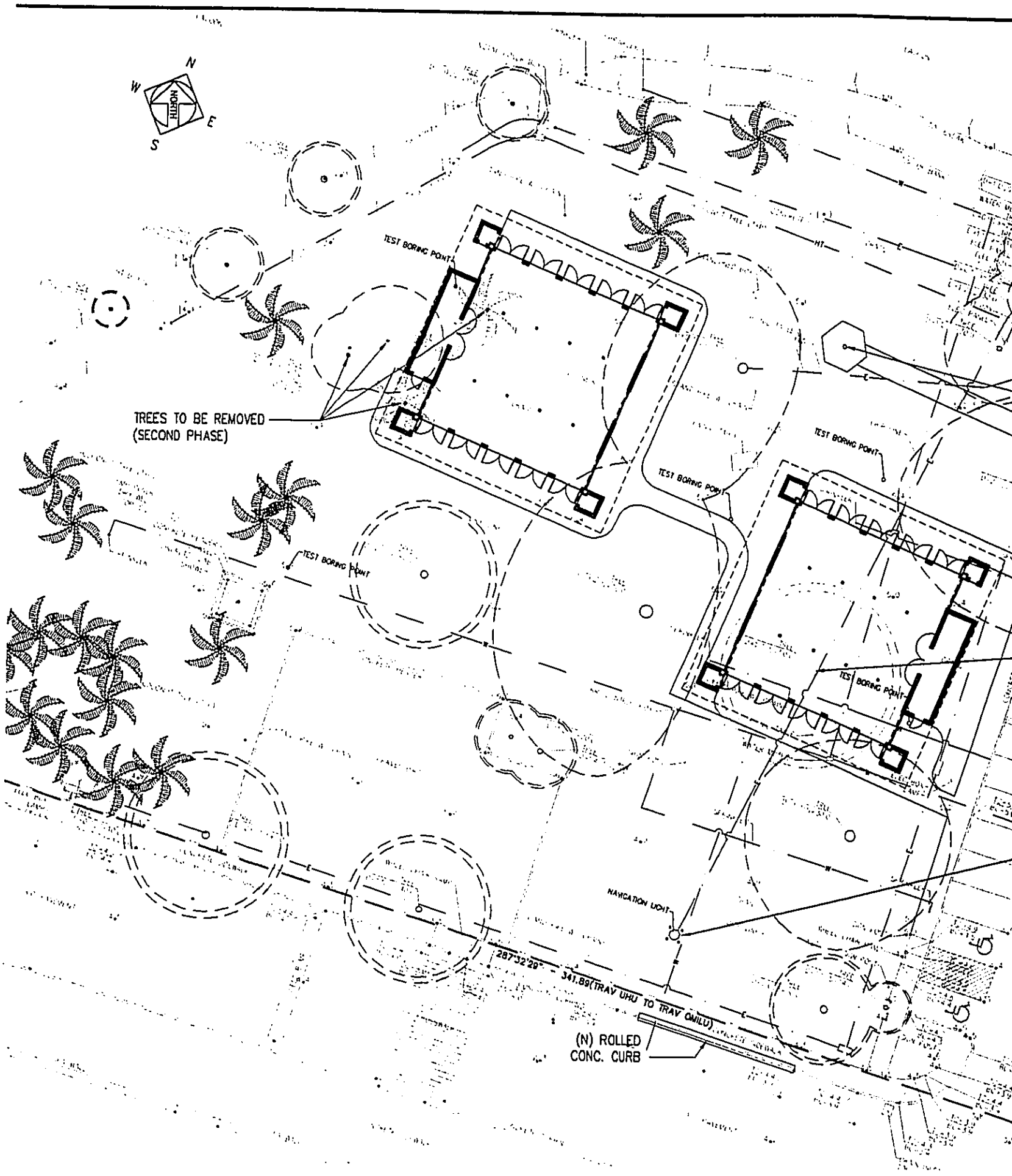
HONOLULU OAHU HAWAII
TAX MAP KEY: 2-3-37-001:0000

