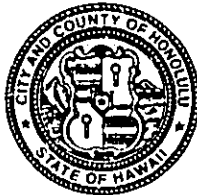


DEPARTMENT OF PLANNING AND PERMITTING
CITY AND COUNTY OF HONOLULU

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

JEREMY HARRIS
MAYOR



RECEIVED

RANDALL K. FUJIKI, AIA
DIRECTOR

LORETTA K.C. CHEE
DEPUTY DIRECTOR

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October 6, 2000
OFFICE OF ENVIRONMENTAL QUALITY CONTROL
2000/SMA-53 (ASK)

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

Dear Ms. Salmonson:

Chapter 343 Revised Ordinances of Honolulu
Environmental Assessment (EA)/Determination
Finding of No Significant Impact

Recorded Owner : City and County of Honolulu
Applicant : Department of Design and construction
Agent : Eugene P. Dashiell, ACP, Environmental
Planning
Location : 55-205 Kamehameha Highway, Laie
Tax Map Key : 5-5-1: 48, 49, and 50
Request : Special Management Area Use Permit
Proposal : Laie Beach Park Site Improvements Master
Plan
Determination : A Finding of No Significant Impact is
Issued

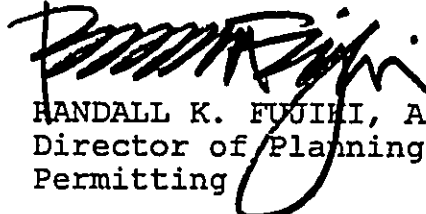
Attached and incorporated by reference is the Final EA prepared by the applicant for the project. Based on the significance criteria outlined in Title 11, Chapter 200, Hawaii Administrative Rules, we have determined that preparation of an Environmental Impact Statement is not required.

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Ms. Genevieve Salmonson, Director
Page 2
October 6, 2000

We have enclosed a completed OEQC Bulletin Publication Form and four copies of the Final EA. If you have any questions, please contact Ardis Shaw-Kim of our staff at 575-5349.

Sincerely yours,


RANDALL K. FUJII, AIA
Director of Planning and
Permitting

RKF:nt
Encls.

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FINAL COPY



ENVIRONMENTAL ASSESSMENT

Lā'ie Beach Park Improvements and Master Plan

Departments of Parks & Recreation, Design & Construction • City and County of Honolulu,
October 2000



ENVIRONMENTAL ASSESSMENT

Lā'ie Beach Park Improvements

Departments of Parks and Recreation • Design and Construction
City and County of Honolulu

October 2000

Prepared by:

Eugene P. Dashiell, AICP
Environmental Planning Services
1314 South King Street, Suite 951
Honolulu, Hawai'i 96814
Telephone/Fax: 593-8330

For:

Austin Tsutsumi and Associates
501 Sumner Street, Suite 521
Honolulu, Hawai'i 96817-5031

Lā'ie Beach Park Site Improvements Master Plan: Summary Sheet

Project: This Environmental Assessment covers a master plan and proposed site improvements to Lā'ie Beach Park. The proposed improvements are described in a master plan which has evolved from vision team meetings in the community. The improvements would be constructed over a period of time, in two or more phases. Improvements to be constructed in the initial phase include paving of the existing parking lot, replacement of parking lot barriers with more esthetically appealing materials, landscaping and an irrigation system appurtenant to the parking lot, and an outdoor shower near the parking lot. Improvements to be implemented in later phases include a comfort station, septic tank and leaching field; additional plantings of vegetation in various locations; installation of several picnic tables; minor erosion control to reduce loss of sand from the beach backshore berm such as use of geo-textile fabric or other materials to protect foot paths to beach and sand bags, gabions or other materials to protect several trees. Also included in the master plan, and covered in this EA is management of an approximately one acre area of vegetation and historic sites. Vegetation management measures include limiting clearing techniques to the use of hand tools or chainsaws and excluding use of heavy equipment. Such measures will also serve to protect and preserve historic sites within this area. Historic site management includes protection of sites from heavy equipment so that interpretation, evaluation, restoration, or other approaches may be undertaken, possibly through community-based archaeology in cooperation with the State Historic Preservation Division, and with community interests.

Location	Ko'olauloa, O'ahu, Hawai'i , City and County of Honolulu
Tax Map Key	5-5-01:48, 49, & 50
Project Site	4.54 Acres total area
State Land Use District & Zoning	Urban Land Use District; P-2 Zoning
Ownership	City and County of Honolulu
Neighborhood Board/Council Dist.	Neighborhood Board 28; Council District 2
Approving Agency	Department of Planning and Permitting, 650 South King Street, Honolulu, Hawai'i 96813
Proposing Agency	Department of Design and Construction, 650 South King Street, Honolulu, Hawai'i 96813
Consultant	Austin Tsutsumi & Assoc., Don Fujii (Project Manager), 501 Sumner St., STE 521, Honolulu, Hawai'i 96817-5031; Telephone: (808) 533-3646
Associated Consultant	Eugene P. Dashiell, AICP, Environmental Planning, 1314 South King St., Suite 951; Honolulu, Hawai'i 96814; Telephone: (808) 593-8330; E-mail, dashiell@lava.net; URL, www.lava.net/environmental-planning.
Required Permits and Approvals	Special Management Area Permit (Major), waiver of setback requirements (P-2 zoning) for parking lot improvements between the parking lot and the highway, City and County of Honolulu, Department of Planning and Permitting; Disability and Communication Access Board

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1 Description of the Proposed Action

- 1.1 **Technical characteristics.** This section describes the location and purpose of the project and how it would be accomplished.
- 1.1.1 **Project background.** The City and County of Honolulu, Department of Parks and Recreation, proposes to construct improvements to Lā'ie Beach Park, located on O'ahu's northeastern shore. The work would be done in more than one phase. The first phase of proposed improvements include paving of the existing parking lot, replacement of parking lot barriers with more esthetically pleasing materials, construction of an outdoor shower, and installation of landscaping and an irrigation system adjacent to the parking lot. Later improvements would include construction of a comfort station, septic tank and leaching field; water line upgrades; added vegetation and landscape plants; a few picnic tables; minor beach berm backshore sand erosion control measures including use of geo-textile fabric or other materials to protect foot paths to beach; and, possibly sandbags or gabions to protect eroding roots of a few trees. An Managed Area (approximately one acre) would be included in the park to preserve and enhance the existing assembly of beach plants including a community favorite used for *lei* -- the *red maunaloa* flower and vine -- and to preserve the historic sites within the vegetation area. Such sites may be studied later, or be part of a community-based archaeology project.
- 1.1.2 **Location and purpose of the project.** The project site is located along the north east shore of O'ahu, near the community of Lā'ie. (Figure 1). The project limits are defined by three parcels of land (Appendix A). At present, the park is unimproved. It's parking lot is unpaved and not landscaped. It has no comfort station or shower. A somewhat newly added parcel requires management to protect vegetation (especially the *red Maunaloa* flower and vine) of interest to the community and local culture, and also to preserve and protect historic sites within the parcel.
- 1.1.4 **How the project will be accomplished.** The construction activities will be accomplished in two or more phases. The first phase included preparation of the master plan and environmental assessment, and also will include paving of the parking lot, placement of an irrigation system and landscaping adjacent to the parking lot, and installation of an open shower. In a later phase or phases the following will be done: A comfort station, septic tank, and leaching field will be constructed; picnic tables (approximately three) will be installed; additional vegetation will be planted, especially to expand the *naupaka* "hedge" between the park and the highway; sand erosion control measures will may be installed especially in the beach berm back shore area to reduce the loss of sand from foot paths crossing the berm to the beach, and to protect a few tree roots which are badly eroded; management of the Managed Area will be undertaken through combined efforts of the Department of Parks and Recreation and the community.

First Phase - Parking Lot Paving, Landscaping and Outdoor Shower: The existing parking lot will be paved with asphalt. The existing lot has space for approximately 42 stalls plus parking for vehicles of disabled persons. In conjunction with the paving work, the existing cut-off pile and old utility pole barriers will be replaced with more esthetic materials which will primarily consist of a masonry wall, about 18 inches in height and one foot in width at the top. The outside perimeter of the parking lot will be landscaped and an irrigation system installed. Parking lot lights of the sodium-type to match the existing Highway lights will be installed. The parking lot will include standards at the entry-way to

lock the parking lot with a chain at night. An outdoor shower will be installed. Three picnic tables will be installed, all will be at a suitable height for disabled access, and one will be accessible to wheelchairs directly from the parking lot, while the other two will be placed at locations selected jointly by the community and the Parks Department. Access for the disabled will be provided via paved sidewalks from the parking lot to an accessible picnic table and to the shower. New water line will be installed for the shower and irrigation system. Trees will be planted (approximately 8) along the parking lot.

Second and/or later phases – Comfort Station, Septic Tank and Leaching Field: The proposed comfort station, septic tank and leaching field will be constructed because there is no existing comfort station nor are their municipal sewer lines at the park or at the site. The master plan (Appendix A) shows and proposed location for the comfort station. The septic tank and leaching will be constructed adjacent to the comfort station. Hook-ups to the private sewage collection and treatment system in Laie are unlikely because of the distance from the park to the system – a distance of about 1/4th mile. The Comfort Station is located adjacent to the parking lot and will be accessible by wheel chairs via paved sidewalks. A new water line will be installed to service the comfort station.

Second and/or later phases – Miscellaneous Components: Working with the community, the Department of Parks and Recreation will: Install a few (approximately three) picnic benches within the park beneath existing shade trees; consider installation of sand erosion control materials to reduce loss of sand along foot paths from the park to the beach over the beach berm backshore, and also to protect eroding tree roots at several locations; add plants to selected areas within the park, notably along the border between the park and the highway where existing stands of *naupaka* can be expanded; and relocate the bus stop to a site near the parking lot. Accessible will be addressed during design of the second phase picnic tables and accessible picnic tables will have been provided in the first phase.

Second and/or later phases – Managed Area: Working with the community, the Department of Parks and Recreation will manage a portion of the area known as "Pounders" where an excellent example of mixed plant species survives (Appendix B, Botanical Report) and provides an opportunity for the public to explore. Community members desired preservation of this area particularly to assure continued growth of the *red Maunaloa* flower and vine which is used to make lei. Also to be managed here are historic sites (Appendix C, Archaeological Report). At present, the full extent of these sites is not known, and because this parcel of land was transferred to the authority of the Department of Parks and Recreation only in the last few years, it has remained as it was at the time of transfer. Therefore, the site is to be managed to protect historic sites until an active preservation program may be launched, for example, a community-based archaeological project. Accessibility will be addressed later by the joint management community-based and City Department visioning team.

Schedule: Phase 1 - parking lot paving and related improvements, will be initiated in 2000. Later phases will be initiated in 2001 or somewhat later.

- 1.2. **Socio-economic characteristics.** This section discusses the impacts of the proposed project on the community in terms of both social and economic effects.

- 1.2.1 **Economic impacts on the community at large.** This project will have a beneficial economic impact on the community at large because it will improve the facilities of this beach park.
- 1.2.2 **Provision of income for the county or state and creation of employment opportunities in areas with high unemployment rates.** The project provides benefits through jobs related to its implementation.
- 1.2.3 **Targeted segment of the population.** No specific segment of the population is targeted because this project has general public benefit.
- 1.2.4 **Population density.** The project has no effect on population density because the park's capacity is not being increased.
- 1.2.5 **Recreational facilities.** The project benefits park-users by improving the facilities such as the parking lot and later the addition of the comfort station. There are added benefits through involvement with the community and due to the managed area.
- 1.2.6 **Child care provisions.** There are no child care provisions in relation to the proposed project.
- 1.2.7 **Relocations of residences.** No relocation of residences would occur.
- 1.2.8 **Costs of the proposed project and economic analysis.** The estimated total cost of construction for all phases totals between \$550,000 to \$650,000. The construction budget for Phase 1 is \$300,000.
- 1.3 **Environmental characteristics.** This section discusses the potential effects of the proposed project on the physical environment.
 - 1.3.1 **Aesthetics and viewplanes.** The project will result in a more aesthetically pleasing view from the highway because the parking lot will be paved and landscaped. There will be a minor negative impact on the view plane from the highway due construction of the comfort station. This impact is mitigated to some extent because the comfort station will be located in a grove of existing trees which tend to screen the view of the ocean from the highway. Maintenance of the Managed Area will add to aesthetics because of minor brush clearing and general management of vegetation to protect this assembly of plants. Planting of approximately 8 trees around the parking lot may alter the view of the ocean from the highway, but added trees are in keeping with the character of and community goals for this park.
 - 1.3.2 **Air pollution.** There would be some minor effects during construction and these would be mitigated per county and state rules. There would be no long term effects because the proposed project includes no air pollution sources and would not generate significant differences in traffic from the existing conditions.
 - 1.3.3 **Traffic congestion.** The proposed project does not add capacity to the park. To a great extent, the park's capacity is limited by the number of parking stalls which will remain approximately the same as the existing condition. Some community members can and do walk to the park, but their numbers will not change significantly after the project. There will

be little effect on traffic except during periods when construction materials are delivered to the site. Such traffic will consist of heavy trucks and trailers. They will operate during normal working hours and will follow existing regulations regarding road clean-up (if necessary) resulting from this traffic.

- 1.3.4 **Noise levels.** There will be some increase in noise levels during construction of the project. This will occur during normal working hours. Contractor's equipment is required to meet Department of Health noise regulations.
- 1.3.5. **Effects on water quality and the marine environment.** Impacts on water quality and the marine environment are not anticipated. Design of the comfort station, septic tank and leaching field will be coordinated with the State Department of Health and will meet codes and requirements for facilities of this type.
- 1.3.6 **Other environmental effects.** The site is located in a coastal flood hazard area. No residential uses of this site are proposed. As with most beach parks in Hawai'i, structures such as comfort stations will be at risk.
- 1.3.7 **Parking lot lights and park operating hours.** There is some environmental concern along the windward Oahu coastline that added high-level lights such as street lights may adversely affect night flying birds or mammals (bats). Although there are existing highway lights, and the parking lot lights will match those types, it is recommended that if the park is to be closed overnight, then parking lot lights should be automatically shut off at park closing time. Park operating hours are a concern of community members who requested that the parking lot be designed so that it could be closed at night to reduce vandalism and other problems. If the park is to be closed at night, the parking lot lights should be turned off at closing.
- 1.3.8. **Drainage and the intermittent stream.** There is an un-named intermittent stream at the north edge of the park. This stream flows intermittently from Koloa Gulch (Figure 2B). The stream reach adjacent to the park is basically a tidal influenced estuary which tends to be closed off from the ocean due to build-up of a sand bar. Drainage at the north end of the park tends to flow overland to the un-named stream. Drainage at the south end of the park flows towards a low area within the proposed Managed Area. Drainage in the park tends to flow from the beach berm towards the highway, then to the respective north and south locations.

2 Description of the Affected Environment

- 2.1 **Location.** The proposed project is located at Lā'ie Beach Park, on O'ahu's northeastern shore. Tax Map Keys: 5-5-01:48, 49, and 50. Total land area is 4.54 acres.
- 2.2 **Land ownership and tenancy.** The two of the three parcels (48 and 49) are owned by the City and County of Honolulu and the third parcel (50) by the State of Hawai'i. Parcel 50 is managed by the City and County of Honolulu as part of the county beach park.
- 2.3 **County Zoning, State Land Use District.** The proposed project is in a State Urban District and is zoned P-2 by the County.
- 2.4 **Special Management Area, Coastal Zone Management Consistency, Shoreline Setback Are.** The proposed project is within the boundary of the SMA (Special Management Area) and is subject to regulatory authority of the City and County of Honolulu, Department of Planning and Permitting. Because no federal permits are involved, the project will not be subject to review and approval by the Hawai'i Coastal Zone Management (CZM) Program for consistency with CZM objectives as part of the federal requirements imposed by the U.S. Army Corps of Engineers for issuance of their permits. The parking lot, comfort station, septic tank and leaching field are all more than 55 feet from the shoreline. Proposed foot path and tree root minor sand erosion best management practices are within the setback area.
- 2.5 **Land, beach and water use.** Beach use was observed during two separate site visits, and use was also discussed with community vision team members and Parks Department staff. On a daily basis the park is lightly used for sight-seeing, picnicking, swimming and body surfing, and sometimes flower gathering. Less frequently, the park is used by larger organized groups of people for surf, kayak and canoe events. In such cases there may be 100 or more people using the park as a staging area for water-based events.
- 2.6 **Land and related water use plans.** Following is a discussion of land and water use plans which are related to the proposed plan.
- 2.6.1 **City and County of Honolulu.** Improvements to this park are in conformance with planning for development of Ko'olauloa District, and as part of the Department of Parks and Recreation long-range plan for improvements to beach parks on O'ahu.
- 2.6.2 **State of Hawai'i.** Improvements to this park are in conformance with the general state objectives to improve parks for residents and visitors
- 2.6.3 **Federal.** There are no federal plans for the area.
- 2.7 **Flora and Fauna.** The flora at this site consists of several species of grasses, shrubs, flowers, vines, and trees (see Appendix B, Botanical Report). No listed, rare, threatened or endangered species were seen during the botanical inspection. The value of the plants in this park is high because of their maturity and general good health. The plants represent typical windward shoreline and beach plants which have become less common, and less publicly accessible in recent years due in part to development of the shoreline. Common birds appear to use the park, and a mongoose was observed on one occasion. No listed

species have been identified at this park, however, green sea or other turtles may have used this beach in the past for nesting. Night birds and mammals (bats) are known to fly in this area and for this reason, parking lot lights are proposed to be turned off if the park is closed during the night to minimize effects on night birds, mammals or aquatic life.

- 2.8 **Coastal Setting and Beach Stability.** The beach fronting this park appears relatively stable, but is exposed to high surf and storm waves on occasion. Evidence of minor shoreline erosion, typical of much of O'ahu's windward coast where sandy beaches are present, can be seen, especially around roots of several mature trees. However, rapid erosion or severe instability of this site does not seem apparent.
- 2.9 **Water Quality.** Water quality is Class A in this area as determined by the State Department of Health.
- 2.10 **Historical, archeological, traditional and cultural sites.** This park is known to have historical, archaeological and cultural sites (See Appendix C, Archaeological Report). The area proposed as a Managed Area contains obvious historic coral rock walls. The traditional use of the *red Maunaloa* flower by neighborhood families is a cultural use. The area appears to be used for fishing, and probably has been so used for a considerable length of time. The master plan for the park provides for the protection, preservation and continued cultural uses of these sites in conjunction with community values and participation. Burials and other cultural evidence have been found during sub-surface explorations. Discussions have been held with persons who use the area now regarding their existing activities as well as their past recollections. Several key cultural use activities have been identified: gathering of the *red Maunaloa* flower; fishing; canoeing; surfing; solitary activities; family gatherings; community events; burial and spiritual practices. The Master Plan seeks to preserve and protect these practices, sites and values. The proposed projects are intended to aid in fulfilling the Master Plan, and to be implemented in such a way as to not only minimize adverse impacts on historic and cultural sites, but also to assist in preserving and protecting them.
- 2.11 **Sensitive habitats or bodies of water adjacent to the proposed project.** The Pacific Ocean is adjacent to the shoreline of this park and an un-named stream (called Lā'ie-Malo'o Stream on the tax key map, but un-named on the USGS quadrangle map), an intermittent stream borders the north end of the park.
- 2.12 **Flooding and Tsunami.** According to the Federal Emergency Management Agency (FEMA) Flood Insurance Rate Maps (Community Panel Number 15001 0015 C), the park is in a flood hazard zone AE with flood heights varying between 9 and 13 feet which reflects the proximity to the open ocean including storm waves and tsunami, as well as the problem of riverine flooding. Structures such as the comfort station will be constructed according to applicable rules and regulations regarding construction in such areas. In general, such rules require that the floor elevations of structures be above the base flood elevation.
- 2.13 **Soils.** The park is primarily composed of beach sand (of coral origin), with high permeability.
- 2.14 **Drainage.** Storm water runoff in the park flows to the lower elevations of the topography. The patterns are that runoff flows from park lands towards the highway and towards either end of the park (within the proposed Managed Area, or to the adjacent intermittent stream).

The proposed project will have little effect on this drainage pattern. Paving of the parking lot will increase the present volume of runoff from the parking lot from 0.8 cubic feet per second to 1.6 cubic feet per second. Much of this additional runoff will tend to flow over land to the park area north of the parking lot which partly serves as a filter and catchment before runoff flows into the intermittent stream.

- 2.15 **Highway and Parking Lot Lighting.** There are highway lights on the utility poles lining the highway, on the mountain side of the road. The parking lot lights will match these lights in type of bulb. Parking lot lights should be turned off at night if park is to be closed to minimize impact on night birds and mammals, or aquatic life.

3 Major Impacts and Alternatives Considered

- 3.1 **Positive significant impacts.** Positive and beneficial impacts of the proposed project, include preservation and enhancement of a fine beach park which reflects one of the best locations for picnicking, beach-going, body-surfing, swimming, plant communities and historic preservation on O'ahu's windward shore. Pavement of the parking lot will reduce the dust blown across park-goers from cars entering and leaving the park. Construction of the comfort station will cause a shift in park-goer behavior because under existing conditions the proposed Managed Area, which is highly vegetated, is used for toilet purposes. Facilities will conform to the Americans with Disabilities Act thus making the park more available to a broader range of the community. A valuable plant community, and precious historic sites will be protected and preserved for future enjoyment, use and education. Installation of minor beach erosion best management practices will reduce loss of beach sand from the berm back shore caused by pedestrian traffic over the footpaths, and the life span of mature and valuable trees will be somewhat extended.
- 3.2 **Negative significant impacts.** There are no negative significant impacts of the proposed project.
- 3.3 **Alternatives considered.** The following is a discussion of the alternatives which were considered during the formulation of the recommended project.
- 3.3.1 **No-Action Alternative.** If no improvements are made the existing problems will continue. For example, the proposed Managed Area will continue to serve as a comfort station and a place to dispose of rubbish. Dust will continue to blow across beach goers, and sand will be lost unnecessarily. Continued viability of the *red Maunaloa* flower and vine is not assured because the plant requires special conditions to flourish. Historic sites may be further disturbed or damaged.
- 3.3.2 **Pave Parking Lot Only Alternative.** Paving of the parking lot only was considered but is not recommended because this alternative does not provide the full set of benefits which otherwise would accrue from implementation of the master plan.
- 3.3.3 **Comfort Station Only Alternative.** Construction of a comfort station only does not provide the full set of benefits.
- 3.3.4 **Close the Park Alternative.** While this action is a theoretical possibility, the community has been using this area for recreation, cultural and traditional uses for years, generations, and probably centuries. It is not likely that the community would cease use. Under such circumstances it is the responsibility of government to provide community needs, not only in Lā'ie, but for all of O'ahu.
- 3.3.5 **Preferred Alternative – Master Plan and Proposed Improvements.** Based on meetings with community vision team members and agency representatives, the Master Plan (Appendix A) reflects the consensus of objectives and projects for the park and this is the preferred alternative.

4 Proposed Mitigation Measures

- 4.1 **Potential problems and appropriate mitigation including best management practices.** There is a potential problem of visual intrusion into the environment due to construction of the Comfort Station. Mitigation of this minor impact is included in the Master Plan via the site location, adjacent to the parking lot, in a grove of trees where the ocean is not particularly visible from the highway and some landscaping and architectural treatment of the facility will be accomplished. However, there will be a permanent change, though minor, in the visual environment due to the placement of the structure.
- 4.2 **Mitigation or preservation plan prepared for the Department of Land and Natural Resources State Historic Preservation Division.** There are two areas of concern with regard to historic sites.
- 4.2.1 **Managed Area.** The Master Plan (Appendix A) designates the Managed Area for purposes of protection and preservation of an area with historic sites. Management of the area will include coordination with the State Historic Preservation Division to develop the best means of preservation. The proposed project does not otherwise impact this area, which will be untouched by heavy equipment. Without implementation of the Master Plan, grading and clearing of the vegetation of the site, with possible damage to historic features could occur.
- 4.2.2 **Physical Project Construction.** Excavation of greater than 6-inches in depth from the existing topography will not take place until an archaeological inventory survey of the affected park areas has been completed to the satisfaction of the State Historic Preservation Division. Paving of the parking lot could potential impact unknown historic sites because excavation of greater than 6-inches may take place. Construction of the comfort station, septic tank and leaching field will require excavation of the park's open grassed areas which are comprised of sandy soil where burials or other historic features are often found. Because the comfort station and supporting infrastructure are scheduled for a later phase and the design documents have not been prepared at this time (the Master Plan is a concept, not a design), further archaeological work will be undertaken by qualified personnel and in coordination with the State of Historic Preservation Division to fully ascertain the conditions where excavation will take place. Also, during construction-related excavation work an archaeological monitor will be present, and contractors will be advised to stop work if features are uncovered.
- 4.3 **Cultural and Traditional Activities.** The Master Plan (Appendix A) takes into account cultural and traditional activities identified by the community vision team members and Parks Department staff. These activities included gathering of the *red Maunaloa* flower, fishing, swimming, canoeing and surfing. Also, the park provides public access to the shoreline and to adjacent areas where cultural and traditional practices and activities may take place, or may have taken place – notably the coral bluff adjacent to the park. In order to prepare the master plan, interviews were held with key members of the City's vision team, the group which developed the planning objectives and components. The included Hawaiian's and other ethnic and cultural groups and the plan meets their specifications to maintain the continued open public access of the park and the shoreline, to provide for ocean-based events such as outrigger canoe paddling and surfing, to provide an open grassed area for meetings, celebrations and festivals (desired by various cultural groups), to provide for a peaceful and safe park (desired by various cultural groups), and to provide for growth of and access to the *red maunaloa* flower and vine. The proposed plans improve

the long tradition of public access to this shoreline and these abutting park lands by providing for safe parking, a comfort station, a shower, and improved access for the disabled.

- 4.4 **Parking Lot Lighting.** Parking lot lights should be turned off at night at the time when the park is closed to minimize effects on night birds, mammals or aquatic life.

5 Expected Determination

- 5.1 **Finding of No Significant Impact (FONSI).** The proposed improvements will not have a significant effect on the environment and therefore preparation of an environmental impact statement is not required. This document constitutes a Notice of Negative Declaration/Finding of No Significant Impact for the proposed project. This determination was based on review and analysis of the "Significance Criteria" in Section 11-200-12 of the Hawai'i Administrative Rules, as documented below.
- 5.2 **Findings and reasons supporting the determination including justifying evidence.**
- 5.2.1 *No irrevocable commitment to loss or destruction of any natural or cultural resource would result.* Sites present within the park are to be managed and preserved.
- 5.2.2 *The proposed project would not curtail the range of beneficial uses of the environment.* The proposed project will in fact enhance the beneficial use of the environment by providing a comfort station and improved management of the recreational environment.
- 5.2.3 *The proposed project would not conflict with the state's long-term environmental policies or goals and guidelines.* The state's environmental policies and guidelines as set forth in Chapter 344, Hawai'i Revised Statutes, "State Environmental Policy", encompass two broad policies: conservation of natural resources, and enhancement of the quality of life. The proposed project will both conserve and enhance the natural resources of the park, and enhance the recreational experience for both visitors and the local populace.
- 5.2.4 *The proposed project will improve the economic and social welfare of the community and the state.* The proposed improvements add to the benefits available to visitors who may tour around the island. By enhancing the visitor benefits, the general welfare of the state is achieved because tourism is a major component of the state's economy.
- 5.2.5 *The proposed project would not substantially affect public health.* The proposed improvements will not have substantial effects on public health. Impacts, if any, will be beneficial because of improvement to comfort station facilities.
- 5.2.6 *No substantial secondary impacts, such as population changes or effects on public facilities, are expected.* The project will not alter the present use of the park. Enhancement of the park will not cause population changes nor will there be any effects on existing public facilities.
- 5.2.7 *No substantial degradation of environmental quality is expected due to the proposed project.* Construction activities would have potential short-term impacts on ambient environmental quality, although these impacts are expected to be minor. In the long term, the completed project will improve the environmental quality by lessening the dust problem due to the unpaved parking lot, and by adding a comfort station.
- 5.2.8 *No cumulative effect on the environment or commitment to larger actions will be involved.* The proposed improvements affect only the park itself.

- 5.2.9 *No rare, threatened or endangered species or their habitats are affected. No impacts are anticipated on any candidate, proposed or listed endangered species or their habitats. There are no known threatened/endangered species or their habitats within the project limits.*
- 5.2.10 *The proposed project will not detrimentally affect air or water quality or ambient noise levels. Construction activities may cause short-term impacts to air, noise and water quality which will be mitigated to the extent practicable.*
- 5.2.11 *The proposed project will not detrimentally affect environmentally sensitive areas such as flood plains, tsunami zones, beaches, erosion-prone areas, geologically hazardous lands, estuaries, fresh waters or coastal waters. The proposed project is the improvement of an existing park.*
- 5.2.12 *The proposed project will improve scenic vistas and view planes identified in county or state plans or studies. The proposed improvements to the park would not significantly obstruct seaward views, although there will be intrusion into the visual environment of the structure of the comfort station. Certain view planes will be improved because of additions of plants along the park border.*
- 5.2.13 *There will be no requirement for substantial energy consumption. Construction of the project will not require substantial energy consumption.*

6 Identification of Agencies, Organizations and Individuals Consulted

The following narrative summarizes the coordination with key agencies and with the Neighborhood Board as of this date of writing, and also provides a list of the permits required for this project to proceed.

6.1 State of Hawai'i.

- 6.1.1 Department of Land and Natural Resources (DLNR). Coordination is ongoing with the Historic Preservation Division. Copies of the Draft EA were sent to the Department.
- 6.1.2 Department of Health. Coordination with the Office of Environmental Quality Control has occurred through use of their guidelines for preparation of this environmental assessment. Approvals will be sought from the Wastewater Branch for the proposed comfort station and wastewater disposal system.
- 6.1.3 Disability and Communication Access Board. The Board was provided with a copy of the Draft EA.

6.2 City and County of Honolulu.

- 6.2.1 Office of the Mayor. The Mayor's office is appraised of this project via the vision team process.
- 6.2.2 Lā'ie Community Vision Team. The community vision team has had a major role in the generation, formulation and guidance of the master plan and project components. Coordination with the community vision team is ongoing.
- 6.2.3 Department of Design and Construction. The Department is the facilitator and one of the proponents of the project. Several meetings have been held with representatives of the Department to formulate this project.
- 6.2.4 Department of Parks and Recreation Services. The Department is one of the major proponents of this project and has participated in the preparation of the master plan and assessment process.
- 6.3.5 Department of Planning and Permitting. The Department is responsible for the Special Management Area permit process and also for a waiver from the setback requirements for the parking lot improvements within the setback area between the parking lot and the highway.

6.3 United States Government.

- 6.3.1 No contacts have been initiated because there is no U.S. government involvement in this project, nor are there jurisdictions by permitting agencies such as the U.S. Army Corps of Engineers. No listed species have been identified.

6.4 Organizations and Individuals.

6.4.1 Neighborhood Board. An informational presentations have been ongoing with the neighborhood board via the vision team process.

6.4.2 Outdoor Circle. The group was provided with a copy of the Draft EA for comment.

6.5 Permits and approvals

6.5.1 Special Management Area Permit (SMAP). An SMAP is required for this project because the entire park and all proposed projects would take place in the Special Management Area which consists of all lands seaward of Kamehameha Highway.

6.5.2 An approval of construction documents and permits for building and grading will also be required.

6.5.3 A waiver from road frontage property line setback requirements of P-2 zoning is required for improvements in the parking lot (for example, parking lot lights).

6.5.4 An approval by the State Department of Health will be required for the wastewater system.

6.5.5 Prior to construction of the proposed beach berm sand erosion control measures (if within the shoreline setback area), application must be made for a minor structure within the shoreline setback. If these structures do not qualify as minor structures, then a shoreline setback variance will be required. In both cases a certified shoreline survey will also be required. Such projects, though in the Master Plan, are not proposed in Phases 1 or 2 of the current project, although they are covered in this EA.

6.5.6 An archaeological inventory survey will be required by the State Department of Land and Natural Resources, Historic Preservation Division, for any excavation work of 6 inches or greater in depth. This requirement affects nearly all of the proposed projects in phases 1 and 2.

6.5.7 Prior to construction, final project plans must be reviewed by Disability and Communication Access Board. Plans should conform to the current guidelines, best design practices and recommendations from the U.S. Architectural and Transportation Barriers Compliance Board's Regulatory Negotiation Committee Final Report, "Accessibility Guidelines for Outdoor Developed Areas" (September 1999), or more recent guidance if available.

References

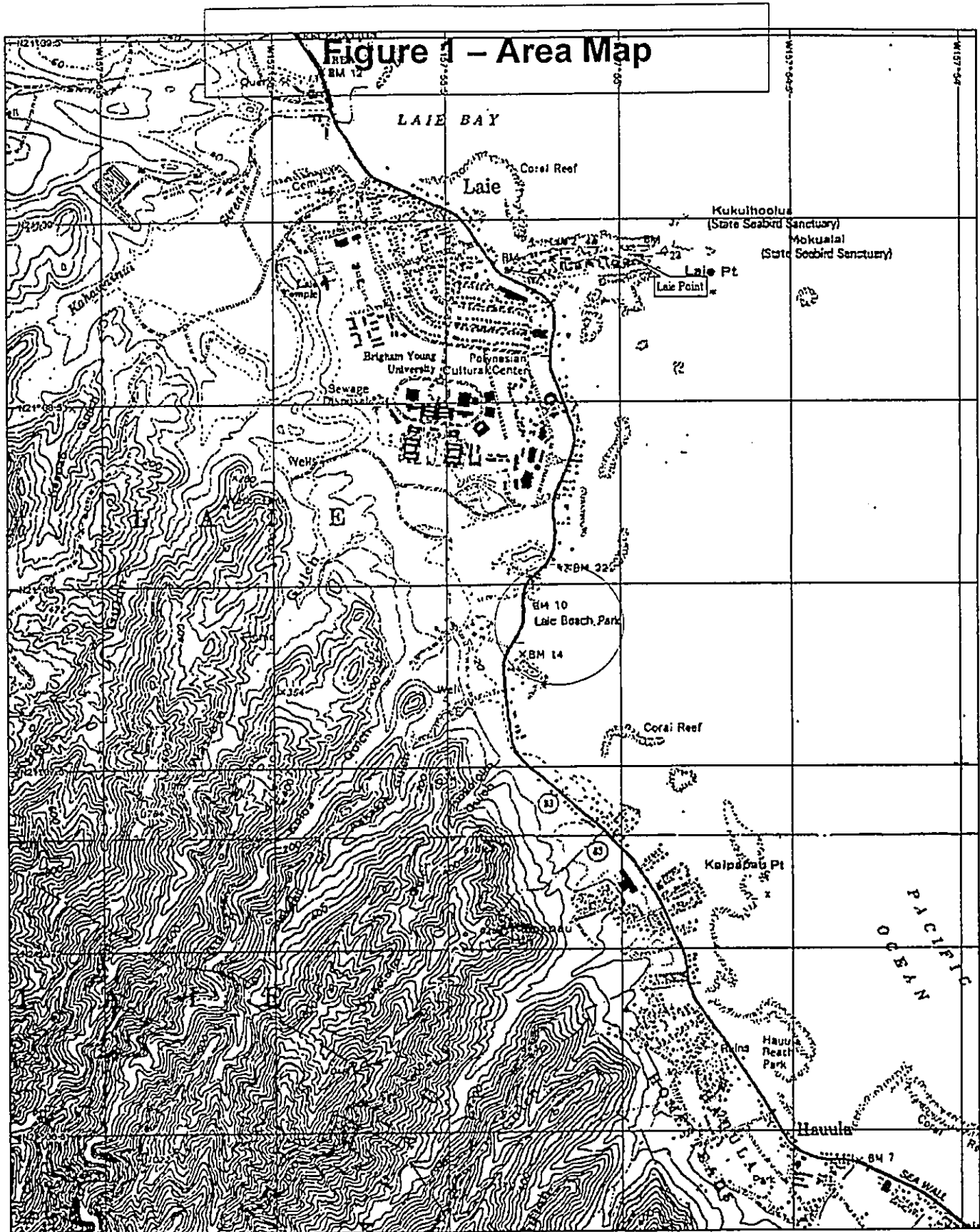
City and County of Honolulu, *Land Use Ordinance*, May 1999.

City and County of Honolulu, *Parks Standard Details*, May 1990.

City and County of Honolulu, *Koolauloa Development Plan*, 1999.

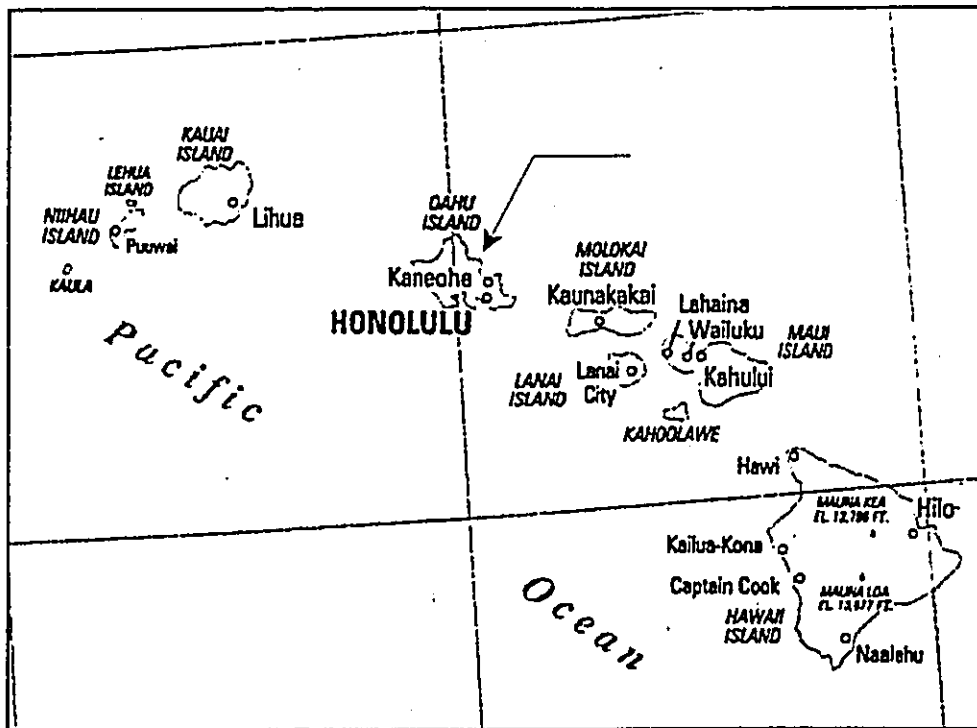
State of Hawaii, *Hawaii State Plan, Functional Plans*, various years.

State of Hawaii, University of Hawaii, *Atlas of Hawaii*, Third Edition, 1998.

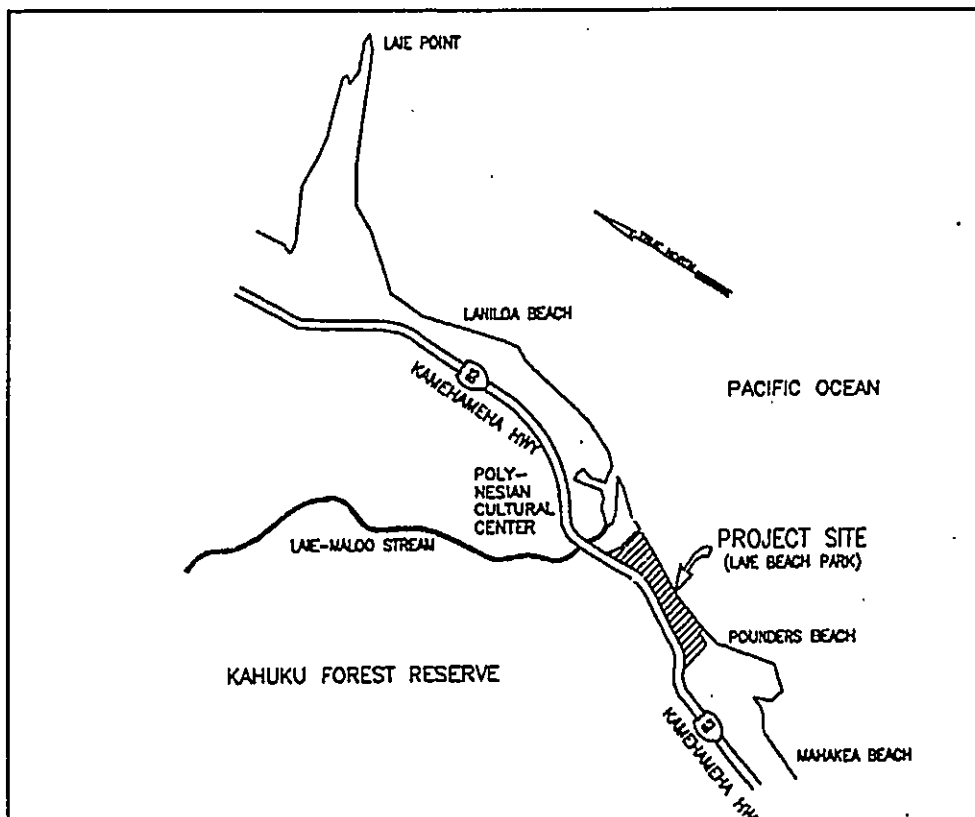


3-D TopoQuads Copyright © 1999 DeLorme Yarmouth, ME 04096 Source Data: USGS 750 ft Scale: 1:12,500 Detail: 14-0 Datum: WGS84

Figure 2. Location and Vicinity Maps



Location Map – Not to scale.



Vicinity Map – Not to scale.

3-D Topographic Copyright © 1999 Delorme Imprints, NE 04395 Source Data: 0988
150 ft Scale: 1 : 11,200 Detail: 14-6 Datum: NAD83

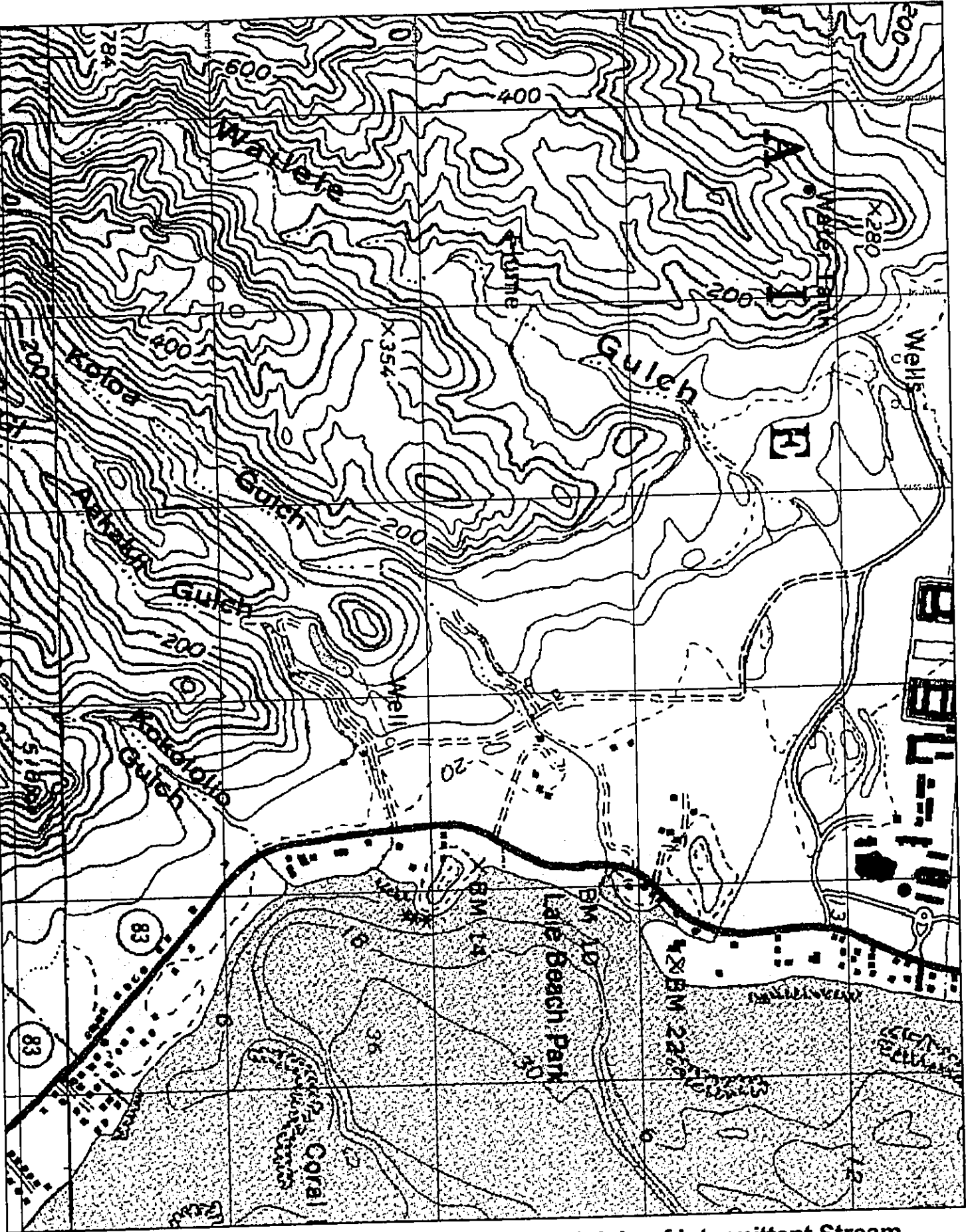


Figure 2B – Koloa Gulch, Origin of Intermittent Stream

DEPARTMENT OF DESIGN AND CONSTRUCTION
CITY AND COUNTY OF HONOLULU

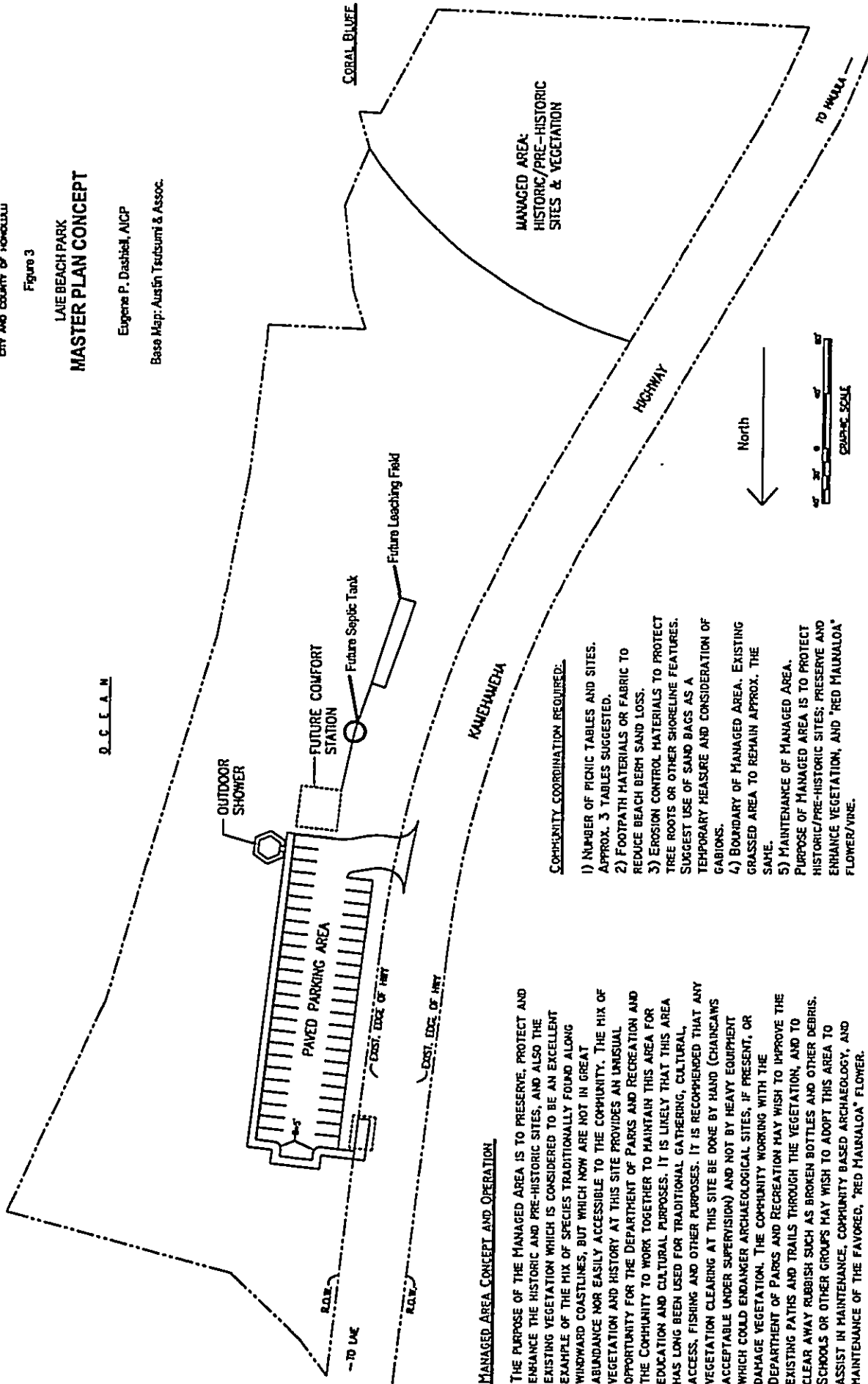
Figure 3

**LAIE BEACH PARK
MASTER PLAN CONCEPT**

Eugene P. Dashiell, AICP

Base Map: Austin Teubsumi & Assoc.