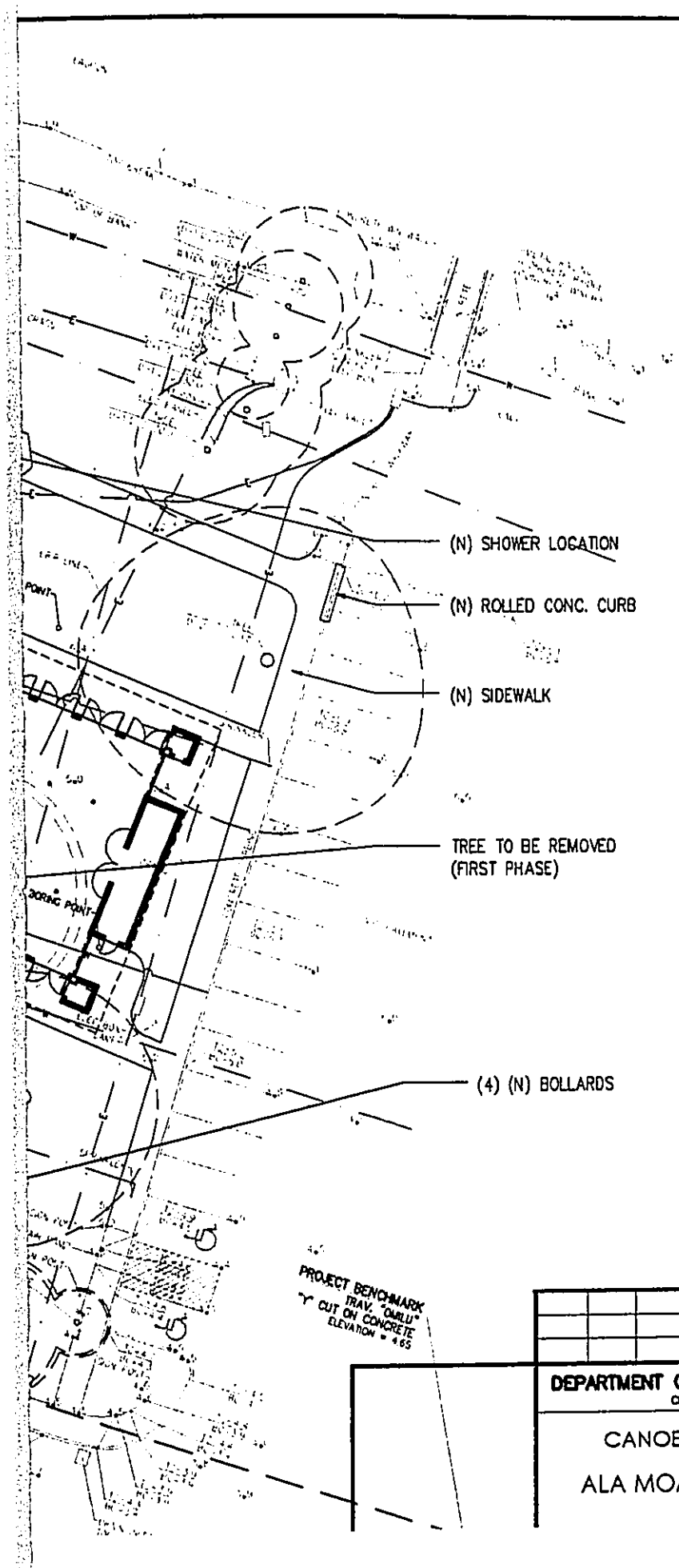
APPROVED:

Director, Department of Design and Construction — Date

CONCUR:

Director, Department of Parks and Recreation — Date


N
W
NORTH
E
S
TEST BORING POINT
TREES TO BE REMOVED
(SECOND PHASE)
TEST BORING POINT
TEST BORING POINT
TEST BORING POINT
TEST BORING POINT
NAVIGATION LIGHT
287°32'29" - 341.89'(TRAV UHU TO TRAV OMILU)
(N) ROLLED
CONC. CURB