D. C. E. A. M.

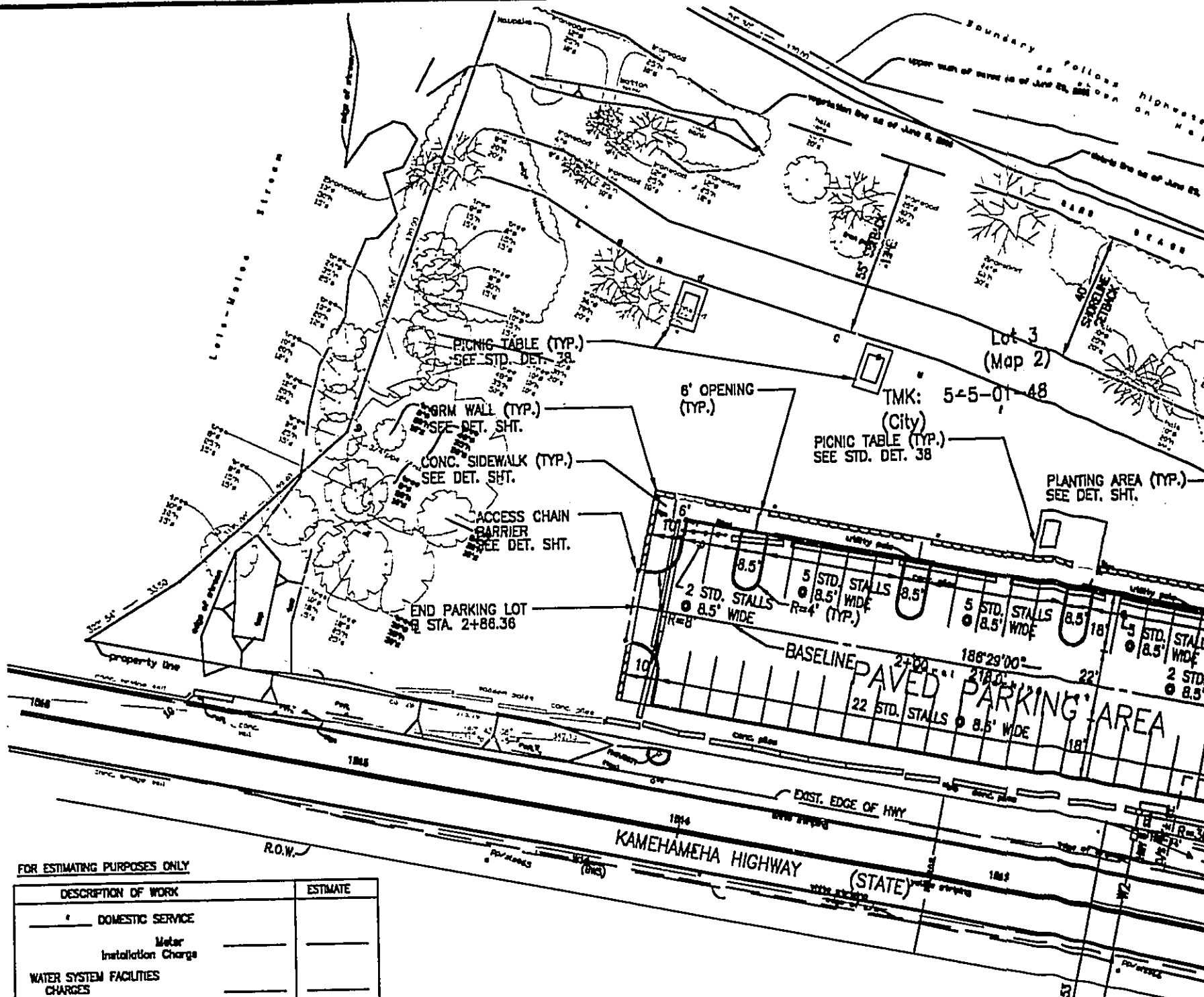


MANAGED AREA CONCEPT AND OPERATION

THE PURPOSE OF THE MANAGED AREA IS TO PRESERVE, PROTECT AND ENHANCE THE HISTORIC AND PRE-HISTORIC SITES, AND ALSO THE EXISTING VEGETATION WHICH IS CONSIDERED TO BE AN EXCELLENT EXAMPLE OF THE MIX OF SPECIES TRADITIONALLY FOUND ALONG WINDWARD COASTLINES, BUT WHICH NOW ARE NOT IN GREAT ABUNDANCE NOR EASILY ACCESSIBLE TO THE COMMUNITY. THE MIX OF VEGETATION AND HISTORY AT THIS SITE PROVIDES AN UNUSUAL OPPORTUNITY FOR THE DEPARTMENT OF PARKS AND RECREATION AND THE COMMUNITY TO WORK TOGETHER TO MAINTAIN THIS AREA FOR EDUCATION AND CULTURAL PURPOSES. IT IS LIKELY THAT THIS AREA HAS LONG BEEN USED FOR TRADITIONAL GATHERING, CULTURAL, ACCESS, FISHING AND OTHER PURPOSES. IT IS RECOMMENDED THAT ANY VEGETATION CLEARING AT THIS SITE BE DONE BY HAND (CHAINSAWS WHICH COULD ENDANGER ARCHAEOLOGICAL SITES, IF PRESENT, OR DAMAGE VEGETATION. THE COMMUNITY WORKING WITH THE DEPARTMENT OF PARKS AND RECREATION MAY WISH TO IMPROVE THE EXISTING PATHS AND TRAILS THROUGH THE VEGETATION, AND TO CLEAR AWAY RUBBISH SUCH AS BROKEN BOTTLES AND OTHER DEBRIS. SCHOOLS OR OTHER GROUPS MAY WISH TO ADOPT THIS AREA TO ASSIST IN MAINTENANCE, COMMUNITY BASED ARCHAEOLOGY, AND MAINTENANCE OF THE FAVORED, "RED MAUNALO'A" FLOWER.

COMMUNITY COORDINATION REQUIRED:

- 1) NUMBER OF PICNIC TABLES AND SITES. APPROX. 3 TABLES SUGGESTED.
- 2) FOOTPATH MATERIALS OR FABRIC TO REDUCE BEACH BERM SAND LOSS.
- 3) EROSION CONTROL MATERIALS TO PROTECT TREE ROOTS OR OTHER SHORELINE FEATURES. SUGGEST USE OF SAND BAGS AS A TEMPORARY MEASURE AND CONSIDERATION OF GABIONS.
- 4) BOUNDARY OF MANAGED AREA. EXISTING GRASSED AREA TO REMAIN APPROX. THE SAME.
- 5) MAINTENANCE OF MANAGED AREA. PURPOSE OF MANAGED AREA IS TO PROTECT HISTORIC/PRE-HISTORIC SITES; PRESERVE AND ENHANCE VEGETATION, AND "RED MAUNALO'A" FLOWER/VINE.



FOR ESTIMATING PURPOSES ONLY

DESCRIPTION OF WORK	ESTIMATE
DOMESTIC SERVICE	
Meter	
Installation Charge	
WATER SYSTEM FACILITIES CHARGES	
*CREDIT	
S/N	
S/N	
FIRE SERVICE	
Meter	
Installation Charge	
One-Time Charge	
TOTAL	

* CREDIT WILL BE DETERMINED WHEN THE BUILDING PERMIT APPLICATION IS SUBMITTED FOR BWS REVIEW AND APPROVAL

THIS ESTIMATE IS SUBJECT TO CHANGE. A FORMAL WRITTEN QUOTATION MAY BE OBTAINED AND ALL PAYMENTS FOR THE CHARGES SHOWN ON THE QUOTATION MADE WITHIN 30 DAYS AFTER THE CONSTRUCTION PLAN IS APPROVED BY BWS. IF PAYMENTS ARE NOT RECEIVED WITHIN THE 30 DAY PERIOD, THE PROJECT WILL BE SUBJECT TO THE PREVAILING RATES.

SITE PLAN/UTILITY PLAN

SCALE: 1"=20'

FLOW REQUIREMENTS

	FIXTURE UNITS (FU)	GALLONS PER MINUTE (GPM)	GALLONS PER DAY (GPD)
DOMESTIC	0	0	0
IRRIGATION	32	22	98
TOTAL	32	-	98

NOTES:

- IRRIGATION WILL OCCUR DURING OFF-PEAK HOURS.
- WATER SERVICE IS FOR IRRIGATION ONLY. DUE TO POSSIBLE STAGNANT WATER CONDITIONS, POTABLE USE IS PROHIBITED AT THIS TIME.

BEGIN NEW WL-1 (IRRIGATION ONLY)
HWY STA. 1323+81±
0/5 1 1/2" LT
CONNECT NEW 2" LATERAL TO EXIST. 18" WL (BWS SYSTEM)
CONTRACTOR TO FIELD VERIFY LOCATION & INVERT
1-1 1/2" METER
1-TYPE III METER BOX
1-1 1/2" GATE VALVE
1-TYPE A VALVE BOX
MATERIALS FOR CONNECTION
1-DOUBLE STRAP SERVICE SADDLE W/ 1 1/2" CC TAP
1-1 1/2" CORP. STOP (MUELLER "CC" x IPT OUTSIDE)
1-2"x2" STOP COCK (FIPT x FIPT)
60 LF 2" COPPER TUBING

BEGIN NE W WL HWY STA. 1311 CONNECT NEW 2" WL (PRIVATE) CONTRACTOR TO 1-1 1/2" METER 1-TYPE III METER 1-1 1/2" GATE VALVE 1-TYPE A VALVE 1-2"x2" TEE 2-2"x2" STOP COCK MATERIALS FOR CONNECTION 1-2"x2" TEE 1-2"x2" STOP COCK 140 LF 2" COPPER TUBING

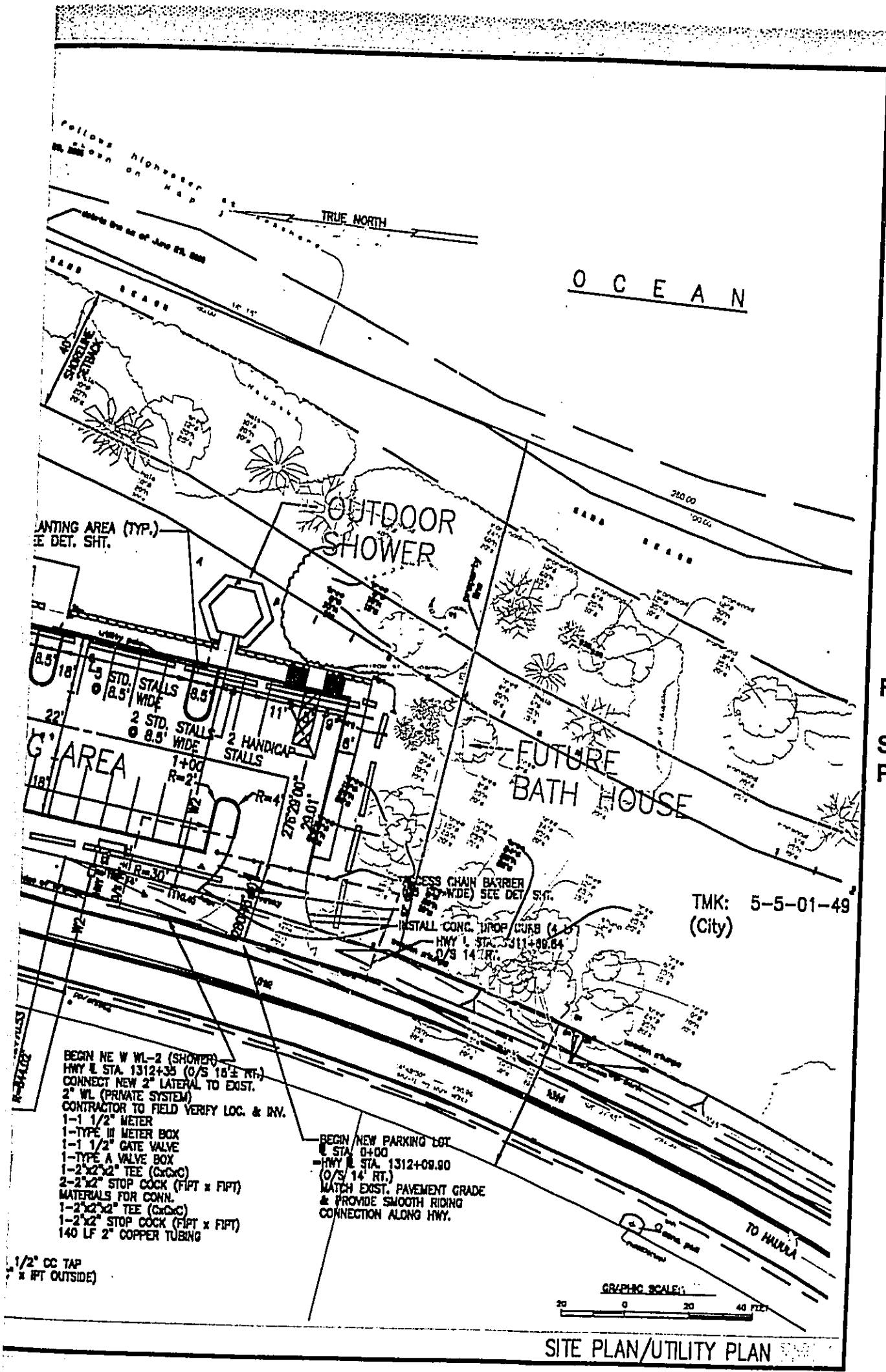
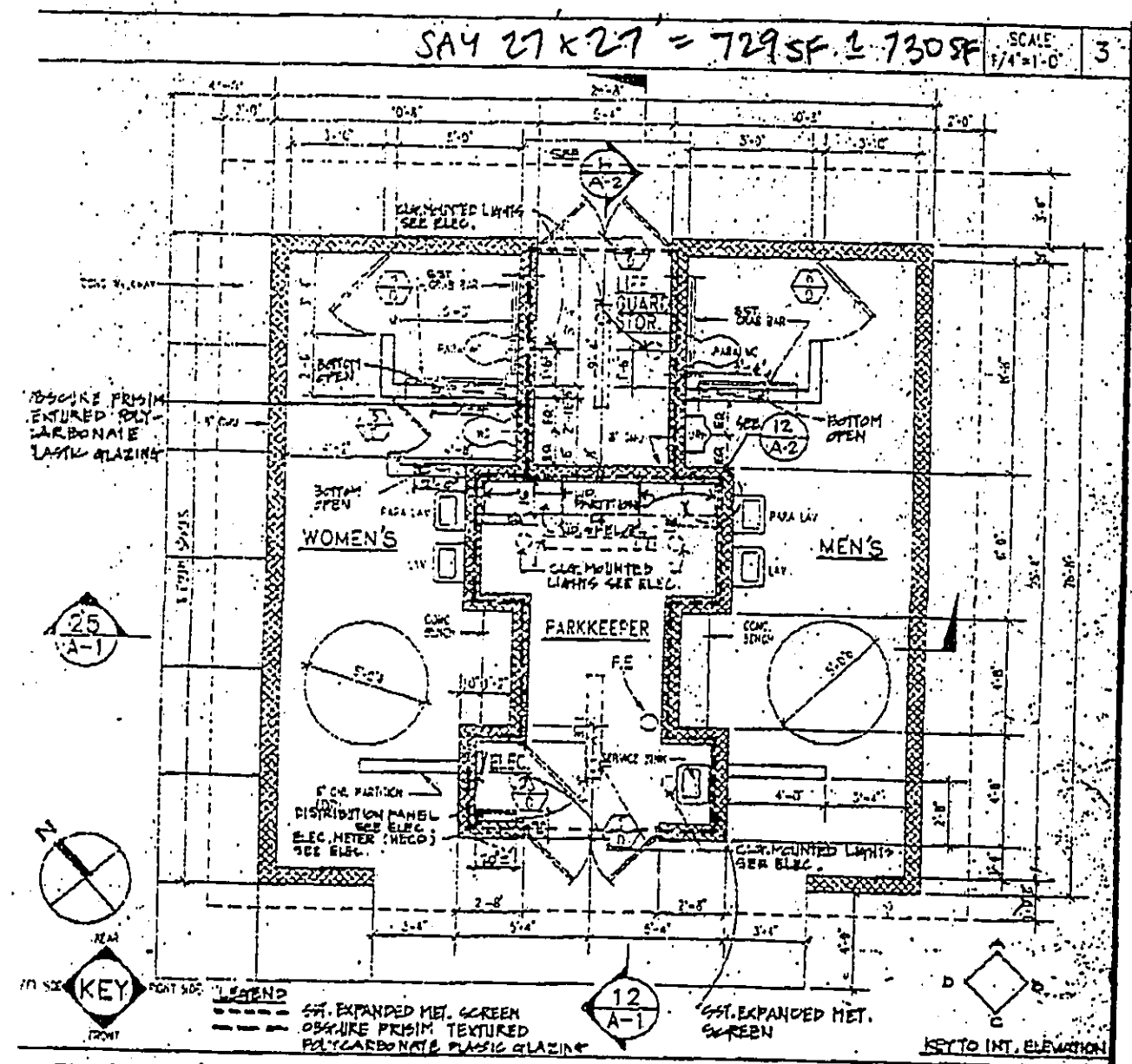


Figure 3B -
Site & Utility
Plan

SITE PLAN/UTILITY PLAN

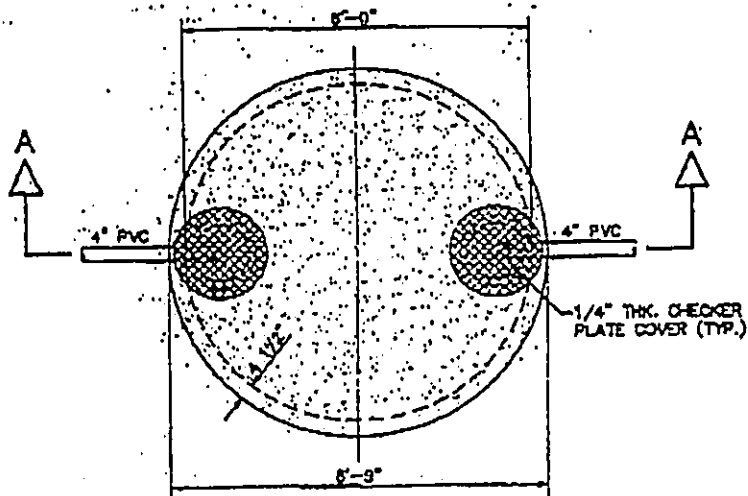


FLOOR PLAN

0 2' 4' 6' 8' SCALE 1/4" = 1'-0"

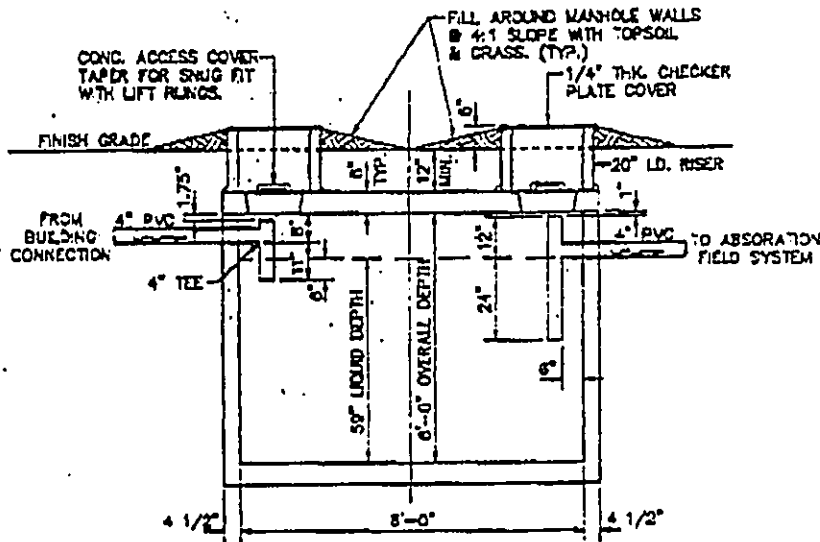
<p>EXPANDED MET. SCREEN, BACK OF GRILLS HUNG OUT OF 2x3 C.C.'S</p>	<p>IF THIS SHEET IS NOT 24" X 36", IT IS A REDUCED PRINT. SCALE ACCORDINGLY.</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">DESIGN</td> <td style="width: 20%;">DATE</td> <td style="width: 40%;">DESCRIPTION</td> <td style="width: 20%;">MADE BY</td> <td style="width: 20%;">APPROVED</td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table>	DESIGN	DATE	DESCRIPTION	MADE BY	APPROVED					
DESIGN	DATE	DESCRIPTION	MADE BY	APPROVED								
<p>EPoxy PAINT ON CMU</p>		<p>DEPARTMENT OF PARKS & RECREATION CITY & COUNTY OF HONOLULU FACILITIES DEVELOPMENT DIVISION</p> <p>KOKOLOLO (KAKELA) BEACH PARK BATHHOUSES</p> <p>FLOOR PLAN, EXTERIOR ELEVATIONS, SECTIONS, INTERIOR ELEVATIONS</p> <p>DESIGNED BY: <u>RO</u> DRAWN BY: <u>KMR, RS, JT</u> REVISED BY: <u>PRO</u> DATE: <u>10-18-88</u> APPROVED: <u>[Signature]</u> DRAWING NO.: <u>A-1</u></p>										
<p>SCALE 1/4" = 1'-0"</p>	<p>THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.</p> <p><u>[Signature]</u></p>	<p>SHEET <u>7</u> OF <u>17</u> FILE NO. <u>24-517</u></p>										

Figure 3C – Typ. Bathhouse/Comfort Station Floor Plan



PLAN
SCALE: 3/8" = 1'-0"

- 1- ASPHALT ENAMEL COATING SHALL BE APPLIED TO THE INTERIOR AND EXTERIOR OF TANKS.
- 2- CONCRETE STRENGTH SHALL BE 3000 PSI AT 28 DAYS.
- 3- REINFORCEMENT:
 WALLS: #3 VERT. BAR @ 12" o.c., #3 HORIZ. BAR @ 16" o.c.
 WIRE MESH: HORIZONTAL AROUND ENTIRE TANK
 COVER AND BOTTOM SLAB: #4 BAR @ 5" o.c. BOTHWAYS WITH TIES @ EACH CROSSING
 COVER SLAB: 4-#4 DIAGONAL BARS AT ALL ACCESS OPENINGS



SECTION "A-A"
SCALE: 3/8" = 1'-0"

CONCRETE CIRCULAR SEPTIC TANK DETAILS

DESIGN DATA FOR BATH HOUSE NO. 2

BELOW
NO

ROOMS PER DAY
PARKING STALLS AT 4 PERSONS/STALL = 220 PERSONS
ANNUAL OF SEPTIC-TANK PRACTICE
WORKS AT 5 GALLONS/PERSON/DAY

220 PERSONS x 5 GALLONS/PERSON/DAY = 1100 GPD

REGISTRATION RULES CHAPTER 11-52

1000 + (1100-800)(1.25) = 1375 GALLONS

1375 GALLONS

DISPOSAL SYSTEM
PERCOLATION RATE . . . OBSERVED
TIME FOR WATER TO FALL ONE INCH" => 1.85 MIN. (AVE.)

REQUIRED ABSORPTION AREA
FROM FIG. 19 "MANUAL OF SEPTIC-TANK PRACTICE"
5/125 = 3.68 GALLONS/SQ. FT./DAY
1375 ÷ 3.68 = 374 SQ. FT. x 0.83 (INFILTRATOR MULTIPLIER) = 310 SQ. FT.
USE 6' x 37.5' BED TO PROVIDE 337.5 SQ. FT. BED

SOIL CONDITIONS
FROM U.S. SOIL CONSERVATION SERVICE
JAUCAS SAND, 0-15% SLOPES (J6C). THIS SERIES CONSISTS OF EXCESSIVELY DRAINED, CALCAREOUS SOILS THAT OCCUR AS NARROW STRIPS ON COASTAL PLAINS, ADJACENT TO THE OCEAN. PERMEABILITY IS RAPID AND RUNOFF IS VERY SLOW TO SLOW. HAZARD OF WATER EROSION IS SLIGHT.

Figure 3D - Typ. Septic Tank

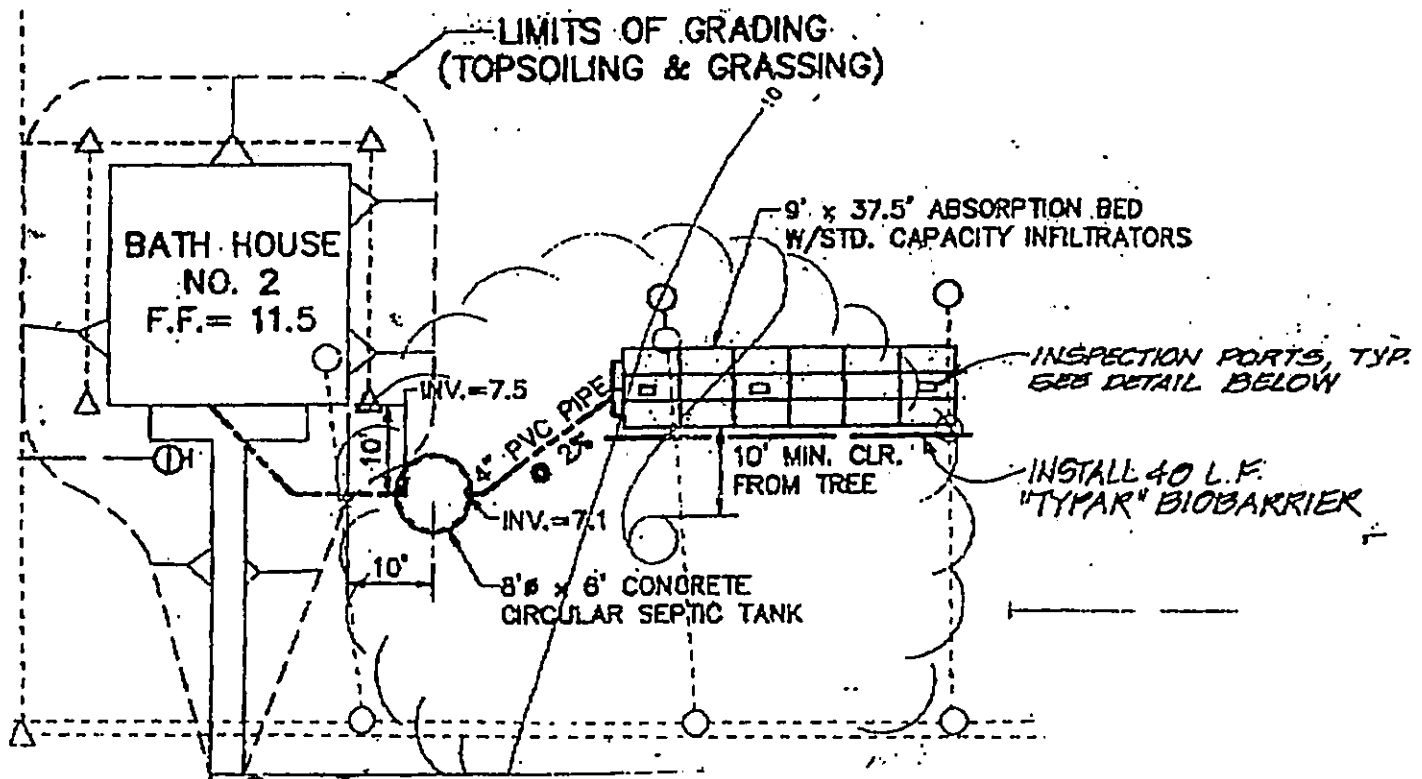


Figure 3E – Typ. Leaching Field

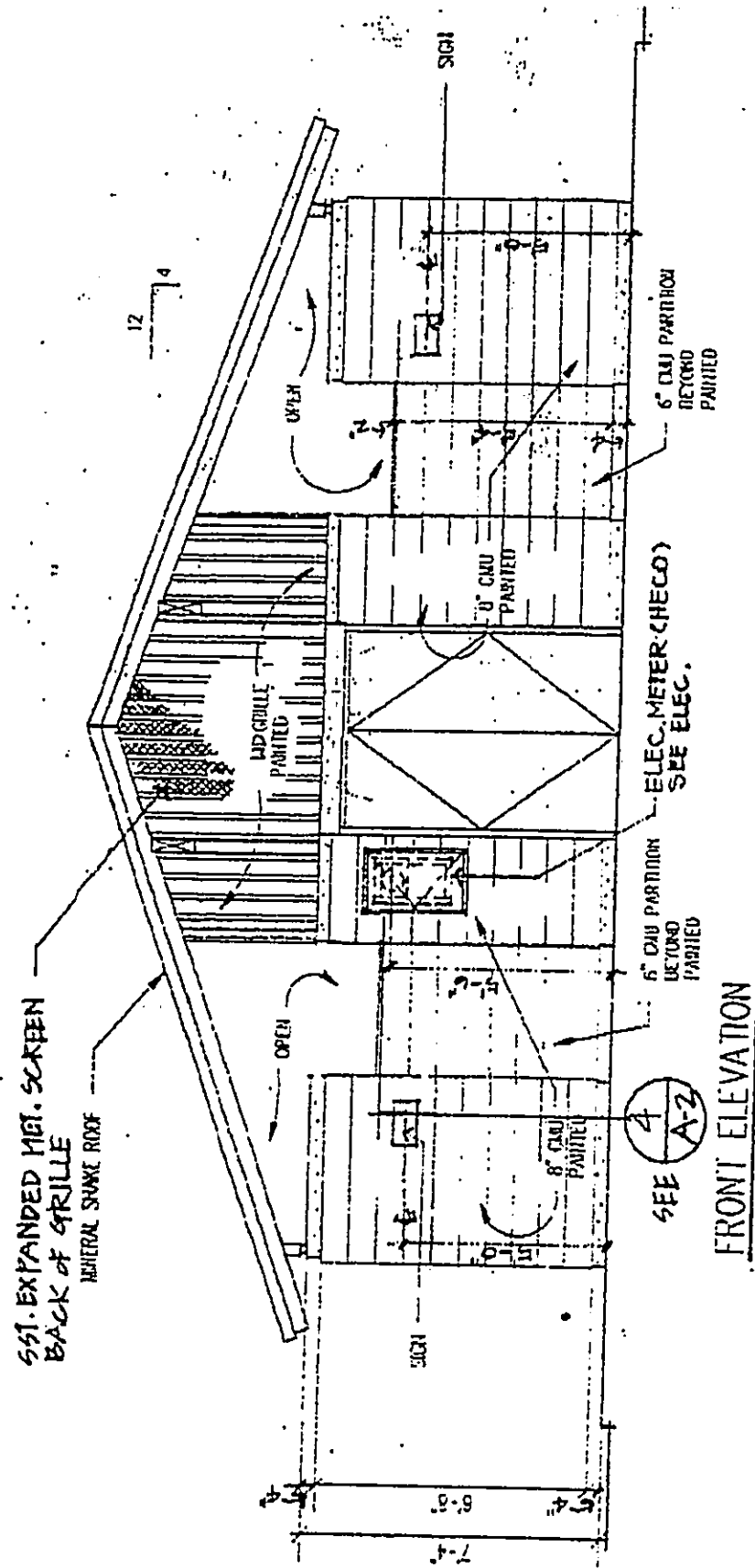
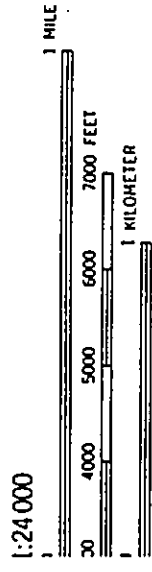


Figure 3F – Typ. Bldg. Elevation, Bathhouse/Comfort Station



Figure 4.
ARCHAEOLOGICAL
SITES



RVAL 40 FEET
MT 20-FOOT CONTOURS

ROAD CLASSIFICATION

- Heavy-duty
- Medium-duty
- Light-duty
- Unimproved dirt
- State Route

MAUI 0.7 MI.
KANEHOE 20 MI.
INTERIOR-GEOLOGICAL SURVEY, RESTON, VIRGINIA-1983
613000m.E
157°5

Appendix A

Lā'ie Beach Park Improvements Master Plan

MASTER PLAN

Lā'ie Beach Park Improvements

Departments of Parks and Recreation • Design and Construction
City and County of Honolulu

July 31, 2000

Prepared by:

Eugene P. Dashiell, AICP
Environmental Planning Services
1314 South King Street, Suite 951
Honolulu, Hawai'i 96814
Telephone/Fax: 593-8330

For:

Austin Tsutsumi and Associates
501 Sumner Street, Suite 521
Honolulu, Hawai'i 96817-5031

Lā'ie Beach Park Project Master Plan

Discussion

A master plan for the park is required as a means of identifying potential projects, areas to be managed or preserved, and the overall objectives for the park. Proposed projects for the park require a Special Management Area Permit (SMAP), Major, because their combined cost is estimated to exceed \$125,000. Application for an SMAP requires preparation of an Environmental Assessment (EA). The EA is required to address the master plan and its project components, and related permits. The EA will go through a public review process during which the public may read the document and they have a 30 - day comment period. Similarly, the SMAP will go through a public review process, including the City Council of Honolulu. A site plan is attached at the end of the master plan narrative (following page 8.) This master plan conforms to the objectives of the Ko'olauloa Development Plan which requires preservation of open space and natural areas for use by residents and visitors.



Figure 1. Laie Beach Park. Note some erosion of tree roots and at access paths.

Vision Team Results

A community vision team has agreed on the need for parking lot pavement, the location of the comfort station and the shower. The team requested the following plan components:

- Preservation of the *red Maunaloa* (a vine with a red flower which grows in one area in the park on the "Pounders" beach side) for community use because the people have a tradition in the area of picking the red flowers for *lei* for special occasions.

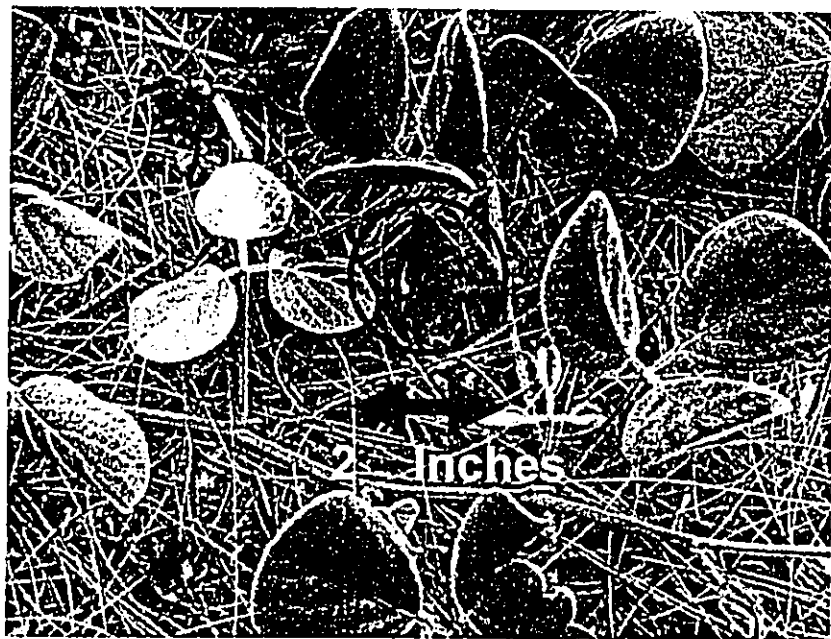


Figure 2. Red Maunaloa flower & vine. Flower is about 2-inches in length.

- Hand clearing of brush from the one acre (approximately) area in the vicinity of the "Pounders" beach.
- Maintenance of open areas adequate to support community events requiring set-up of equipment, pavilion tents and other day camp equipment to support surfing, canoe or kayaking events.
- Consideration of relocation of the existing bus stop to a site near or adjacent to the existing parking lot, and construction of a bench at the bus stop.
- Replacement of the existing concrete piles used for parking lot barriers by a rock wall or other more esthetic material and design in keeping with this classic beach park.

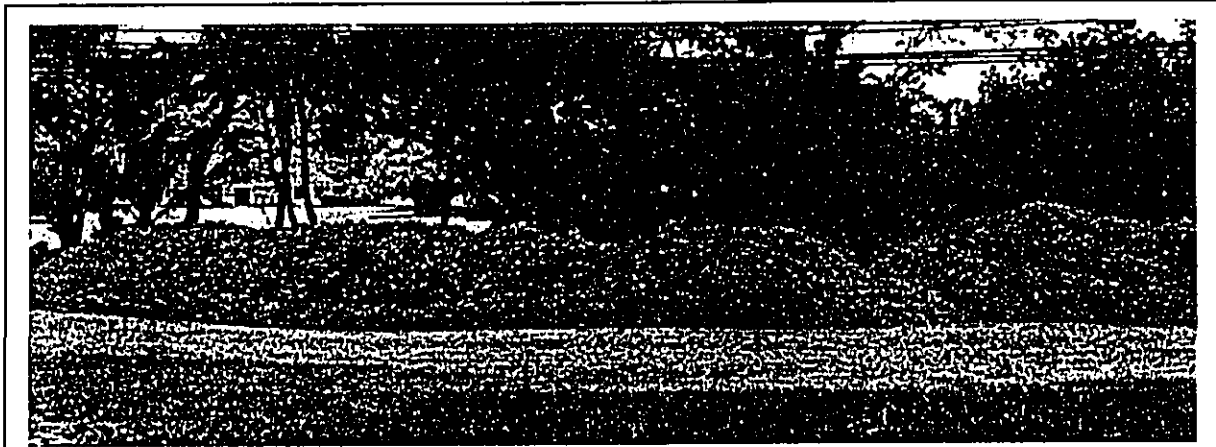


Figure 3. Existing Naupaka "hedge" alongside highway, plantings to be expanded.

- Added *naupaka* plantings between the edge of the park adjacent to the highway.
- Paving of the existing parking lot, landscaping with irrigation, a shower, and a future comfort station.
- Inclusion of approximately three picnic tables, one near the stream, and two others, locations to be decided by community input.

Parks Department Input

Parks Department Staff noted the following:

- The need for a master plan.
- Preservation of the *red maunaloa*.
- The need for the practicality of maintenance and operation in beach parks.
- The need for open areas for equipment, pavilion shade tents, kayaks, canoes, surfboards or other equipment when groups hold major events at the park.

- Inclusion of perhaps three picnic benches to be located in appropriate spots and under trees for shade.

Preliminary Master Plan & Main Objectives/Components

Initial Phase

- Parking Lot Pavement planning and design is presently underway, at site of existing parking lot; construction is intended during this current phase.
- Open Shower planning and design is presently underway. The site has been agreed to by all parties and construction is intended during this current phase.
- Master Plan in process and intended to be completed in this phase.
- Environmental Assessment for all Phases and Components, including master plan and projects recommended therein is in process and is intended to be completed in this current phase.
- Special Management Area Permit application is in process and is intended to be completed in this phase.

Later Phases

- **Comfort Station, Septic Tank and Leaching Field.** The site has been agreed to by all parties and the site is shown on the master plan. Design and construction will be in a later phase although these present EA is intended to cover the comfort sta-

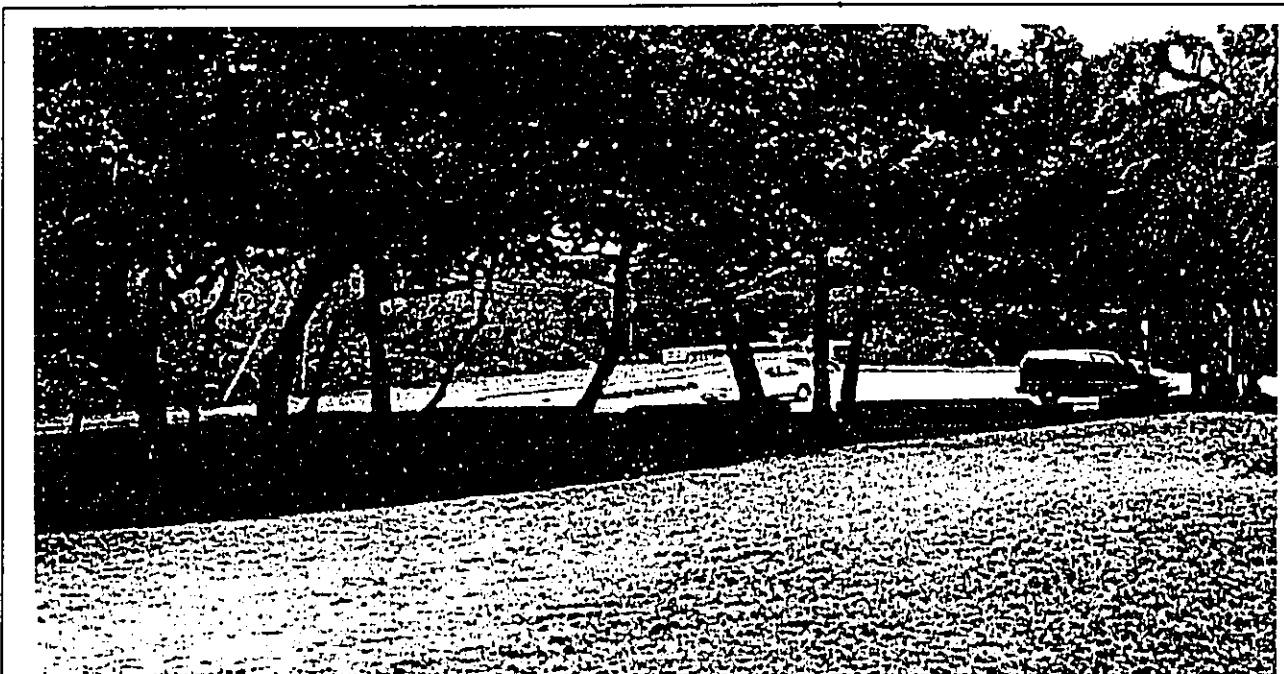


Figure 4. Site of future comfort station.

tion, septic tank and leaching field. Also, off-site water system improvements are expected to be required and these include hook-ups to existing water mains in the vicinity of the park.



Figure 5. Comfort station would be similar to this photo of the new comfort station at Kokololio Park, near Laie Beach Park.

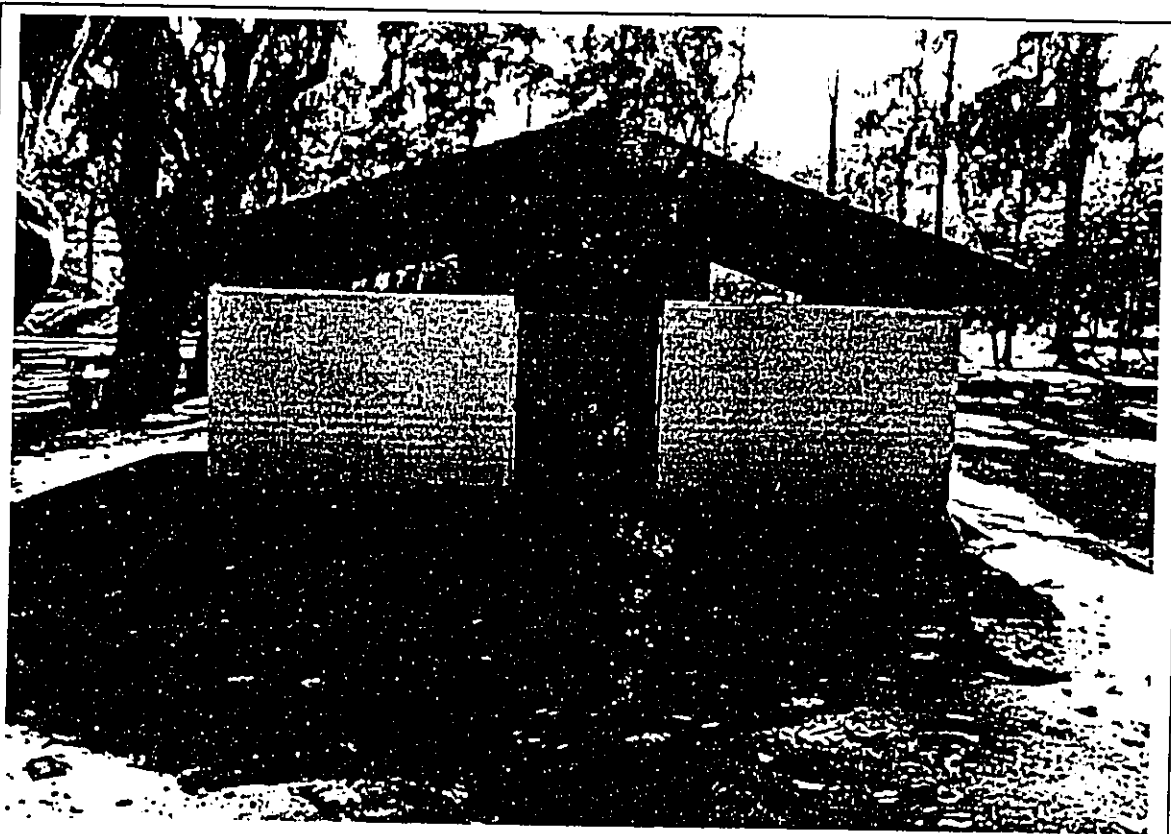


Figure 6. Side view of Kokololio Park comfort station.

- **Geo-textile Fabric or Other Material for Beach Berm Paths** – Recommended for inclusion in master plan, however discussion is required with Parks Department and Vision Team community members. Use of geotextile fabric or other suitable material is proposed for a few of the short paths/trails from the park across the beach berm and vegetation to the actual beach itself. Use of fabric, wood chips, or similar treatment will reduce or prevent erosion of sand from the beach berm caused by pedestrian traffic. Vegetation (*naupaka*, for example)



Figure 7. Typical path from park to beach. Use of fabric, boardwalk, wood chips or other permeable material should be considered for use on paths over sand berm to beach to reduce erosion.

would be encouraged to grow between trails. This is a low-cost, low-maintenance item that has long term benefits for reducing the erosion of sand from the backshore berm. Use of fabric, sandbags, stones, or gabions could be



Figure 8. Erosion of tree roots along beach berm.

considered to protect some sites along the backshore berm where large trees and their root structures are being eroded. These measures would provide a minimal intrusion into the environment, not significantly affect the normal beach processes, and would prolong the life of trees at this site. The actual material to be used should be discussed with the community before final decisions are made. The Parks Department has some experience at other parks with various materials and it would be beneficial to share this experience when the time comes.

- **Vegetation Management** – Vegetation management implies use of existing species. There is in general no apparent need for planting of major shade trees or other vegetation aside from that intended for the parking area itself. Vegetation at the site is well developed, diverse, and healthy. Plants are the types that do well in this windward beach environment. The one acre area near "Pounders" should generally be preserved and maintained as a representation of a typical windward beach strand vegetation regime. This assemblage of plants is not commonly found any more on Oahu and it is unusual for the public to have access to such a well-developed set of plants on Oahu. For the *red Maunaloa* to

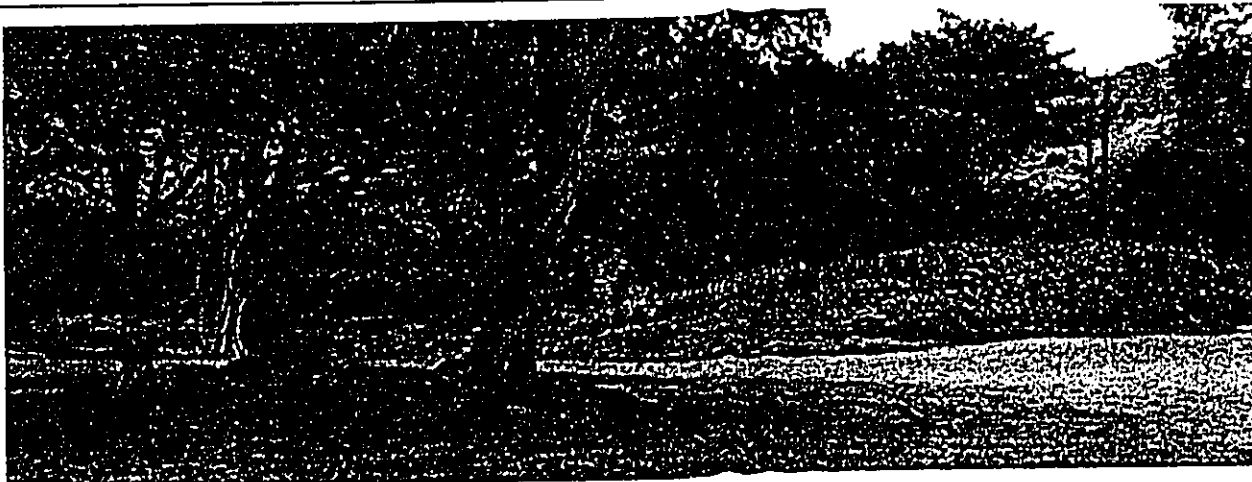


Figure 9. Boundary between grassed area in foreground and vegetation Management area in background.

flourish, it needs to grow over other plants as it is presently doing. This one acre area should be hand cleared, perhaps by community members working in consultation with a botanist so that only minimal clearing is done to foster the existing desirable plants, and to create paths or trails through the vegetation for access and maintenance. Use of heavy equipment to grub or grade the area is not recommended, nor is installation of an irrigation system or lawn. Chain-saws could be used to facilitate clearing if used under proper supervision so that only minor brush is actually removed. These concepts and recommendations are made per discussions with the botanist who inspected the site. An inventory of species and a brief report will be included as part of the master plan and EA. Management of the vegetation can be a joint Parks Department and community effort. For example, youth sports teams, school classes or other groups may be very interested in participating in a form of adoption of this area. The vision team has expressed concern that the vegetation area not be allowed to grow and expand into the existing grass area of the park. Other projects will include

minor brush clearing to maintain trails, and to remove broken glass or other debris.