DEPARTMENT OF DESIGN AND CONSTRUCTION
CITY & COUNTY OF HONOLULU

CANOE HALAU MASTER PLAN
FOR
ALA MOANA REGIONAL PARK

HONOLULU, OAHU, HAWAII
TAX MAP KEY: 2-3-37-001:0000

APPENDIX D

Flood Determination Study

DEPARTMENT OF THE ARMY
U.S. ARMY ENGINEER DISTRICT, HONOLULU
BUILDING 223
FORT SHAFTER, HAWAII 96858-5440

REPLY TO
ATTENTION OF: CEPOH-EC-T

June 8, 2004

Civil Works Technical Branch

Ms. Camilla Blomquist
AKTA Limited
45-1144 Kamehameha Highway, Suite 404
Kaneohe, Hawaii 96744

Dear Ms. Blomquist:

As requested on June 4, 2004, I am enclosing flood hazard information for property located at 1201 Ala Moana Boulevard (Tax Map Key 2-3-37: 1). A copy of the Flood Plain Management Services Checklist is also provided for your information.

According to the Flood Insurance Rate Map (FIRM), Panel #15003C0390E dated November 20, 2000, the parcel lies in the following zones:

Zone AE (areas inundated by the 100-year flood). The base flood elevation for this area ranges from 4 to 5 feet above mean sea level (msl).

Zone A (areas inundated by the 100-year flood; base flood elevations and flood hazard factors not determined).

The Zone A designation of the project parcel was determined from coastal flooding (storm surge and wave runup) generated by hurricanes. The Federal Emergency Management Agency used the results from the U.S. Army Corps of Engineers' 1985 report titled "Hurricane Vulnerability Study for Honolulu, Hawaii and Vicinity, Volume 2, Determination of Coastal Inundation Limits for Southern Oahu from Barbers Point to Koko Head," to designate coastal Zone A areas shown on the current FIRM. The subject parcel lies between profiles #45 and #48 where the approximate base flood elevation is estimated to be 6.4 feet above mean sea level datum.

The differences between the base flood elevations in Zone AE (4 to 5 feet msl) and Zone A (6.4 feet msl) is due to the large size of the entire parcel for which they were calculated using profiles 45 to 48 (4.5 to 7.1 feet msl, respectively). Although the project site is closer to profile number 45, we had to run the calculations on the entire project reach.

In addition, this property is considered to be within the City and County of Honolulu's flood fringe district. Building requirements should conform to standards defined in the City and County of Honolulu's Land Use Ordinance, which is available for review at the Department of Planning and Permitting (telephone: 523-4247).

This letter also acknowledges receipt of your $105.00 payment for the information provided. Should you have any questions, please call Ms. Jessie Dobinchick of my staff at 438-8876.

Sincerely,

for James Pennaz, P.E.
Chief, Civil Works
Technical Branch

Enclosures

NATIONAL FLOOD INSURANCE PROGRAM

FIRM

FLOOD INSURANCE RATE MAP

CITY AND COUNTY OF HONOLULU, HAWAII

PANEL 365 OF 395

(SEE MAP INDEX FOR PANELS NOT PRINTED)

CONTAINS: COMMUNITY	NUMBER	PANEL	SUFFIX
HONOLULU, CITY AND COUNTY OF	150001	0365	E

MAP NUMBER
15003C0365 E

EFFECTIVE DATE:
NOVEMBER 20, 2000

LEGEND

SPECIAL FLOOD HAZARD AREAS INUNDATED BY 100-YEAR FLOOD

ZONE A No base flood elevations determined.

ZONE AE Base flood elevations determined.

ZONE AH Flood depths of 1 to 3 feet (usually areas of ponding); base flood elevations determined.

ZONE AO Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths determined. For areas of alluvial fan flooding, velocities also determined.

ZONE A99 To be protected from 100-year flood by Federal flood protection system under construction ; no base flood elevations determined.

ZONE V Coastal flood with velocity hazard (wave action); no base flood elevations determined.

ZONE VE Coastal flood with velocity hazard (wave action); base flood elevations determined.

FLOODWAY AREAS IN ZONE AE

OTHER FLOOD AREAS

ZONE X Areas of 500-year flood; areas of 100-year flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 100-year flood.