- **Historic Sites Preservation** – Recommended for inclusion in the master plan. Preservation of the historic sites in the park, especially in the one acre area near "Pounders" is recommended. Remains can be seen of a straight wall constructed of large linear upright coral slabs. This wall alone implies presence of historic use of the area. This area is also directly adjacent to a coral reef hill or outcrop that may have historic sites as well. This area includes paths or trails which lead from the highway to the beach, and to the coral reef hill implying lengthy historic and pre-historic access to the shoreline for fishing, gathering or other cultural or traditional practices. Preservation of this area as part of the

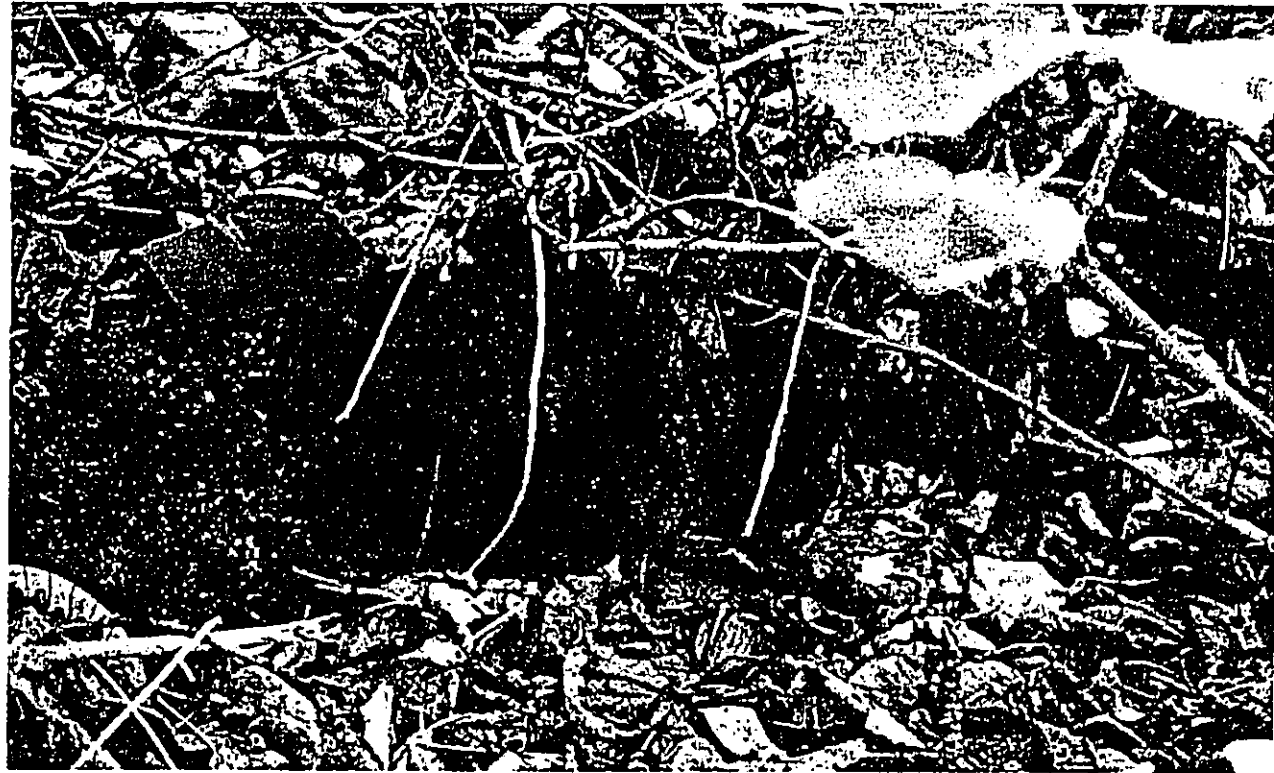


Figure 10. Old coral stone wall (see hat for scale) in managed area.

park itself is recommended to be done in conjunction with vegetation management including some minor hand clearing, and removal of broken glass. Use of heavy equipment is not recommended for grubbing or grading or even traversing the area because such equipment could damage archaeological features beneath the surface of the ground. At some point in the future, this area could be used by as a training area for community archaeology. These concepts and recommendations are made per discussions with the archaeologist who inspected the site. An archaeological report will be submitted to the State Division of Historic Preservation for their comments. Such comments will be included in the master plan and EA. As with the Vegetation Management approach, community-based archaeology may be accomplished by groups, school classes and others interested in the history or pre-history of the site. At present, the concern of the master plan is that the site be stabilized and protected from en-

encroachment by vehicles or heavy equipment because at a later date, sub-surface archaeological investigations may be required.

- **Relocation of the Bus Stop** – The existing bus stop is located some distance from the parking lot which is the actual entryway to the park. The vision team would like the City to consider relocation of the Bus Stop adjacent or near the parking lot, and to construct a bench for those in wait.

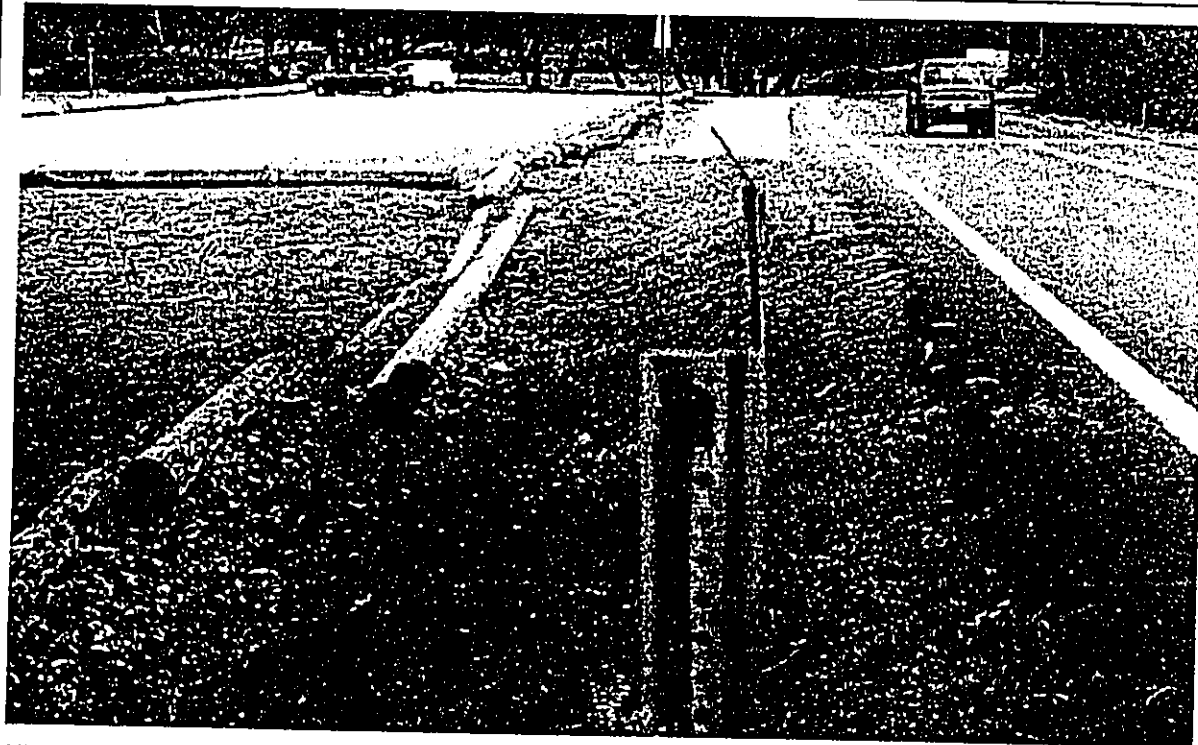


Figure 11. Replace pile and post barriers with rock walls and plantings. Bus Stop could be relocated near parking lot.

- **New Parking Lot Barriers** – Parking lot barriers are presently cut-off concrete piles which lack an esthetic appearance. These should be replaced with a low rock wall, or other more visually pleasing materials.
- **Naupaka Plantings** – More *naupaka* should be planted along the park boundary adjacent to the highway.
- **Picnic Table** – About three picnic tables should be placed in the park under community guidance. One near the stream has been suggested, and the others to be decided. Picnic tables should be placed beneath shade trees. There appear to be several existing trees (*false kamani* for example) which could work for this purpose.

Public Involvement, Future Projects, Community-based Park Management

For years, the "Pounders" site was privately maintained and owned. It is now officially part of Lā'ie Beach Park. The community has a history of participating and stewardship for this park. The work of the vision team illustrates the community

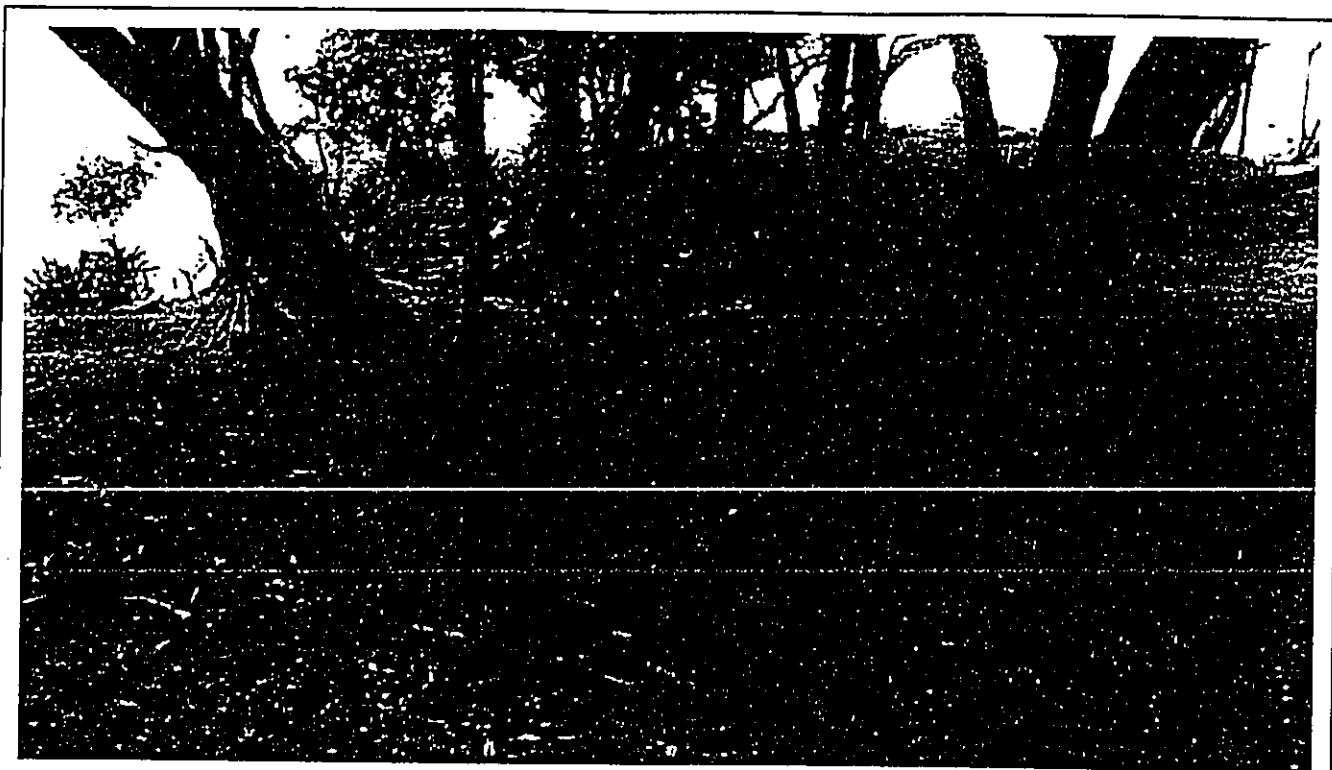


Figure 12. One of several possible picnic table sites.

commitment. In the master plan, several suggestions are made, for example, the location of picnic tables, but in the final result, the community should be part of this decision. It is recommended that the Parks Department consult with community and/or vision team members when the time is right to implement additional plan components. The community members are very cooperative and appreciate being part of the planning process because they are also part of the stewardship of the park.

Boundary of the Vegetation and Historic Sites Managed Area

The boundary of the Managed Area should be flexible and subject to some change over time, depending on the community interest, any changes in knowledge or results of investigations about historic sites, and growth or shifts in vegetation over time. In general, the existing grassed area of the park should be retained, and the Managed Area not allowed to expand. Such decisions can always be put to the community later for their consultation and ideas.

DEPARTMENT OF DESIGN AND CONSTRUCTION
CITY AND COUNTY OF HONOLULU

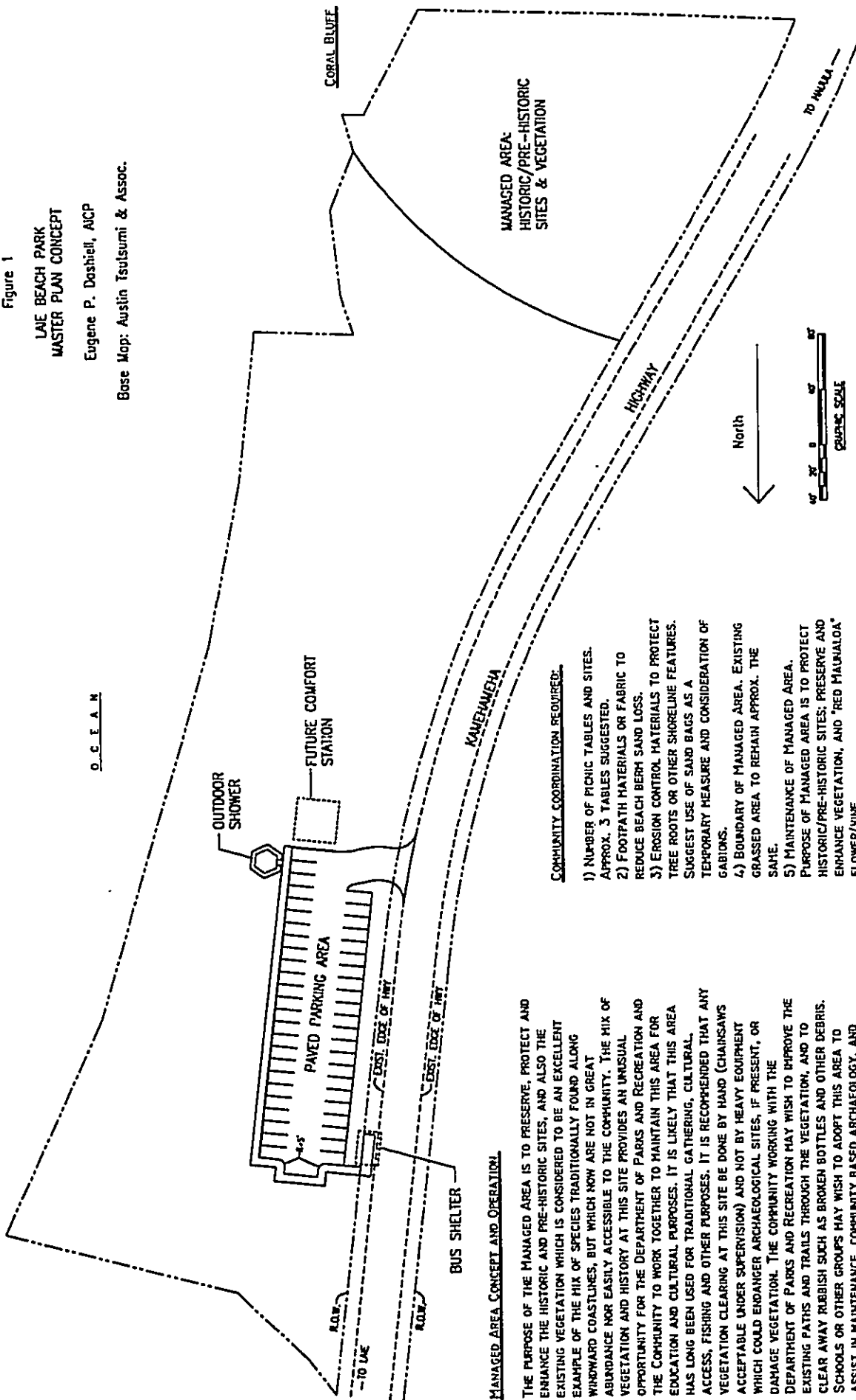
Figure 1

LAI BEACH PARK
MASTER PLAN CONCEPT

Eugene P. Doshielli, AICP

Base Map: Austin Tsutsumi & Assoc.

D. C. E. A. M.



MANAGED AREA CONCEPT AND OPERATION

THE PURPOSE OF THE MANAGED AREA IS TO PRESERVE, PROTECT AND ENHANCE THE HISTORIC AND PRE-HISTORIC SITES, AND ALSO THE EXISTING VEGETATION WHICH IS CONSIDERED TO BE AN EXCELLENT EXAMPLE OF THE MIX OF SPECIES TRADITIONALLY FOUND ALONG WINDWARD COASTLINES, BUT WHICH NOW ARE NOT IN GREAT ABUNDANCE NOR EASILY ACCESSIBLE TO THE COMMUNITY. THE MIX OF VEGETATION AND HISTORY AT THIS SITE PROVIDES AN UNUSUAL OPPORTUNITY FOR THE DEPARTMENT OF PARKS AND RECREATION AND THE COMMUNITY TO WORK TOGETHER TO MAINTAIN THIS AREA FOR EDUCATION AND CULTURAL PURPOSES. IT IS LIKELY THAT THIS AREA HAS LONG BEEN USED FOR TRADITIONAL GATHERING, CULTURAL ACCESS, FISHING AND OTHER PURPOSES. IT IS RECOMMENDED THAT ANY VEGETATION CLEARING AT THIS SITE BE DONE BY HAND (CHAINSAWS ACCEPTABLE UNDER SUPERVISION) AND NOT BY HEAVY EQUIPMENT WHICH COULD ENDANGER ARCHAEOLOGICAL SITES, IF PRESENT, OR DAMAGE VEGETATION. THE COMMUNITY WORKING WITH THE DEPARTMENT OF PARKS AND RECREATION MAY WISH TO IMPROVE THE EXISTING PATHS AND TRAILS THROUGH THE VEGETATION, AND TO CLEAR AWAY RUBBISH SUCH AS BROKEN BOTTLES AND OTHER DEBRIS. SCHOOLS OR OTHER GROUPS MAY WISH TO ADOPT THIS AREA TO ASSIST IN MAINTENANCE, COMMUNITY BASED ARCHAEOLOGY, AND MAINTENANCE OF THE FAVORED, "RED MAINALOA" FLOWER.

COMMUNITY COORDINATION REQUIRED:

- 1) NUMBER OF PICNIC TABLES AND SITES. APPROX. 3 TABLES SUGGESTED.
- 2) FOOTPATH MATERIALS OR FABRIC TO REDUCE BEACH BERM SAND LOSS.
- 3) EROSION CONTROL MATERIALS TO PROTECT TREE ROOTS OR OTHER SHORELINE FEATURES. SUGGEST USE OF SAND BAGS AS A TEMPORARY MEASURE AND CONSIDERATION OF GABIIONS.
- 4) BOUNDARY OF MANAGED AREA. EXISTING GRASSED AREA TO REMAIN APPROX. THE SAME.
- 5) MAINTENANCE OF MANAGED AREA. PURPOSE OF MANAGED AREA IS TO PROTECT HISTORIC/PRE-HISTORIC SITES; PRESERVE AND ENHANCE VEGETATION, AND "RED MAINALOA" FLOWER/VINE.

North



GRAPHIC SCALE

Appendix B

Botanical Report

botanical consultants

240 makee road #7b honolulu, hawaii 96815 (808) 923-4193 fax (808) 923-4193

August 1, 2000

Mr. Eugene Dashiell
1314 South King Street, Suite 959
Honolulu, Hawaii 96814

Dear Gene,

On July 17, 2000 I surveyed Laie Beach Park and the proposed addition site located at the southwestern end of the park. I found the species composition of the vegetation of the area to be rather narrow (approximately twenty species) and to be made up of mostly introduced plants. About twenty percent of the flora is indigenous to the Hawaiian Islands (found naturally in Hawaii and other places. The indigenous species include hunakai (*Ipomoea imperati* (Vahl.) Grieb.), beach morning glory (*Ipomoea pes-caprae* (L.) R. Br.), akulikuli (*Sesuvium portulacastrum* (L.) L.), seashore rush (*Sporobolus virginicus* (L.) Kunth, and naupaka (*Scaevola sericea* Vahl.). Two others, coconut (*Cocos nucifera* L.) and hala (*Pandanus tectorius* S. Parkinson ex Z.. are believed to be Polynesian introductions. The remaining species are considered to be alien or introduced taxa. I will append a list of all taxa found on the site for your use.

A magnificent forest of introduced trees, shrubs, and vines is to be found on the proposed addition area. The lead into the forest from the existing park is a wind sheared assemblage of beach morning glory, maunaloa vine (*Canavalia cathartica* Thouars.), naupaka, and hau (*Hibiscus tiliaceus* L.). The vegetation of the densely forested area is mostly false kamani trees (*Terminalia catappa* L.) forty to fifty feet in height interspersed

with ironwood (*Casuarina equisetifolia* L.), hala, hau, and coconut trees that are also windsheared by the almost constant ocean breezes. There is very little under story or sub canopy vegetation. The most frequently found ground layer plants are false kamani seedlings and saplings.

Retention of this forested area as an integral part of the park would make Laie Beach Park unique among city owned windward beach parks. It would become one of the few beach parks that contain a forested area. In addition this wooded area offers the opportunity for creative use of a unique area. For example an adventure trail interlaced through the woody vegetation including the hau thicket would be fun for both children and adults while still retaining the unique assemblage of trees, shrubs, and vines found on the site.

Park planners could flag the adventure trail pathway and the actual creation of the trail could become a community project. There is also space among the big trees for the creation of a few semi private camp sites. After the restrooms are built, overnight camping would be a possible family or group activity. Safe campfire or bar-b-Que. sites might also be included.

Please call me if you have any questions or want any changes.

Yours truly,

Evangeline J. Funk, Ph.D.

LIST OF PLANTS FOUND ON THE LAIE BEACH PART SITE

MONOCOTS

ARECACEAE – Palm Family

Cocos nucifera L. Coconut Poly. Intro.

LILIACEAE - Lily Family

Crinum asiaticum L. Crinum lily Introduced

PANDANACEAE Screw Pine Family

Pandanus tectorius S. Parkinson ex Z. Hala Poly. Intro.

POACEAE – Grass Family

Cynodon dactylon (L.) Pers. Bermuda grass Introduced
Panicum maximum Jacq. Guinea grass Introduced
Paspalum conjugatum Bergius Hilo grass Introduced
Sporobolus virginicus (L.) Kunth Seashore rush Indigenous

DICOTS

AIZOACEAE – Fig-marigold Family

Sesuvium portulacastrum L. 'Akuliluli Indigenous

ASTERACEAE – Sunflower Family

Wedelia trilobata (L.) Hitchc. Wedelia Introduced

BORAGINACEAE – Borage – Family

Tournefortia argentea L. fil. Tree heliotrope Introduced

CASUARINACEAE – She-oak Family

Casuarina equisetifolia L. Ironwood Introduced

COMBRETACEAE – Indian Almond Family

Terminalia catappa L. False kamani Introduced

CONVOLVULACEAE - Morning Glory Family

Ipomoea imperati (Vahl.) Griseb. Hunakai Indigenous
Ipomoea pes-caprae (L.) R. Br. Beach morning glory “

FABACEAE – Bean Family

Canavalia cathartica Thouars Maunaloa vine Introduced

GOODENIACEAE – Goodenia Family

Scaevola sericea Vahl Naupaka Indigenous

MALVACEAE – Hibiscus Family

Hibiscus tiliaceus L. Hau Indigenous

NYCTAGINACEAE – Four-o'clock Family

Boerhavia repens L. Alena Indigenous

PLANTAGINACEAE – Plantain Family

Plantago major L. Laukahi Introduced

RHIZOPHORACEAE – Mangrove Family

Rhizophora mangle L. Red mangrove Introduced

Appendix C

Archaeological Report

Aki Sinoto Consulting - Cultural Resource Management
2333 Kapiolani Blvd. No. 2704, Honolulu, Hawaii 96826 Tel (808)941-9538 Fax (808)942-1096

August 3, 2000

Mr. Eugene P. Dashiell
Eugene P. Dashiell Environmental Planning
1314 South King Street, Suite 951
Honolulu, Hawai'i 96814

Dear Mr. Dashiell:

Subject: Archaeological Assessment of Laie Beach Park

The following comments and recommendations are presented pursuant to the field inspection of Laie Beach Park (TMK:5-5-01:48,49,&50) undertaken on 10 July 2000 and subsequent literature search conducted at the State Historic Preservation Division (SHPD) library. The project area is located in La'ie *ahupua'a*, Ko'olauloa District, on the northeastern coast of O'ahu Island. Popularly known as Pounders or Caldwell's, this beach, fronting Kamehameha Highway, is located between Laniloa Beach to the north and Mahakea Beach to the south.

During the field visit, several extant surface features were observed within parcel 50, the southernmost area adjacent to the limestone outcrop. These features consisted of a linear, limestone-slab wall; a trail or path along the northern base of the limestone outcrop, and some overhang shelters on the northern side of the limestone outcrop. In addition, some previously excavated pits were seen in a flat area beside the wall with some fragments of historic glass bottles. These features are attributed to modern bottle-hunters. No exposed cultural deposits or other surface remains were present along the beach berm or stream bank within parcels 48 or 49.

The literature search produced several pertinent references regarding the archaeology and historical background of the current project area. Two previous studies were conducted within the boundaries of the beach park (Clark 1979 and Connolly 1980) and another study (Hammatt 1989) was completed for the lot adjoining to the south. Four previously recorded archaeological features are present within the current project area. These are; Site 50-80-02-4049, a large area of cultural deposition, behind the beach berm, encompassing parcels 48 to 50, defined through auger testing (20 out of 80 auger holes and 4 test pits indicated cultural deposit), one burial located on the beach below the berm, one burial located close to Kamehameha Highway near the boundary between parcels 48 and 49, and another burial exposed by large surf at the edge of the limestone outcrop on the beach. Three other sites, 3389 (a limestone shelter), 4050 (a limestone habitation shelter), and 4705 (a burial in a deep crevice in the limestone outcrop) occur in the adjoining area to the south.

Thus, adequate evidence exists to consider the project area to be archaeologically sensitive. Although, an archaeological inventory survey would normally be required; an adequate body of data that would fulfill SHPD inventory survey report guidelines is available in several previous reports. The subsurface surveys conducted by Connolly (O-105) within the beach park area and Hammatt (O-530) in the adjoining parcel, when considered in conjunction with the historic backgrounds presented by Hammatt (O-944) and the summary of previous research presented in more recent reports by Kennedy (O-928 & O-964) provide ample data to evaluate the significance of extant remains based upon the Hawaii Register of Historic Places criteria. The significance of

Mr. Eugene P. Dashiell
August 3, 2000
cont'd

page 2

the buried deposit (4049) and linear wall is criterion D, based on the data yielded thus far or yet to be yielded from further research. All burials are assigned criterion E, based on contemporary cultural significance to people of Hawaiian descent.