OTHER AREAS

ZONE X Areas determined to be outside 500-year floodplain.

ZONE D Areas in which flood hazards are undetermined.

UNDEVELOPED COASTAL BARRIERS

Identified 1983 | Identified 1990 | Otherwise Protected Areas

Coastal barrier areas are normally located within or adjacent to Special Flood Hazard Areas.

Floodplain Boundary

Floodway Boundary

Zone D Boundary

Boundary Dividing Special Flood Hazard Zones, and Boundary Dividing Areas of Different Coastal Base Flood Elevations Within Special Flood Hazard Zones.

513 Base Flood Elevation Line; Elevation in Feet. See Map Index for Elevation Datum

D D Cross Section Line

(EL 987) Base Flood Elevation in Feet Where Uniform Within Zone. See Map Index for Elevation Datum

RM7 × Elevation Reference Mark

• M2 River Mile

97°07'30", 32°22'30" Horizontal Coordinates Based on North American Datum of 1927 (NAD 27) Projection.

NOTES

This map is for use in administering the National Flood Insurance Program. It does not necessarily identify all areas subject to flooding, particularly from local drainage sources of small size, or all planimetric features outside Special Flood Hazard Areas. The community map repository should be consulted for more detailed data on BFE's, and for any information on floodway delineations, prior to use of this map for property purchase or construction purposes.

Areas of Special Flood Hazard (100-year flood) include Zones A, AE, A1-A30, AH, AO, A99, V, VE and V1-V30.

Certain areas not in Special Flood Hazard Areas may be protected by flood control structures.

Boundaries of the floodways were computed at cross sections and interpolated between cross sections. The floodways were based on hydraulic considerations with regard to requirements of the Federal Emergency Management Agency.

Floodway widths in some areas may be too narrow to show to scale. Refer to Floodway Data Table where floodway width is shown at 1/20 inch.

Coastal base flood elevations apply only landward of 0.0 NGVD, and include the effects of wave action, these elevations may also differ significantly from those developed by the National Weather Service for hurricane evacuation planning.

Corporate limits shown are current as of the date of this map. The user should contact appropriate community officials to determine if corporate limits have changed subsequent to the issuance of this map.

This map may incorporate approximate boundaries of Coastal Barrier Resource System Units and /or Otherwise Protected Areas established under the Coastal Barrier Improvement Act of 1990 (PL 101-591).

For community map revision history prior to countywide mapping, see Section 6.0 of the Flood Insurance Study Report.

For adjoining map panels and base map source see separately printed Map Index.

Elevation reference mark descriptions for this panel are located on panel 150C3C0340E.

MAP REPOSITORY

Refer to Repository Listing on Map Index

EFFECTIVE DATE OF COUNTYWIDE FLOOD INSURANCE RATE MAP:

NOVEMBER 20, 2000

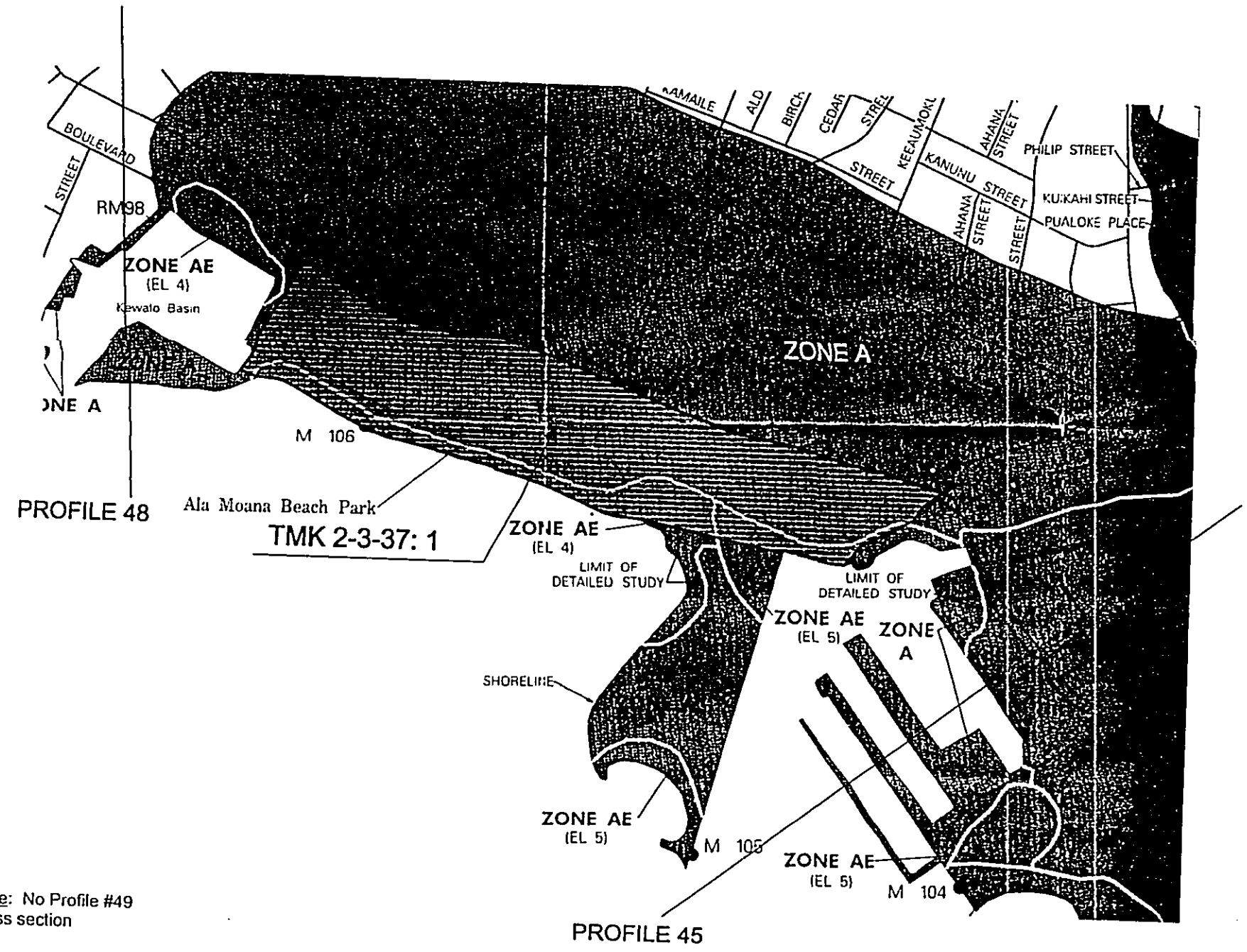
EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL:

Refer to the FLOOD INSURANCE RATE MAP EFFECTIVE DATE shown on this map to determine when actuarial rates apply to structures in zones where elevations or depths have been established.