In view of the limited availability of funding, the completion of a formal inventory survey is considered unfeasible. Rather, we feel that the preparation of a cultural resource management plan in conjunction with the park master plan would better serve this particular situation. Since the proposed park improvements are to be implemented in phases, pertinent sections of this plan, such as a burial treatment plan, preservation plan, or data recovery plan can be appropriately applied in conjunction with the design and planning stages for each phase of the proposed procedures. Concurrence from SHPD would be required, not only to waive the inventory phase, but for each component of the cultural resource management plan. We feel that this would be a practical and workable strategy for the current project area.

The plan would propose *in situ* preservation of any inadvertently discovered burials, whenever possible, along with adequate buffer zones and appropriate surface treatments (capping, landscaping, etc.) agreed upon by SHPD and the O`ahu Island Burial Council. The linear wall will also be recommended for preservation and the surrounding areas largely left as is, with selective manual clearing of low cover vegetation and protection of the red *maunaloa* vines. A trail system to visit the wall and other archaeological features in the limestone outcrop could also be developed. Data recovery, in the form of controlled areal excavations, would be undertaken in specific portions of the Site 4049 cultural deposit, slated to be disturbed by proposed park improvement activities. Much of these activities could also be coordinated through educational or stewardship programs involving schools and interested community groups.

Should you have any questions or comments, please do not hesitate to contact me at the above numbers.

Sincerely,



Aki Sinoto
Consulting Archaeologist

attachment: list of references cited

References Cited

Clark, Stephan D.

- 1979 *Scope of Work for Archaeological Investigations at Laie Beach Park*. Proposal on file at Facilities Development Division, Dept. of Parks and Recreation, C&C of Honolulu.

Connolly, Robert D. III

- 1980 *Intensive Sub-surface Archaeological Reconnaissance Survey of the Laie Beach Park Site (TMK: 5-5-01:3,4,5,6,48&49), Laie, Island of O'ahu*. Prepared for the C&C of Honolulu, Dept. of Parks and Recreation. Archaeological Research Associates. Honolulu. (O-105)

Hammatt, Hallett H.

- 1989 *Archaeological Reconnaissance of a 2.8-acre Parcel at La'ie, O'ahu*. Prepared for Stone and Stone. Cultural Surveys Hawaii. Kaneohe. (O-530)

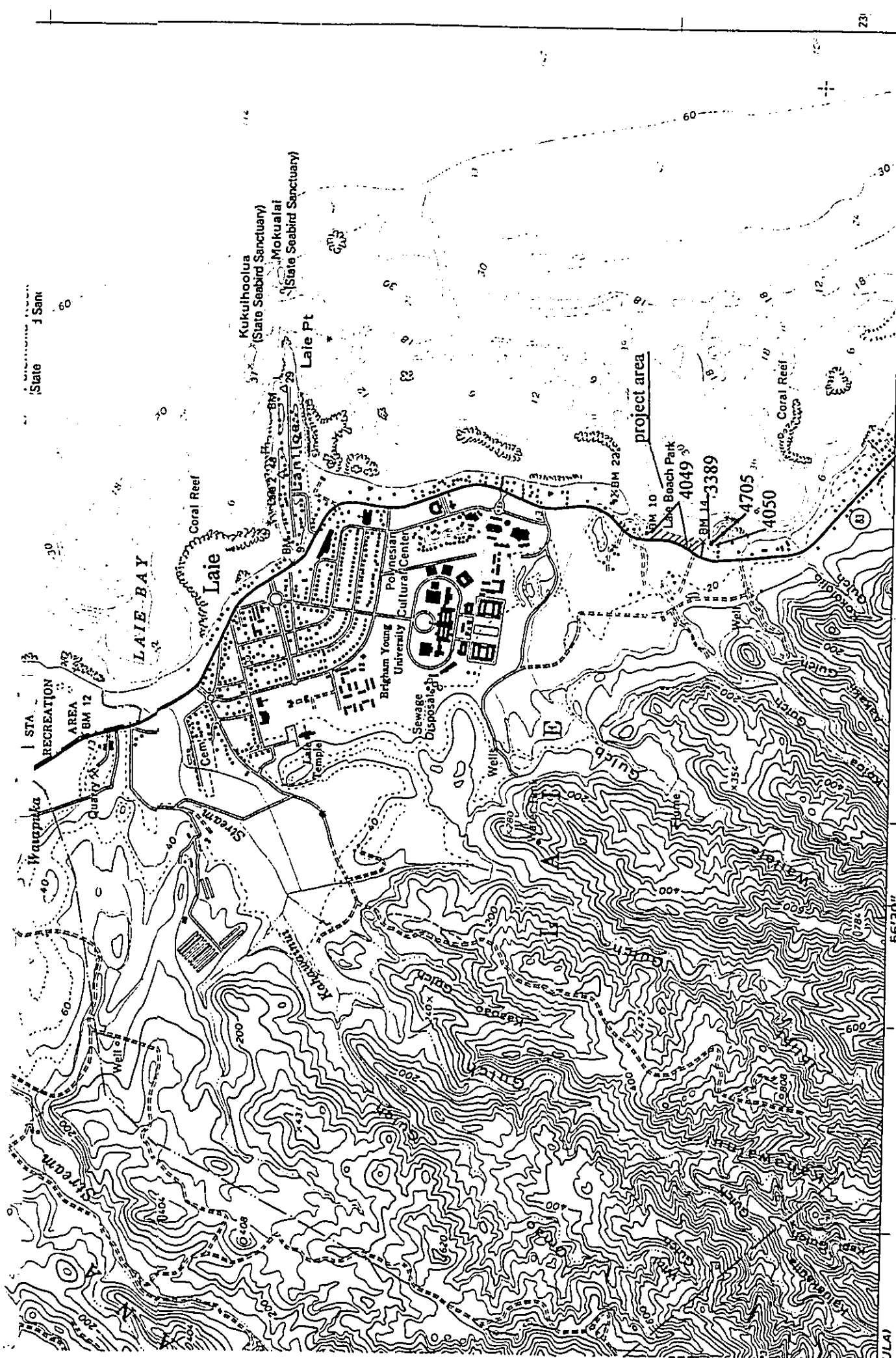
- 1990 *Archaeological Survey of the La'ie Sewer Plant with Historical Background of La'ie Ahupua'a*. Prepared for James Pedersen. Cultural Surveys Hawaii. Kaneohe. (O-944)

Kennedy, Joseph; Tim Denham; and James R. Moore

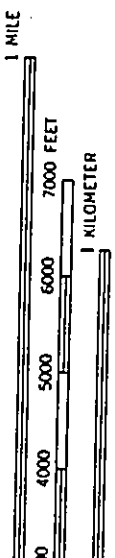
- 1992 *An Archaeological Inventory Survey and Subsurface Testing for the Proposed Kokololio Beach Park Located at TMK: 5-5-01:54, Laiemaloo Ahupua'a, Koolauloa District, Island of Oahu*. Prepared for Park Engineering. Archaeological Consultants of Hawaii, Inc. Haleiwa. (O-928)

Kennedy, Joseph; James R. Moore; and Laura Reintsema

- 1992 *An Archaeological Data Recovery Report for the Proposed Kokololio Beach Park Located at TMK:5-5-1:54 La'iemalo'o Ahupua'a, Koolauloa District, Island of Oahu*. Prepared for Park Engineering. Archaeological Consultants of Hawaii, Inc. (O-964)

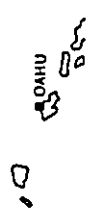


ULAI
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 INTERIOR-GEOLOGICAL SURVEY, RESTON, VIRGINIA - 1982
 613000m E
 HAUULA 0.7 MI.
 KANEHOE 20 MI.
 157° 5'
 21° 56' 30"



ROAD CLASSIFICATION

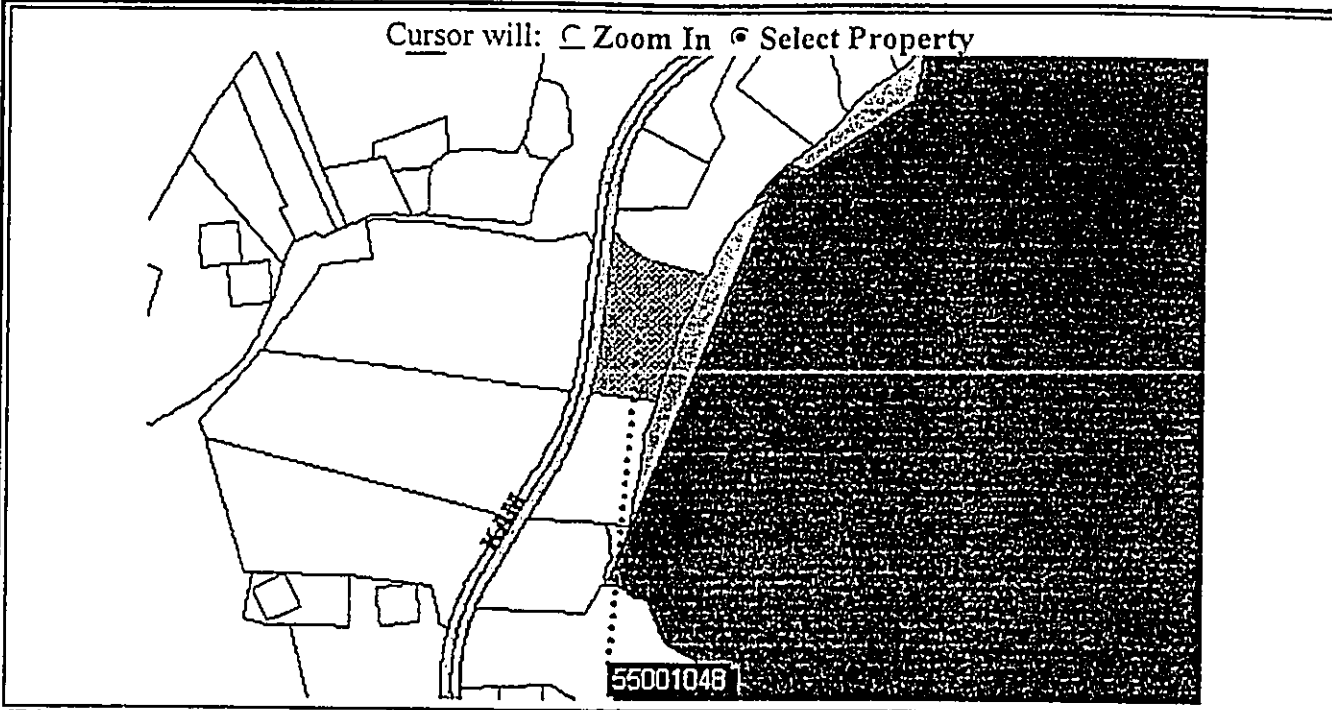
Heavy-duty	Light-duty
Medium-duty	Unimproved dirt
	State Route




Appendix D

Tax Key Maps and Zoning

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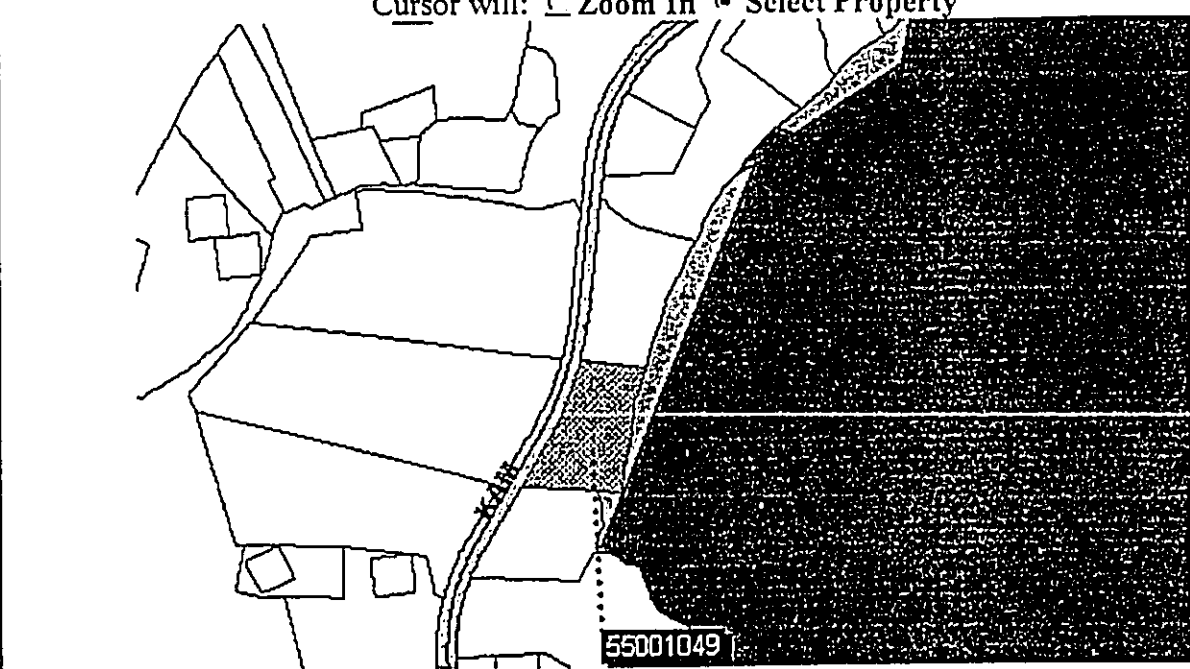


55001048




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APART.No:	No Data
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City:	No Data
Zipcode:	00000
Address:	No Data
Activity code:	membership recreation (country clup, golf club)
Facility code:	park
State landuse:	Urban
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Permit number:	No Data
Permit date:	No Data
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Census Block:	219
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Land Value:	572100
Land use ordilance:	P-2 General

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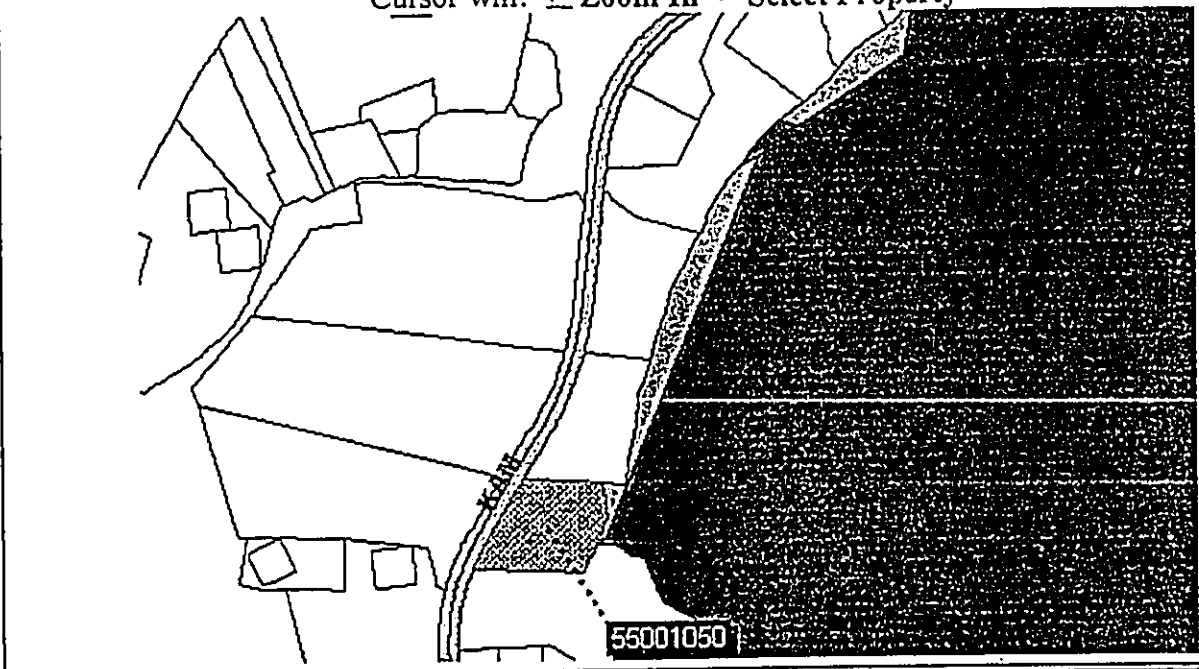
55001049




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Facility code:	park
State landuse:	Urban
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Year built:	0
SQFT:	64295
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Permit date:	No Data
Census Tract:	102.02
Census Block:	219
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55001050



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Facility code:	park
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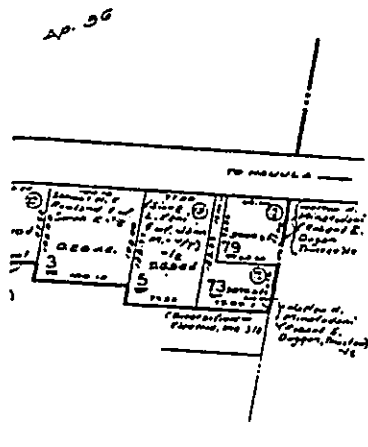
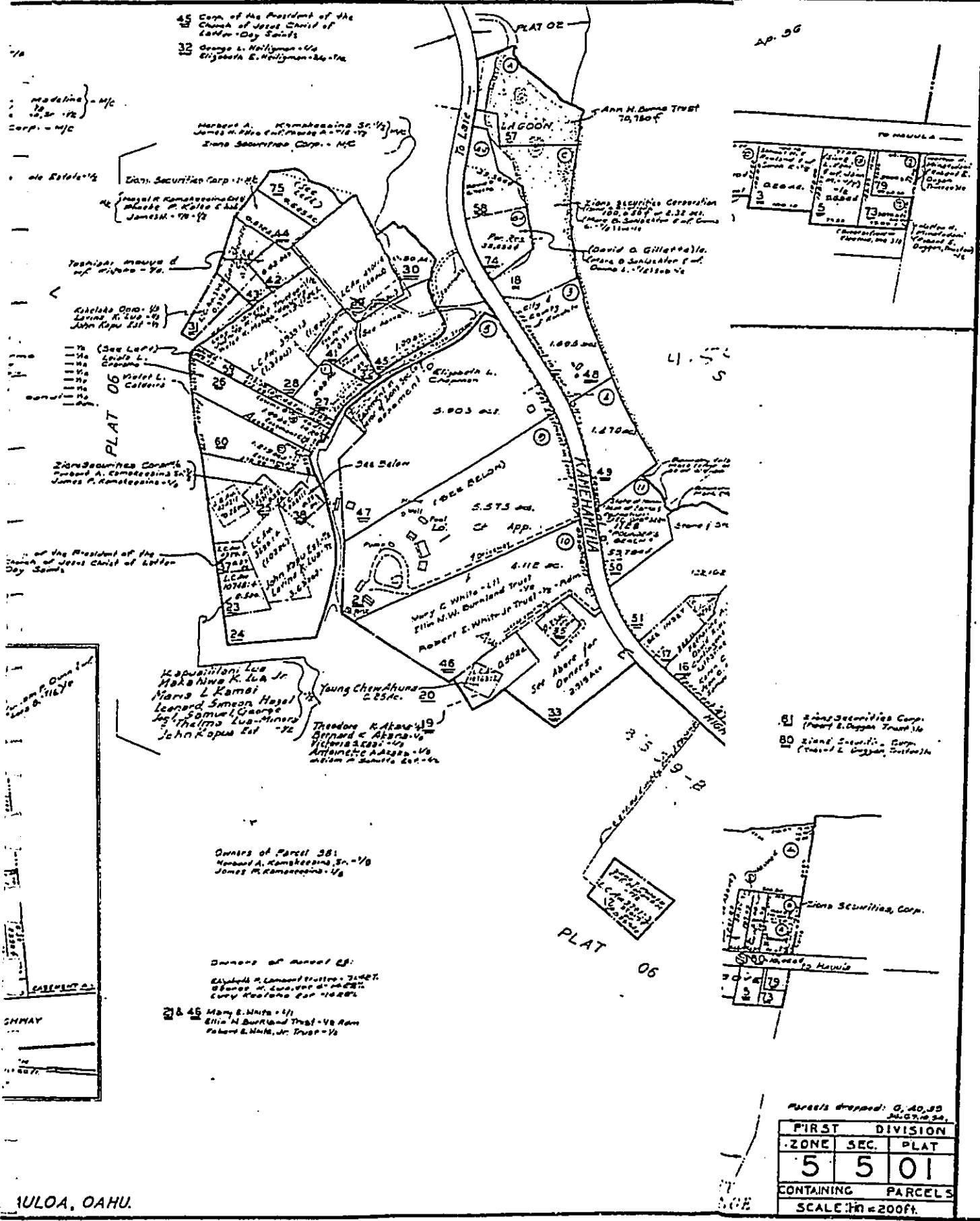
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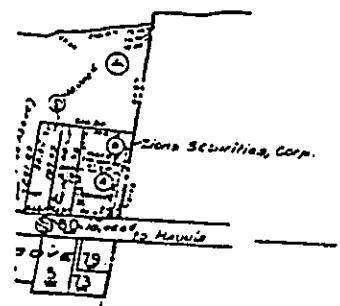


Select Map Type from the list, then click [display map type] Button

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- 81 Zion Securities Corp. (Pearl & Duggan Trust)
- 80 Zion Securities Corp. (Pearl & Duggan Trust)



PARCELS DROPPED: 6, 40, 39
10, 27, 10, 34

FIRST DIVISION		
ZONE	SEC.	PLAT
5	5	01

CONTAINING PARCELS
SCALE: 1" = 200 FT.

HONOLULU, OAHU.

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Appendix E

Correspondence Related to the the
Draft Environmental Assessment

October 3, 2000

Eugene P. Dashiell, AICP
Environmental Planning Services
1314 South King Street, Suite 951
Honolulu, Hawaii 96814

Randall K. Fujiki, AIA
Director
Department of Planning and Permitting
City and County of Honolulu
650 South King Street
Honolulu, Hawaii 96813

Dear Mr. Fujiki:

Subject: Special Management Area Use Permit (SMP) Laie Beach Park Master Plan and Draft Environmental Assessment

Thank you for your comments of September 28 regarding the subject project. I have incorporated your comments and our responses into the subject documents as follows:

- a. **Shoreline** – The requirement for shoreline variance approval, either as a minor or other structure, and the consequent need also for a certified shoreline survey is noted and stated in the EA.
- b. **Project Description** – The EA includes more detailed descriptions of the parking lot barriers and comfort station. The locations of the septic tank and leach field proposed in Phase Two are shown on the Master Plan Concept drawing and parking lot lighting is described.
- c. **Flood** – The EA includes the description of the flood elevations and notes that applicable rules and regulations will be followed.
- d. **Archaeology** – The EA notes that an archaeological inventory survey will be completed and reviewed by the Historic Preservation Division, State of Hawaii, prior to excavation work of more than 6-inches in depth.
- e. **Drainage** – The EA includes descriptions of the drainage and the change in storm water runoff due to paving of the parking lot.
- f. **Wildlife** – The EA states that no listed species are identified in the park, but also notes that there may be night-flying birds and mammals (bats) and that sea turtles may use or have used the beach. There are existing highway lights and the parking lot lights will match these for type. The EA recommends as mitigation for any possible impacts of added lights, that the park's parking lot lights be turned off at night when the park is closed.

Sincerely Yours



Eugene P. Dashiell

Copies to: Depts. of Parks and Recreation, and Design and Construction, and Austin Tsutsumi and Associates

DEPARTMENT OF PLANNING AND PERMITTING
CITY AND COUNTY OF HONOLULU

650 SOUTH KING STREET • HONOLULU, HAWAII 96813
TELEPHONE: (808) 523-4414 • FAX: (808) 527-6743 • INTERNET: WWW.CC.HONOLULU.HI.GOV



SCREEN MARKS
MARKS

RANDALL K. FUJIKI, AIA
DIRECTOR
LORETTA K. C. CHEE
SENIOR DIRECTOR

2000/SMA-53 (ask)
2000/ED-10

September 28, 2000

Eugene P. Dashiell, AICP
Environmental Planning
1314 South King Street
Honolulu, Hawaii 96814

Dear Mr. Dashiell:

Special Management Area Use Permit (SMP)
Laie Beach Park Master Plan
Tax Map Key 5-5-11-48, 49, and 50

We are forwarding copies of comments we received (previously faxed), as well as our comments, relating to the Draft Environmental Assessment (EA) for the Laie Beach Park Master Plan. In accordance with the provisions of Chapter 343, Hawaii Revised Statutes, you must respond to these comments and any other which were received during the 30-day public comment period. The final EA must include these comments and responses, as well as revised text, where appropriate.

We understand that the Laie Beach Park Project was developed with input from the Laie Community Vision Team and that the applicant hopes to obtain development permits by the end of November 2000. Toward that effort we have expedited this and several other vision team projects to the extent allowable by law. As the Special Management Area Use Permit (SMP) ultimately requires City Council approval, we suggest the applicant communicate the time urgency to the City Council to assure the SMP is placed on agendas in a timely manner.

Our comments, many of which you have discussed with Ardis Shaw-Kim of our staff, are listed below:

Shoreline

According to the Draft EA, erosion control measures such as installation of plastic matting in high traffic areas, may be

Eugene P. Dashiell, AICP
Page 2
September 28, 2000

located within the shoreline setback. Although not described in detail or identified on the site plan, the proposed erosion control measures appear to qualify as minor shoreline structures as defined in Chapter 15 of our Shoreline Rules. Prior to installing these improvements, the applicant must obtain an approval for a minor structure within the shoreline setback. If these structures fail to qualify as a minor structure a shoreline setback variance will be required. Both applications require the submittal of a current certified shoreline survey.