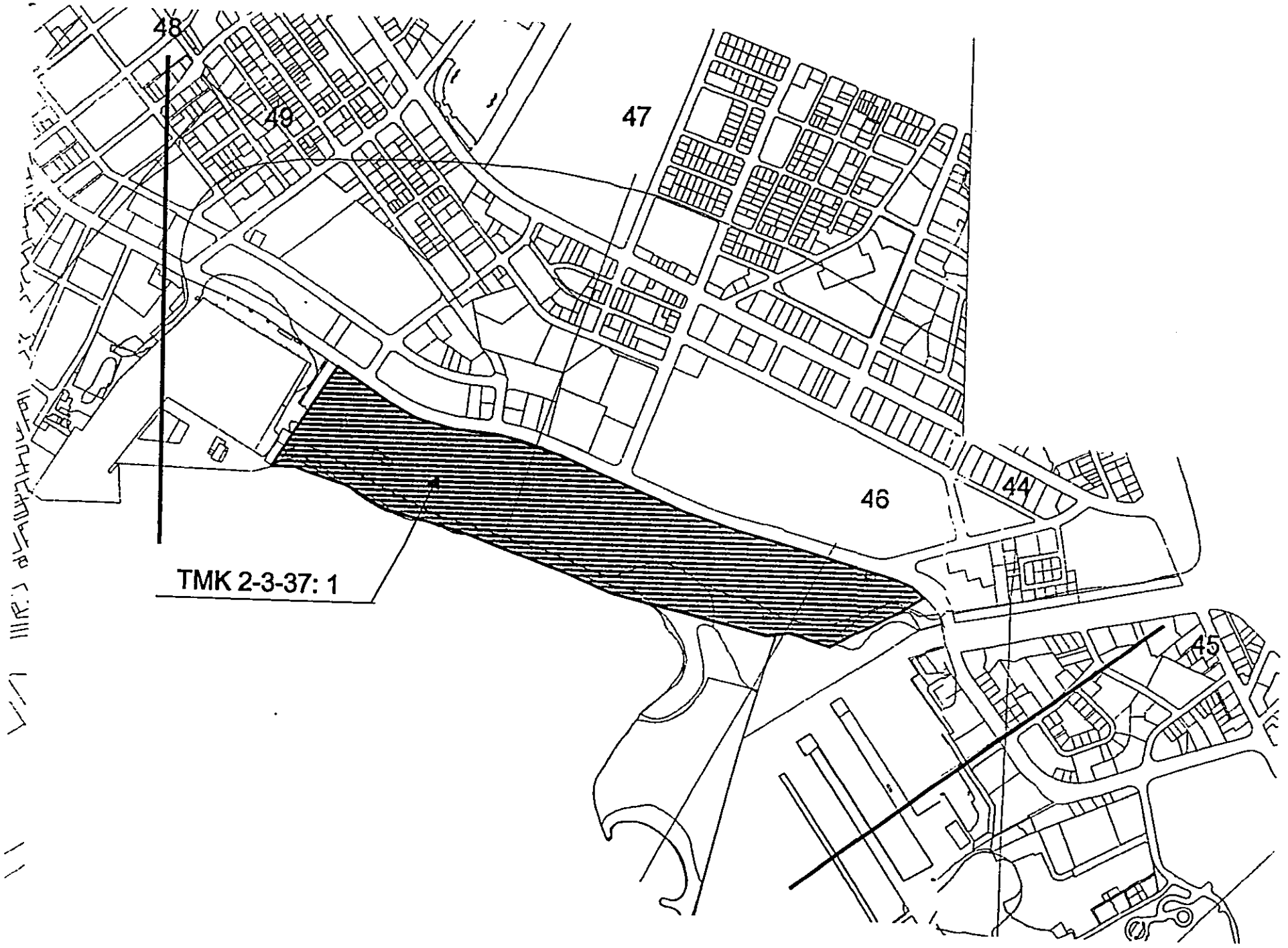
To determine if flood insurance is available, contact an insurance agent or call the National Flood Insurance Program at (800) 638-6620.

APPROXIMATE SCALE IN FEET

1000 0 1000



Note: No Profile #49
cross section


48
49
47
46
44
45
TMK 2-3-37: 1

HURRICANE VULNERABILITY STUDY
FOR HONOLULU, HAWAII, AND VICINITY

VOLUME 2
DETERMINATION OF COASTAL INUNDATION LIMITS FOR SOUTHERN OAHU FROM BARBERS POINT TO KOKO HEAD

PREPARED FOR THE
STATE OF HAWAII
DEPARTMENT OF DEFENSE

May 1985

US ARMY CORPS
OF ENGINEERS
Pacific Ocean Division

Table 6-4

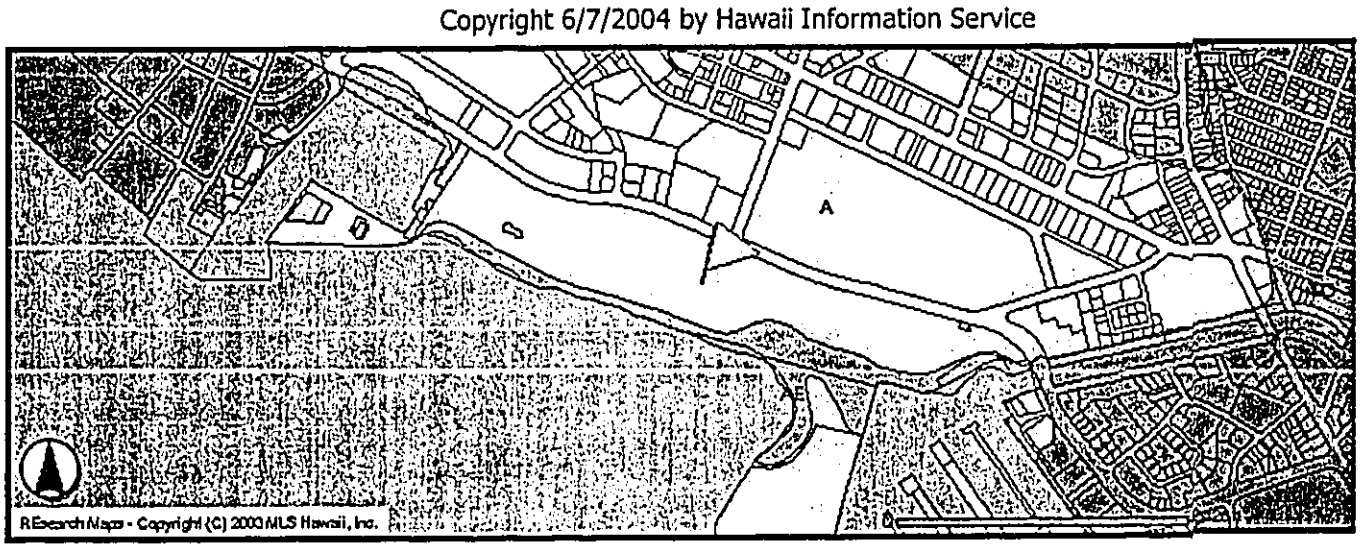
SUMMARY OF RUN-UP AND FLOOD LIMITS

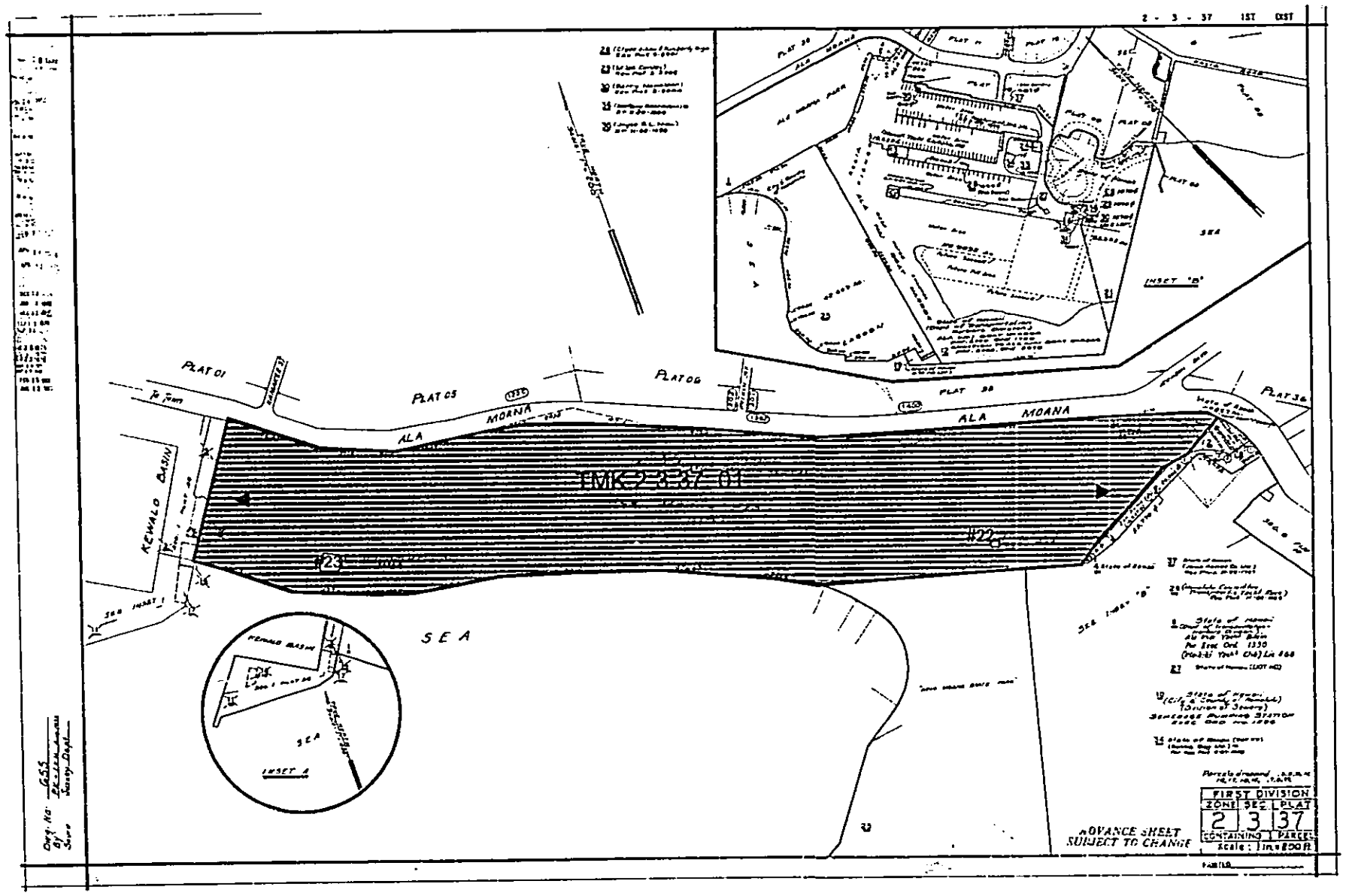
RUN-UP/INUNDATION LIMITS
(Dimensions - feet)