Project Description

The final EA should provide a more detailed description of the proposed parking lot barriers and the comfort station. We recommend that "typical" illustrations be provided. Maximum dimensions should be identified.

The location of the proposed septic tank and leach field should be shown on the site plan.

The final EA should describe the type of lighting that will be provided.

Flood

The Final EA should confirm that the comfort station will be elevated above the base flood elevation.

Archaeology

Note that the State Historic Preservation Division (HPD) recommends that an archaeological inventory survey be conducted prior to ground alteration exceeding six inches in depth. It is our understanding that grading for the proposed parking lot and excavation for the footing of the CFM wall and water lines, all of which are in Phase One of the project, will trigger this requirement. We suggest the applicant take needed measures so that the recommendation of the HPD can be satisfied.

Drainage

The Final EA should describe drainage patterns and stormwater runoff volumes. How will these change as a result of the proposed project?


Eugene P. Dashiell, AICP
Page 3
September 28, 2000

Wildlife

The Final EA should disclose if there are any endangered species on or in the vicinity of the project site. If present, how will these species be impacted by the project? Have endangered turtles nested in the vicinity of the project?

If you have any questions on this matter, please contact Ardis Shaw-Kim of our staff at 527-5349.

Sincerely yours,


For RANDALL K. FUJIKI, AIA
Director of Planning and
Permitting

RKF:lg
Enclosures
page no. 5744

cc: William D. Balfour, Jr. Department of Parks & Recreation
Howard Koza, Department of Parks & Recreation
Don Fujii, Austin Tsutsumi & Associates



DISABILITY AND COMMUNICATION ACCESS BOARD

919 Ala Moana Boulevard, Room 101 • Honolulu, Hawaii 96814
Ph: (808) 556-8131 (V/TDD) • Fax: (808) 556-8179

October 3, 2000

Eugene P. Dashiell, AICP
Environmental Planning Services
1314 South King Street, Suite 951
Honolulu, Hawaii 96814

Francine Wai
Executive Director
Disability and Communication Access Board
919 Ala Moana Blvd., Room 101
Honolulu, Hawaii 96814

Dear Ms. Wai:

Subject: Special Management Area Use Permit (SMP) Laie Beach Park Master Plan and Draft Environmental Assessment

Thank you for your comments of September 22 regarding the subject project. I have incorporated your comments and our responses into the subject documents as follows:

- a. The EA notes that the proposed project is subject to approval by your agency under your suggested guidelines.
- b. The EA notes that the final construction plans must be reviewed by your agency.

Sincerely yours,

Eugene P. Dashiell

Copies to: Depts. of Parks and Recreation, and Design and Construction, and Austin Tsutsumi and Associates

September 22, 2000

Mr. Eugene P. Dashiell, AICP
Environmental Planning Services
1314 South King Street
Suite 951
Honolulu, HI 96814

Subject: La'ie Beach Park Improvements and Master Plan
Draft Environmental Assessment dated August 2000
TAM: 5-501-8, 49, 50
Location: Kō Olouloa, O'ahu, Hawai'i

Dear Mr. Dashiell,

The Draft Environmental Assessment for the La'ie Beach Park Improvements and Master Plan has been submitted to our office for comment. The purpose of our review is to ensure that the programming, schematic, and design development phases of this proposed project take into account accessibility for persons with disabilities. The following comment elements addressing accessibility for the two phase development planned for the La'ie Beach Park improvements are listed below:

- First development phase: Parking lot paving, landscaping and outdoor showers
- Later development phases: Comfort station, relocation of bus stop, picnic benches, foot paths, access to land, beach, and water recreation activities

The program plan should ensure that all features and routes incorporate appropriate and accessible walking surfaces not only from accessible parking to the planned activity areas, but also to applicable outdoor features of interest. Accessibility is mentioned in terms of the new pathway. For your reference, the U.S. Access Board's Regulatory Negotiation Committee has published the "Final Report on Accessibility Guidelines for Outdoor Developed Areas" in September 1999. It will provide this project with additional information such as how to provide accessible outdoor rinsing showers that may be helpful in the overall planning of the site.

This project falls within the scope of the Americans with Disabilities Act (ADA) Title II, covering state and local governments, and §103-50 Hawaii Revised Statutes (HRS). Although the technical requirements are nearly identical, there may be areas of difference. Also, §103-50 HRS contains a requirement for a review process by the Disability and Communication Access Board. We suggest you provide a general accessibility statement under "Section 5. List of All Approvals and Permits Required."

Eugene P. Dashiell, AICP
September 22, 2020
Page 2

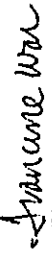
5. Chapter 103, Hawaii Revised Statutes

"All buildings, facilities, and sites shall be designed to meet the Americans with Disabilities Act Accessibility Guidelines and the requirements of §103-50 Hawaii Revised Statutes (HRS). Buildings, facilities, and sites shall incorporate the best design practices noted in the recommendations from the U.S. Architectural and Transportation Barriers Compliance Board's Regulatory Negotiation Committee Final Report, "Accessibility Guidelines for Outdoor Developed Areas" published in September 1999, or when applicable, other more current documents providing guidelines for outdoor recreational areas."

The above reflects staff technical assistance comments. They do not reflect our Board's approval or disapproval of the plan, per se. There are no further comments to offer at this time. Thank you for giving us this opportunity to provide comment on this Plan.

If you have questions or concerns, please feel free to contact Mr. Gary L. Burcheller, Facility Access Specialist, or Mr. Ben Gorspé, Access Coordinator, at 586-8121.

Sincerely,


FRANCINE WAI
Executive Director

cc: File

October 3, 2000

Eugene P. Dashiell, AICP
Environmental Planning Services
1314 South King Street, Suite 951
Honolulu, Hawaii 96814

Genevieve Salmonson
Director
Office of Environmental Quality Control
236 South Beretania Street, Suite 702
Honolulu, Hawaii 96813

Dear Ms. Salmonson:

Subject: Special Management Area Use Permit (SMP) Laie Beach Park Master Plan and Draft Environmental Assessment

Thank you for your comments of September 28 regarding the subject project. I have incorporated your comments and our responses into the subject documents as follows:

- a. Comfort Station, Septic Tank and Leach Field. The EA notes that there are no nearby existing or planned sewage transmission lines. The nearest, planned, line, will be about one quarter mile away. The situation will be reviewed during planning and design, and the review process by the State Department of Health, during Phase Two of the project.
- b. Cultural Impacts. Cultural impacts are discussed in main narrative of the EA, and not in the Archaeological report in Appendix C. The discussion of cultural impacts has been lengthened in the main narrative of the EA.

Sincerely yours,


Eugene P. Dashiell

Copies to: Depts. of Parks and Recreation, and Design and Construction, and Austin Tsutsumi and Associates

BENJAMIN J. CAYETANO
SECRETARY



STATE OF HAWAII
OFFICE OF ENVIRONMENTAL QUALITY CONTROL

236 SOUTH BERETANIA STREET
SUITE 702
HONOLULU, HAWAII 96813
TELEPHONE (808) 586-1188
FACSIMILE (808) 586-4188

September 21, 2000

GENEVIEVE SALMONSON
DIRECTOR

'00 SEP 27 PM 2 10
CHY: [unclear] HONOLULU

Mr. Randall K. Fujiki, Director
Department of Planning and Permitting
City and County of Honolulu
650 South King Street
Honolulu, Hawaii 96813

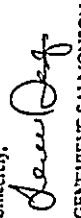
Dear Mr. Fujiki:

Having reviewed the draft environmental assessment for the City's proposed La'ie Beach Park Improvements, we offer the following comments for your consideration.

1. COMFORT STATION, SEPTIC TANK AND LEACH FIELD. Please explore the possibility of working out an agreement with Hawai'i Reserves Inc., on hooking up to their sewage treatment plant to treat wastes at its sewage treatment plant (with future mitigation to prevent subsurface contamination of groundwater, if needed).
2. CULTURAL IMPACTS. The archaeological report presented in Appendix C needs to also include interviews with knowledgeable cultural practitioners in the La'ie and Ko'olauloa areas. Chapter 343, Hawai'i Revised Statutes now requires that these cultural impacts be assessed (see enclosed copy of Act 50, SLH 2000). A copy of the Environmental Council's guidelines for assessing cultural impacts is enclosed for your use.

If there are any questions, please call Leslie Segundo of my staff at (808) 586-1188. Thank you for the opportunity to comment.

Sincerely,


GENEVIEVE SALMONSON
Director

Enclosures

cc: Charles L. Morgan, Planning Solutions
Jeffrey Lee, Department of Planning and Permitting

HOUSE OF REPRESENTATIVES
TWENTIETH LEGISLATURE, 2000
STATE OF HAWAII

H.B. NO. 2495 HD.1

A BILL FOR AN ACT
RELATING TO ENVIRONMENTAL IMPACT STATEMENTS.
BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF HAWAII:

SECTION 1. The legislature finds that there is a need to clarify the preparation of environmental assessments or environmental impact statements should identify and address effects on Hawaii's culture, and traditional and customary rights.

The legislature also finds that native Hawaiian culture plays a vital role in preserving and advancing the unique quality of life and the "aloha spirit" in Hawaii. Articles IX and XII of the state constitution, other state laws, and the courts of the State impose on government agencies a duty to promote and protect cultural beliefs, practices, and resources of native Hawaiians as well as other ethnic groups.

Moreover, the past failure to require native Hawaiian cultural impact assessments has resulted in the loss and destruction of many important cultural resources and has interfered with the exercise of native Hawaiian culture. The legislature further finds that due consideration of the effects of human activities on native Hawaiian culture and the exercise thereof is necessary to ensure the continued existence, development, and exercise of native Hawaiian culture.

The purpose of this Act is to: (1) Require that environmental impact statements include the disclosure of the effects of a proposed action on the cultural practices of the community and State; and (2) Amend the definition of "significant effect" to include adverse effects on cultural practices.

SECTION 2. Section 343-2, Hawaii Revised Statutes, is amended by inserting the definitions of "environmental impact statement" or "statement" and "significant effect", to read as follows:

"Environmental impact statement" or "statement" means an informational document prepared in compliance with the rules adopted under section 343-6 and which discloses the environmental effects of a proposed action, effects of a proposed action on the economic (and) welfare, social welfare, and cultural practices of the community and State, effects of the economic activities arising out of the proposed action, measures proposed to minimize adverse effects and alternatives to the action and their environmental effects.

The initial statement filed for public review shall be referred to as the draft statement and shall be distinguished from the final statement which is the document that has incorporated the public's comments and the responses to those comments. The final statement is the document that shall be evaluated for acceptability by the respective scoping authority.

"Significant effect" means the sum of effects on the quality of the environment, including actions that irreversibly commit a natural resource, curtail the range of beneficial uses of the environment, are contrary to the State's environmental policies or long-term environmental goals as established by law, or adversely affect the economic (or) welfare, social welfare (and) cultural practices of the community and State.

SECTION 3. Statutory material to be repealed is bracketed. New statutory material is underscored.

SECTION 4. This Act shall take effect upon its approval.

GUIDELINES FOR ASSESSING CULTURAL IMPACTS
Adopted by the Environmental Council, State of Hawaii
November 19, 1997

I. INTRODUCTION

It is the policy of the State of Hawaii under Chapter 343, HRS, to alert decision makers, through the environmental assessment process, about significant environmental effects which may result from the implementation of certain actions. An environmental assessment of cultural impacts gathers information about cultural practices and cultural features that may be affected by actions subject to Chapter 343, and promotes responsible decision making. Articles IX and XII of the State Constitution, other state laws, and the courts of the state require government agencies to promote and preserve cultural beliefs, practices, and resources of native Hawaiians and other ethnic groups. Chapter 343 also requires environmental assessment of cultural resources, in determining the significance of a proposed project.

The Environmental Council encourages preparers of environmental assessments and environmental impact statements to analyze the impact of a proposed action on cultural practices and features associated with the project area. The Council provides the following methodology and content protocol as guidance for any assessment of a project that may significantly affect cultural resources.

II. CULTURAL IMPACT ASSESSMENT METHODOLOGY

Cultural impacts differ from other types of impacts assessed in environmental assessments or environmental impact statements. A cultural impact assessment includes information relating to the practices and beliefs of a particular cultural or ethnic group or groups.

Such information may be obtained through scoping, community meetings, ethnographic interviews and oral histories. Information provided by knowledgeable informants, including traditional cultural practitioners, can be applied to the analysis of cultural impacts in conjunction with information concerning cultural practices and features obtained through consultation and from documentary research.

In scoping the cultural portion of an environmental assessment, the geographical extent of the inquiry should, in most instances, be greater than the area over which the proposed action will take place. This is to ensure that cultural practices which may not occur within the boundaries of the project area, but which may nonetheless be affected, are included in the assessment. Thus, for example, a proposed action that may not physically alter gathering practices, but may affect access to gathering areas would be included in the assessment. An ahupua'a is usually the appropriate geographical unit to begin an assessment of cultural impacts of a proposed action, particularly if it includes all of the types of cultural practices associated with the project area. In some cases, cultural practices are likely to extend beyond the ahupua'a and the geographical extent of the study area should take into account those cultural practices.

Guidelines for Accessing Cultural Impacts
November 19, 1997
Page 2 of 4

The historical period studied in a cultural impact assessment should commence with the initial presence in the area of the particular group whose cultural practices and features are being assessed. The types of cultural practices and beliefs subject to assessment may include subsistence, commercial, residential, agricultural, access-related, recreational, and religious and spiritual customs.

The types of cultural resources subject to assessment may include traditional cultural properties or other types of historic sites, both man made and natural, including submerged cultural resources, which support such cultural practices and beliefs.

The Environmental Council recommends that preparers of assessments analyzing cultural impacts adopt the following protocol:

- (1) identify and consult with individuals and organizations with expertise concerning the types of cultural resources, practices and beliefs found within the broad geographical area, e.g., district or shupuaa;
- (2) identify and consult with individuals and organizations with knowledge of the area potentially affected by the proposed action;
- (3) receive information from or conduct ethnographic interviews and oral histories with persons having knowledge of the potentially affected area;
- (4) conduct ethnographic, historical, anthropological, sociological, and other culturally related documentary research;
- (5) identify and describe the cultural resources, practices and beliefs located within the potentially affected area; and
- (6) assess the impact of the proposed action, alternatives to the proposed action, and mitigation measures, on the cultural resources, practices and beliefs identified.

Interviews and oral histories with knowledgeable individuals may be recorded, if consent is given, and field visits by preparers accompanied by informants are encouraged. Persons interviewed should be afforded an opportunity to review the record of the interview, and consent to publish the record should be obtained whenever possible. For example, the precise location of human burials are likely to be withheld from a cultural impact assessment, but it is important that the document identify the impact a project would have on the burials. At times an informant may provide information only on the condition that it remain in confidence. The wishes of the informant should be respected.

Guidelines for Accessing Cultural Impacts
November 19, 1997
Page 3 of 4

Primary source materials reviewed and analyzed may include, as appropriate: Mahele, land court, census and tax records, including testimonies; vital statistics records; family histories and genealogies; previously published or recorded ethnographic interviews and oral histories; community studies, old maps and photographs; and other archival documents, including correspondence, newspaper or almanac articles, and visitor journals. Secondary source materials such as historical, sociological, and anthropological texts, manuscripts, and similar materials, published and unpublished, should also be consulted. Other materials which should be examined include prior land use proposals, decisions, and rulings which pertain to the study area.

III. CULTURAL IMPACT ASSESSMENT CONTENTS

In addition to the content requirements for environmental assessments and environmental impact statements, which are set out in HAR §§ 11-200-10 and 16 through 18, the portion of the assessment concerning cultural impacts should address, but not necessarily be limited to, the following matters:

1. A discussion of the methods applied and results of consultation with individuals and organizations identified by the preparer as being familiar with cultural practices and features associated with the project area, including any constraints or limitations which might have affected the quality of the information obtained.
2. A description of methods adopted by the preparer to identify, locate, and select the persons interviewed, including a discussion of the level of effort undertaken.
3. Ethnographic and oral history interview procedures, including the circumstances under which the interviews were conducted, and any constraints or limitations which might have affected the quality of the information obtained.
4. Biographical information concerning the individuals and organizations consulted, their particular expertise, and their historical and genealogical relationship to the project area, as well as information concerning the persons submitting information or interviewed, their particular knowledge and cultural expertise, if any, and their historical and genealogical relationship to the project area.
5. A discussion concerning historical and cultural source materials consulted, the institutions and repositories searched, and the level of effort undertaken. This discussion should include, if appropriate, the particular perspective of the authors, any opposing views, and any other relevant constraints, limitations or biases.

Guidelines for Accessing Cultural Impacts
November 19, 1997
Page 4 of 4

6. A discussion concerning the cultural resources, practices and beliefs identified, and for resources and practices, their location within the broad geographical area in which the proposed action is located, as well as their direct or indirect significance or connection to the project site.
7. A discussion concerning the nature of the cultural practices and beliefs, and the significance of the cultural resources within the project area, affected directly or indirectly by the proposed project.
8. An explanation of confidential information that has been withheld from public disclosure in the assessment.
9. A discussion concerning any conflicting information in regard to identified cultural resources, practices and beliefs.
10. An analysis of the potential effect of any proposed physical alteration on cultural resources, practices or beliefs; the potential of the proposed action to isolate cultural resources, practices or beliefs from their setting; and the potential of the proposed action to introduce elements which may alter the setting in which cultural practices take place.
11. A bibliography of references, and attached records of interviews which were allowed to be disclosed.

The inclusion of this information will help make environmental assessments and environmental impact statements complete and meet the requirements of Chapter 349, FRS. If you have any questions, please call us at 586-4185.

October 3, 2000

Eugene P. Dashiell, AICP
Environmental Planning Services
1314 South King Street, Suite 951
Honolulu, Hawaii 96814

Kenneth E. Sprague, P.E., Ph.D.
Director
Department of Environmental Services
City and County of Honolulu
650 South King Street
Honolulu, Hawaii 96813

Dear Mr. Sprague:

Subject: Special Management Area Use Permit (SMP) Lale Beach Park Master Plan and
Draft Environmental Assessment

Thank you for your comments of September 26 regarding the subject project. We note that the proposed project has no impact on your facilities or services.

Sincerely yours,


Eugene P. Dashiell

Copies to: Depts. of Parks and Recreation, and Design and Construction, and Austin
Tsutsumi and Associates

DEPARTMENT OF ENVIRONMENTAL SERVICES
CITY AND COUNTY OF HONOLULU
650 SOUTH KING STREET
HONOLULU HI 96813



JEREMY HARRIS
Mayor


KENNETH E. SPRAGUE, P.E., Ph.D.
Director

BARRY FUKUNAGA
Deputy Director

IN REPLY, REFER TO:
EST 00-034

September 26, 2000

TO: RANDALL K. FUJIKI, AIA, DIRECTOR
DEPARTMENT OF PLANNING AND PERMITTING

FROM: 
KENNETH E. SPRAGUE, P.E., Ph.D.
DEPARTMENT OF ENVIRONMENTAL SERVICES

SUBJECT: CHAPTER 343, HAWAII REVISED STATUTES DRAFT ENVIRONMENTAL
ASSESSMENT (DEA) SPECIAL MANAGEMENT AREA USE PERMIT
(SMP) 2000/SMA-53 (ask)

Thank you for the opportunity to review and comment on the draft Environmental Assessment for improvements to the existing Lale Beach Park.

We have no sewer lines in this area, thus, the proposed action will not have an impact on our facilities or services. Therefore, our Department has no comments on this report.

Should you have any questions, please call Jack Pobuk, Program Coordinator at 527-6696.

KES:nt

00AUG31 PM01:12 WATER & LAND

STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
Land Division
Honolulu, Hawaii

August 28, 2000

LD/NAV
Ref.: 2000/SMA53.COM
Suspense Date: 09/15/00

MEMORANDUM:

TO: XXX Division of Aquatic Resources
Division of Forestry & Wildlife
XXX Division of State Parks
Division of Boating and Ocean Recreation
OOO Historic Preservation Division (RD)
XXX Commission on Water Resource Management
Land Division Branches of:
XXX Planning and Technical Services
XXX Engineering Branch
XXX Oahu District Land Office
XXX Shoreline Processing Services
FROM: Dean Y. Uchida, Administrator
Land Division *Blinda Estroff*

00 SEP 26 PM 1 30
DEPT. OF LAND & NATURAL RESOURCES
LAND DIVISION
CITY & COUNTY OF HONOLULU

SUBJECT: Laie Beach Park Improvements, Oahu, Hawaii - TWX: 5-5-1

Please review the attached materials and submit your comments (if any) to us on division letterhead on or before the suspense date. If we do not receive a response by the suspense date, we will assume there are no comments.

Should you need more time to review this matter, please contact Nicholas A. Vaccaro at 587-0438

(X) COMMENTS ATTACHED

Signed: *Andrew H. Monden*
ANDREW H. MONDEN, Chief Engineer

Date: 9/12/00

COMMENTS

DLNR-LAND DIVISION
ENGINEERING BRANCH

The proposed Laie Beach Park Improvements does not affect our current projects.

Please correct Item 2.12 Flooding and Tsunami on page 5 of the document to: "The project site according to the Federal Emergency Management Agency (FEMA) Community Panel Number 15001 0015 C, is located in Zone AE. This is an area in which base elevations are determined. The park is in a flood hazard zone with a flood height of 13 feet, which reflects the proximity to the open ocean including storm waves and tsunami, as well as the problem of riverine flooding.

The project must comply with rules and regulations of the National Flood Insurance Program (NFIP) and all applicable County Flood Ordinances. If there are questions regarding the NFIP, please contact the State Coordinator, Sterling Yong, of the Department of Land and Natural Resources at 587-0248. If there are questions regarding flood ordinances, please contact the applicable County representative.

REYNOLDS J. CASTELLANO
Commissioner



TRADING JONES
PRICES ALTERNATION
HAWAIIAN ISLANDS
SALVAGE AGENCIES
MEMBER IN ASSOCIATION
LAWYER T. M. MOORE
HONOLULU, HAWAII 96813

STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
COMMISSION ON WATER RESOURCE MANAGEMENT

HONOLULU, HAWAII 96813
SEP 15 2000

SUSPENSE DATE: September 15, 2000

STATE OF HAWAII
Department of Land and Natural Resources
Division of Aquatic Resources

MEMORANDUM

To: William Devick, Program Manager
From: Richard Sixberry, Aquatic Biologist
Subject: Comments on Draft Environmental Assessment

Comments Requested By: Dean Y. Uchida - Land Division

Date of Request: 8/28/00 Date Received: 8/31/00

Summary of Project

Title: Laie Beach Park Improvements
Proj. By: Department of Parks & Recreation
Location: Laie, Oahu

Brief Description:

The applicant proposes to improve the existing Laie Beach Park by paving the parking lot, constructing an outdoor shower, landscaping and irrigation system. Later, a new restroom facility and related improvements including minor erosion control measures.

Comments:

Significant impacts adverse to aquatic resource values are not expected from the proposed improvements and modifications. The site improvements would expand and enhance public recreational opportunities at the park. All construction activities should occur mauka of the park's certified shoreline and precautions taken to prevent debris, landscaping chemicals, eroded soil, petroleum products and other potential contaminants from flowing or leaching into coastal waters. Beach nourishment has been proposed by DLNR as the best alternative for preserving and protecting the state-owned shoreline. However, any shoreline or ocean activities that could potentially affect aquatic resource values should be submitted in advance to the Department for review.

Richard Sixberry
Aquatic Biologist
9/12/00

Ref. 2000/SMA53.COM1

TO: Dean Y. Uchida, Administrator
Land Division

FROM: Linnel T. Nishioka, Deputy Director
Commission on Water Resource Management

SUBJECT: Stream Channel Alteration Permit Applicability, Laie Beach Park Improvements and Master Plan, Draft Environmental Assessment, August 2000, Oahu (TMK: 5-5-1-48, 49 & 50)

This is in response to your memorandum dated August 28, 2000, requesting comments on the Draft Environmental Assessment, Laie Beach Park Improvements. Based on the subject document, it does not appear that any watercourses will be altered. Therefore, a Stream Channel Alteration Permit would not be required.

Thank you for consulting with us in this matter. Should you have any questions, please contact David Higa of the Commission staff at 587-0249.

SKS:sd

SEP 15 2 55 PM '00

SEP 26 PM 1 39
CITY & COUNTY OF HONOLULU

October 3, 2000

Eugene P. Dashiell, AICP
Environmental Planning Services
1314 South King Street, Suite 951
Honolulu, Hawaii 96814

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. Fujiki:

Subject: Special Management Area Use Permit (SMP) Laie Beach Park Master Plan and
Draft Environmental Assessment

Thank you for your comments of September 28 regarding the subject project. I have incorporated your comments and our responses into the subject documents as follows:

We note that the BWS system does not serve the project area.