SCENARIO #3: (SW Model)

Profile	Distance	*Elevation (MLLW)	Profile	Distance	*Elevation (MLLW)
1	66	15.0	37	256	8.6
2	70	15.0	38	242	8.5
3	75	10.3	39	212	8.6
4	397	7.4	40	5400	8.6
5	520	7.2	41	4700	7.5
6	1650	6.6	42	4700	7.4
7	708	7.1	43	5100	7.4
8	1200	6.0	44	4200	7.7
9	727	6.9	45	5400	7.9
10	2400	7.0	46	5000	8.2
11	721	8.3	47	3000	7.5
12	313	6.8	48	1000	5.3
13	300	7.1	49	25	15.0
14	67	9.3	50	17	14.7
15	980	7.1	51	500	7.5
16	400	9.0	52	800	8.6
17	203	8.1	53	2500	6.7
18	153	7.8	54	800	6.3
19	137	9.1	55	16	10.6
20	1755	8.0	56	19	12.8
21	1380	7.8	57	28	18.8
22	1300	7.2	57a	2200	5.8
23	149	7.7	57b	2350	5.3
24	58	10.2	58	180	6.0
25	43	10.8	59	3000	10.7
26	29	11.2	60	800	5.0
27	40	14.9	61	1200	6.5
28	110	9.0	62	1350	6.2
29	64	10.2	63	54	10.6
30	66	11.8	64	88	10.6
31	66	11.5	65	900	7.6
32	57	11.1	66	710	7.3
33	167	8.6	67	53	9.2
34	266	8.2	68	84	9.6
35	237	8.1	69	144	11.6
36	200	9.5	70	50	10.8
			71	82	9.1

*Subtract 0.8 to obtain MSL




2 - 3 - 37 1ST DIST
PLAT 01
PLAT 05
PLAT 06
PLAT 36
ALA MOANA
ALA MOANA
TMK 2-3-37 01
#22
#23
KEWALO BASIN
SEA
INSET A
INSET B
SEA
FIRST DIVISION
ZONE SEC. PLAT
2 3 37
CONTAINING PARCEL
Scale: 1in.=200ft.
ADVANCE SHEET
SUBJECT TO CHANGE