Sincerely yours,



Eugene P. Dashiell

Copies to: Depts. of Parks and Recreation, and Design and Construction, and Austin
Tsutsumi and Associates

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



JEREMY HARRIS, Mayor
EDDIE FLORES, JR., Chairman
CHARLES A. STEWART, Vice-Chairman
JAN MELY, Aiea
HERBERT S.K. MAOPUA, SP4
BARBARA KON STANTON
KAZU HAYASHIDA, E-0600
ROSS S. SASAKURA, E-0600
CLIFFORD S. JAMILE
Manager and Chief Engineer

September 5, 2000

TO: MR. RANDALL K. FUJIKI, DIRECTOR
DEPARTMENT OF PLANNING AND PERMITTING

FROM: *Clifford S. Jamile*
FOR CLIFFORD S. JAMILE

SUBJECT: YOUR TRANSMITTAL OF AUGUST 22, 2000 REGARDING THE
DRAFT ENVIRONMENTAL ASSESSMENT FOR THE LAIE BEACH
PARK IMPROVEMENTS PROJECT. IMK: 5-5-1: 48, 49 AND 50

Thank you for the opportunity to review and comment on the Draft Environmental Assessment for the Laie Beach Park improvements project.

We have no comments to offer. The project area is served by a private water system.

If you have any questions, please contact Scot Muraoka at 527-5221.

October 3, 2000

Eugene P. Dashiell, AICP
Environmental Planning Services
1314 South King Street, Suite 951
Honolulu, Hawaii 96814

Don Hibbard
Administrator
State Historic Preservation Division
601 Kamokila Boulevard
Kapolei, Hawaii 96707

Dear Mr. Hibbard:

Subject: Special Management Area Use Permit (SMP) Laie Beach Park Master Plan and Draft Environmental Assessment

Thank you for your comments of September 1 regarding the subject project. I have incorporated your comments and our responses into the subject documents as follows:

We note your approval of plans for protection and enhancement of the red Maunaloa flower and vine, and establishment of a community-based program of historic preservation for the park. We have added narrative to the EA stating that prior to any excavation greater than 6-inches in depth, an archaeological inventory survey will be conducted and submitted to the Division for review.

Sincerely yours,

Eugene P. Dashiell

Copies to: Depts. of Parks and Recreation, and Design and Construction, and Austin Tsutsumi and Associates

BENJAMIN J. GAYLARD
GOVERNOR OF HAWAII



100 SEP 28 PM 12:49 STATE OF HAWAII

DEPARTMENT OF LAND AND NATURAL RESOURCES
HISTORIC PRESERVATION DIVISION
KALANIANA'OLA BUILDING, ROOM 555
501 KALANIANA'OLA DRIVE
HONOLULU, HAWAII 96813

THOMAS J. JOHNS, CHAIRPERSON
BOARD OF LAND AND NATURAL RESOURCES
DOUGLAS
JANETTE SANDO

AQUATIC RESOURCES
BEACHES AND OCEAN RECREATION
CONSERVATION AND RESOURCES
ENFORCEMENT
COASTAL ZONE
FORESTRY AND WILDLIFE
HISTORIC PRESERVATION
LAND
STATE PARKS
WATER RESOURCES MANAGEMENT

September 1, 2000

Mr. Randall K. Fujiki, Director
Department of Planning and Permitting
City and County of Honolulu
650 South King Street
Honolulu, Hawaii 96813

LOG NO: 26110 ✓
DOC NO: 0008SC21

Dear Mr. Fujiki:

SUBJECT: (File No. 2000/SMA-53) Chapter 6E-8 Historic Preservation Review of a Special Management Area Use Permit (SMP) for Laie Beach Park Site Improvements Master Plan
Laie, Ko'olaupua, O'ahu
TMK: 5-5-001: 048, 049 & 050

Thank you for the opportunity to comment on the SMP application prepared for the Laie Beach Park Site Improvements Master Plan, to be carried out at the park near Laie, O'ahu. The applicant proposes two or more phases for accomplishing the desired park improvements. Phase I work will consist of paving the existing parking lot, adding landscaping, and installing an outdoor shower. Phase II or later phases will include the installation of the following: a comfort station, septic tank, and leaching field; picnic benches, sand erosion control measures, and landscaping; preservation of historic sites and enhancement of selected vegetation. Our review is based on historic maps, aerial photographs, records, and reports maintained at the State Historic Preservation Division; no field inspection was made of the subject parcels.

We note with approval the plans for protection and enhancement of the population of the red Maunaloa flower and vine, and the establishment of a community-based program of historic preservation for the park. With regard to the proposed paving of the existing parking lot, we have the following comments. We understand from the project's planner, Mr. Eugene Dashiell, that minimal ground disturbance will be needed to accomplish this task. There may be some minor work needed to level the existing surface by placing fill prior to installing gravel and asphalt. In view of these facts, we believe that this specific portion of the master plan improvements will have "no effect" on significant historic sites.

Judging from information provided in an earlier archaeological report (*Interim Sub-Surface Archaeological Reconnaissance Survey of the Laie Beach Park Site* TMK: 5-5-01: 3-6, 48 &

Mr. Randall K. Fujiki
Page 2

49] Laie, Island of O'ahu, 1980. Connolly), there is an extensive, sub-surface cultural deposit present within the park's boundaries. The cultural deposit, assigned the SHP No. 50-80-02-40-49 appears to be present throughout much of the area behind the beach berm; three human burials are associated with this deposit.

The 1980 survey consisted largely of augur holes supplemented by four test pits. Consequently, we are uncertain of the site's boundaries. Therefore, we would recommend that additional archaeological inventory survey and subsurface testing work precede any significant ground alteration activity proposed, such as installation of the outdoor shower and comfort station. A qualified archaeologist should undertake the survey work and submit a report documenting the findings to our office. Once we review such a report, we shall be able to better advise you on what effects park development activities may have on significant historic sites. Additionally, an acceptable mitigation plan may be developed for implementation.

Therefore, we recommend that the following condition be attached to the subject SMP, if approved:

Prior to conducting any ground alteration exceeding six (6) inches in depth, an archaeological inventory survey shall be conducted by a qualified archaeologist. An acceptable report of the findings shall be submitted to the State Historic Preservation Division for review and approval. Should significant historic sites be found, and be adversely affected by proposed park improvements, an acceptable mitigation plan should be prepared prior to ground disturbance.

If this condition is attached to the approved SMP, we believe that the proposed Laie Beach Park Improvements will have "no adverse effect" on significant historic sites.

Should you have any questions, please feel free to contact Sara Collins at 692-8026.

Aloha,

DON HIBBARD, Administrator
State Historic Preservation Division

SC:an

Eugene P. Dashiell AICP
1314 South King Street, Suite 951
Honolulu, Hawaii 96814

Telephone/FAX: 808.593.8330
Cell Phone/Voice Mail: 371.0745
E-mail: dashiell@java.net

August 29, 2000

Member, American Institute of Certified Planners

Nick Vacarro
Div. Land Management
Dept. Land and Natural Resources
1151 Punchbowl St.
Honolulu, HI 96813

Dear Mr. Vacarro:

Subject: Late Beach Park Improvements and Master Plan, Environmental Assessment

I have enclosed four copies of the subject document per your request of the Department of Plans and Permitting (Ardis Shaw-Kim). Please call me (593-8330) if you have comments or questions.

Sincerely yours,



Eugene P. Dashiell

Enclosures (four)

Copies: DPP (A. Shaw-Kim); Austin Tsutsumi (D. Fujii)

Eugene P. Dashiell, AICP
Environmental Planning Services
1314 South King Street, Suite 951
Honolulu, Hawaii 96814
June 20, 2000
Tel/Fax: 808.593.8330
Cell: 808.371.0745
E-Mail: dashiell@java.net
www.java.net/environmental-planning

Eugene P. Dashiell AICP
1314 South King Street, Suite 951
Honolulu, Hawaii 96814
Telephone/FAX: 808.593.8330
Cell Phone/Voice Mail: 371.0745
E-mail: dashiell@java.net

August 29, 2000
Member, American Institute of Certified Planners

Chris Snyder
Outdoor Circle
1314 South King Street, Suite 306
Honolulu, HI 96814

Dear Ms. Snyder:

Subject: Lale Beach Park Improvements and Master Plan, Environmental Assessment

I have enclosed a copy of the subject document per your request of the Department of Plans and Permitting (Ardis Shaw-Kim). Please call me (593-8330) if you have comments or questions.

Sincerely yours,



Eugene P. Dashiell

Enclosure

Copies: DPP (A. Shaw-Kim); Austin Tsutsumi (D. Fujii)

August 11, 2000

Mr. Howard Kosa
Department of Design and Construction
City and County of Honolulu
650 South King Street
Honolulu, Hawaii 96814

Dear Mr. Kosa:

Subject: Lale Beach Park EA & Master Plan

Attached, per your request is a copy of the subject document.

Please let me know if you have questions or comments. Thanks for your help.

Sincerely,



Eugene P. Dashiell

Enclosure: Lale Beach Park Environmental Assessment and Master Plan
Copy: Donohue Fujii, Austin Tsutsumi and Associates

Eugene P. Dashiell, AICP
Environmental Planning Services
1314 South King Street, Suite 951
Honolulu, Hawaii 96814

June 20, 2000
Tel/Fax: 808.593.8330
Cell: 808.371.0745
E-Mail: dashiell@lava.net
www.lava.net/environmental-planning

August 11, 2000

Mr. Gary Bachelor
Commission on Disabilities
919 Ala Moana Blvd., Ste. 101
Honolulu, HI 96814

Dear Mr. Bachelor:

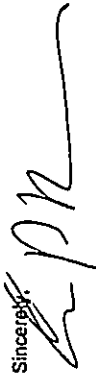
Subject: Laie Beach Park EA & Master Plan

I have enclosed, per your request, a copy of the subject document. The schedule for processing is:

- 1) 30-day OEQC public comment period beginning on August 23 and ending on September 22.
- 2) City Dept. of Planning and Permitting -- public hearing on request for a Special Management Area permit. A date is not yet scheduled.
- 3) Planning and Zoning Committee (City Council) hearing -- SMA permit. A date is not yet scheduled.
- 4) City Council Hearing. A date is not yet scheduled -- SMA permit.

Please let me know if you have questions or comments.

Sincerely,



Eugene P. Dashiell

Enclosure: Laie Beach Park Environmental Assessment and Master Plan
Copy: Donohue Fujii, Austin Tsutsumi and Associates

Eugene P. Dashiell, AICP
Environmental Planning Services
1314 South King Street, Suite 951
Honolulu, Hawaii 96814

June 20, 2000
Tel/Fax: 808.593.8330
Cell: 808.371.0745
E-Mail: dashiell@lava.net
www.lava.net/environmental-planning

August 11, 2000

Ms. Sarah Collins
Historic Preservation Division
State of Hawaii
601 Kamokila Blvd, Rm 555
Kapolei, Hawaii 96707

Dear Ms. Collins:

Subject: Laie Beach Park EA & Master Plan

I have enclosed a copy of the recent survey (1-inch = 40-feet) for your use. Your suggestion regarding possible use of a curator agreement for the proposed Managed Area is interesting and I will discuss this further.

I hope you will consider the possibility of the City being permitted to go ahead and construct the outdoor shower under the proposed Phase 1 of the project, at the same time as the City paves the parking lot.

The public has basically four opportunities to review and comment on this document:

- 1) During the 30-day OEQC public comment period beginning on August 23 and ending on September 22.
- 2) At the DPP public hearing. A date is not yet scheduled.
- 3) At the Planning and Zoning Committee (City Council) hearing. A date is not yet scheduled.
- 4) At the City Council Hearing. A date is not yet scheduled.

Please let me know if you have questions or comments. Thanks for your help.

Sincerely,



Eugene P. Dashiell

Enclosure: Survey - Laie Beach Park
Copy: Donohue Fujii, Austin Tsutsumi and Associates

Eugene P. Dashiell, AICP
Environmental Planning Services
1314 South King Street, Suite 951
Honolulu, Hawaii 96814

June 20, 2000
Tel/Fax: 808.593.8330
Cell: 808.371.0745
E-Mail: dashiell@lava.net
www.lava.net/environmental-planning

August 11, 2000

Ms. Sarah Collins
Historic Preservation Division
State of Hawaii
601 Kamokila Blvd, Rm 555
Kapolei, Hawaii 96707

Dear Ms. Collins:

Subject: Late Beach Park EA & Master Plan

I have enclosed a copy of the recent survey (1-inch = 40-feet) for your use. Your suggestion regarding possible use of a curator agreement for the proposed Managed Area is interesting and I will discuss this further.

I hope you will consider the possibility of the City being permitted to go ahead and construct the outdoor shower under the proposed Phase 1 of the project, at the same time as the City paves the parking lot.

The public has basically four opportunities to review and comment on this document:

- 1) During the 30-day OEQC public comment period beginning on August 23 and ending on September 22.
- 2) At the DPP public hearing. A date is not yet scheduled.
- 3) At the Planning and Zoning Committee (City Council) hearing. A date is not yet scheduled.
- 4) At the City Council Hearing. A date is not yet scheduled.

Please let me know if you have questions or comments. Thanks for your help.

Sincerely,



Eugene P. Dashiell

Enclosure: Survey - Laie Beach Park
Copy: Donohue Fujii, Austin Tsutsumi and Associates

Honolulu Board of Water Supply



to
from
subject

MR. MELVIN S. TANITA

HERBERT H. MINAKAMI *Ph*

date JUNE 8, 2000

MEMO DATED MAY 12, 2000 FROM
AUSTIN, TSUTSUMI AND ASSOCIATES,
INC., REGARDING A CITY VISION
PROJECT - LAIE (FOUNDERS)
BEACH PARK: REQUEST FOR
WATER CONNECTION

We have no objections to the City's request for water connection to the existing 16-inch water main fronting the beach park. Irrigation should be performed in such a manner that prevents anyone from drinking the water. The Department will not be liable or responsible for any damages to person caused by accidental consumption of the irrigation water.

The City shall be responsible for payment of all charges based on potable water and not nonpotable use.

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

MLrk

cc: J. Kaakua

P-432/00

RECEIVED
JUN 19 2000

AUSTIN, TSUTSUMI & ASSOCIATES, INC.
Honolulu, Hawaii 96817-8031

Post-It* Fax Note	7671	Date	6/9/00	# of Pages	1
To	Eugene O.	From	Don F.		
Co./Dept.		Co.	ATA		
Phone #	KVI	Phone #			
Fax #	593-8330	Fax #			

June 7, 2000

**TO: ROLAND LIBBY, DEPUTY DIRECTOR
DEPARTMENT OF DESIGN AND CONSTRUCTION**

**FROM: DONALD GRIFFIN, CHIEF PLANNER, PARKS PLANNING BRANCH
DEPARTMENT OF DESIGN AND CONSTRUCTION**

SUBJECT: LAIE BEACH PARK DEVELOPMENT

This is a 4.54-acre undeveloped beach park that is about two thirds grassed and one third overgrown (on the Hauula side).

An undocumented 50-car graveled parking was bulldozed near the Laie end of the park around 1980.

The Koolauloa Vision Team 2000 has an appropriation of \$100,000 for design and \$300,000 for construction appropriated for an upgraded parking lot, showerhead, and landscaping. Part of the \$100,000 (design) in the Austin Tsutsumi design contract will have to include money for a master plan and an environmental assessment, which are requirements for undeveloped parks. The master plan is to provide proper placement of future development facilities.

The environmental assessment will assure: (1) protection of rare plants, cultural features, etc., (2) that adequate facilities are provided, and (3) that public safety is considered. The environmental assessment is a requirement for issuance of a Special Management Area Permit, which is needed for shoreline area development.

The lack of a reliable water source has delayed development of a maintainable Laie Beach Park for many years, particularly from the standpoint of a comfort station and landscaping irrigation. The extension of the Board of Water Supply's (BWS) fire hydrant line past the park will now make landscape maintenance feasible. A 2-inch potable water line from the Hawaii Reserve source in Laie is recommended before a comfort station is programmed.

It is expected that a single shower can be provided from a 1-1/2 inch Hawaii Reserves water line from Laie. Nonpotable water for irrigation is proposed from the BWS's 8-inch fire hydrant line.

A 1993 concept plan for the park had the parking lot and comfort station at the Hauula end of the park to preserve seaward view planes. It has now been determined that the parking lot will have to be left in its present location to provide better ingress/egress traffic safety.

DEPARTMENT OF DESIGN AND CONSTRUCTION
CITY AND COUNTY OF HONOLULU

860 SOUTH KING STREET, 2ND FLOOR
HONOLULU, HAWAII 96813
PHONE: (808) 523-4564 • FAX: (808) 523-4567 • www.ddc.honolulu.hawaii.gov

JEREMY HARRIS
MAYOR



GARY C. L. YEE, AIA
DIRECTOR
ROLAND G. LIBBY, JR., AIA
DEPUTY DIRECTOR

Memorandum

RECEIVED
MAR 15 2000
AUSTIN, TSUTSUMI & ASSOCIATES, INC.
Honolulu, Hawaii 96817-5031

Date: 15 March 2000
To: William D. Balfour Jr. - Director - DPR
From: Peter Caderas
Project: Lale Beach Park
Subject: Comfort Station

This is in response to the Memo dated March 3, 2000 from William D. Balfour, Jr. to Garry Yee.

→ This Memo documents that the first priority is to construct a comfort station. The Ordinance allocating the budget for this project states: "Design and construct outdoor shower and reconstruction of parking lot and landscaping improvements".

The Ordinance does, unfortunately, not allow us to construct a comfort station as part of this project. We will proceed contracting with Austin, Tsutsumi and Associates, the Consultant, for the services allowed by the Ordinance only.

It there are any questions, please do contact me.

Aloha, Peter

Cc: Gary Yee - Director, DDC
Gerry Silva - Vision District 10 Coordinator
Jeff Tyau & Mike Foley - Vision Team Members present at the site meeting
(To be forwarded to them by Gerry Silva)
Don Fujii - Austin, Tsutsumi & Associates, via fax. No. 526 1267
Howard Koza - PM - DDC/FDE

06:54am

From-AUSTIN, TSUTSUMI & ASSOCIATES INC

3035251257

T-737 P.17/12 E-333

DEPARTMENT OF PARKS AND RECREATION
CITY AND COUNTY OF HONOLULU

650 SOUTH KING STREET, 10TH FLOOR • HONOLULU, HAWAII 96813
TELEPHONE: (808) 525-4162 • FAX: (808) 525-4054 • INTERNET: WWW.CITYANDCOUNTY.HI.US

Eugene
PR

• JEREMY HARRIS
MAYOR

RECEIVED
MAR 15 2000

AUSTIN, TSUTSUMI & ASSOCIATES, INC.
Honolulu, Hawaii 96817-5031



RECEIVED

00 MAR -9 P4:21

WILLIAM D BALFOUR, JR.
DIRECTOR

MICHAEL T. SMITH
DEPUTY DIRECTOR

March 3, 2000
FACILITIES DESIGN & ENG.
DEPT. OF DESIGN & CONST.
C & C OF HONOLULU

TO: GARY Q. L. YEE, AIA, ACTING DIRECTOR
DEPARTMENT OF DESIGN AND CONSTRUCTION

FROM: WILLIAM D. BALFOUR, JR., DIRECTOR

SUBJECT: LAIE BEACH PARK - OUTDOOR SHOWERS, PARKING LOT
AND LANDSCAPE IMPROVEMENTS

00 MAR -9 P11:21
RECEIVED
CITY AND COUNTY OF HONOLULU
DEPARTMENT OF DESIGN & CONSTRUCTION

Thank you for allowing us to provide input on the scope of work for the design of the improvements for the 2000 CIP project for Laie Beach Park.

An on-site meeting was conducted with:

Jeff Tyau and Mike Foley of Hawaii Reserve Incorporated.
(Mr. Foley is also the editor of "Ke Koolau", a Laie-Haoula newspaper). *Also visited*

Susan Craven from the Laie Community Association

Don Fujii of Austin, Tsutsumi and Associates

Maxeen Shea and Annette Santiago from our Department.

The following scope of work ideas were given to Mr. Fujii to work on a design to be within construction costs.

1. It was felt that a comfort station would be first priority, building it at the makai-Haoula end of the existing parking lot. This area was decided as the best location for a comfort station.
2. One outside shower pad to be constructed on the beach side of the comfort station.
3. Keep parking on both sides of the parking lot, allowing as many parking spaces as possible.

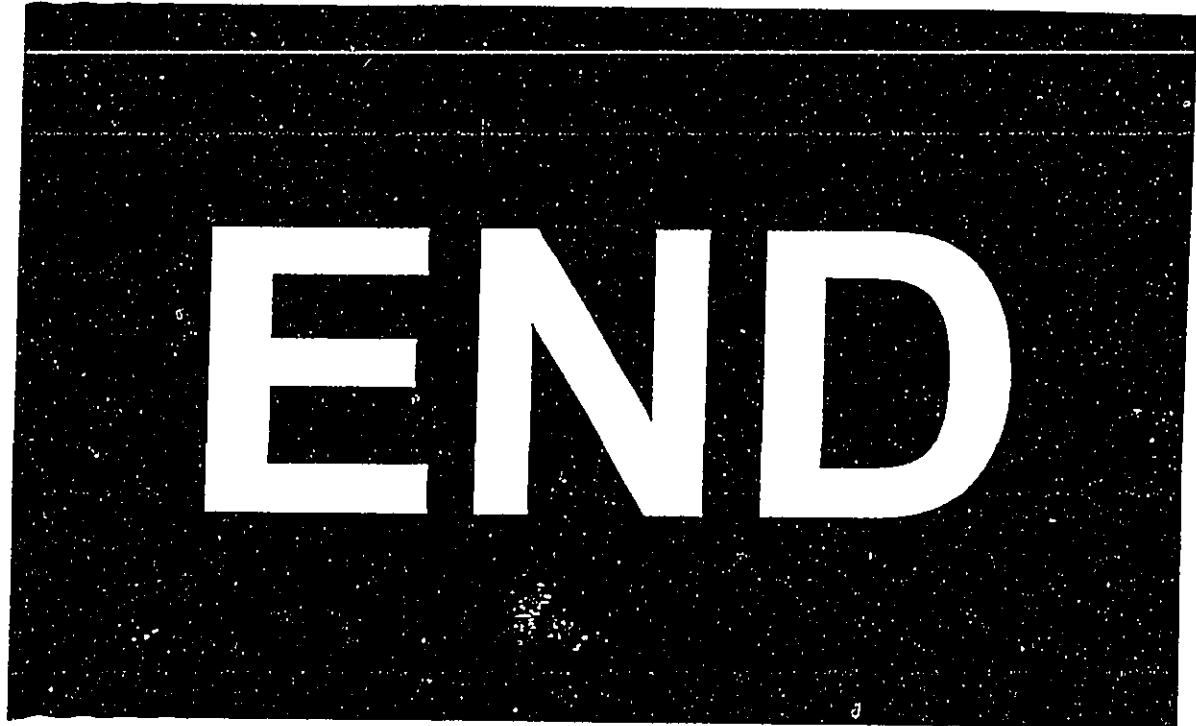
Mr. Gary Q. L. Yee
March 3, 2000
Page 2

4. If the budget does not allow for paving of the entire parking lot, pave at least the handicapped stalls closest to the comfort station. A paved walkway will also be needed.
5. Cut back some of the naupaka and dead trees on the beach side of the comfort station. Plant the displaced naupaka in small strips on the street side of the parking lot for beautification.
6. Retain the cement barriers in place until money is available or donated that may allow a more suitable type of barrier be installed for aesthetics.
7. The Department representatives mentioned the possibility of water access problems. The representatives from Hawaii Reserve Incorporated did not think that this was a problem. They seem to think there is a water source already in place going by the park.

Should you have any questions, please contact Mr. Wilfred Ho, Windward Oahu Manager, at 233-7300.

W. D. Balfour, Jr.
WILLIAM D. BALFOUR, JR.
Director

WDB:m1



CERTIFICATION

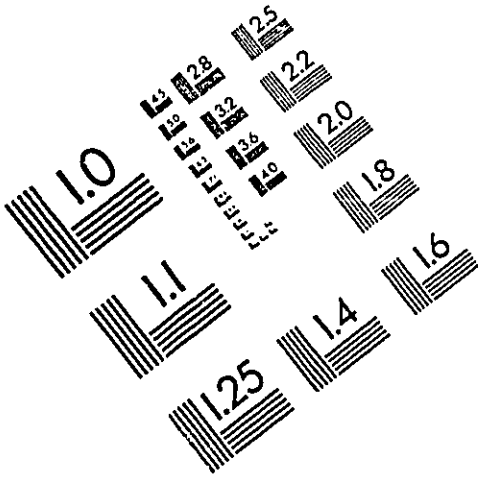
I HEREBY CERTIFY THAT THE MICROPHOTOGRAPH APPEARING IN THIS REEL OF
FILM ARE TRUE COPIES OF THE ORIGINAL DOCUMENTS.

2004

DATE

Sammy Yoshimura

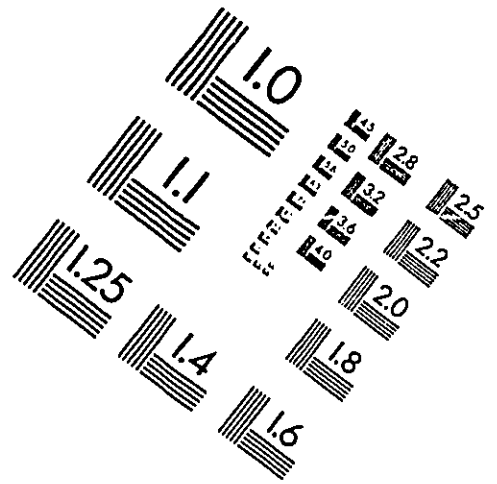
SIGNATURE OF OPERATOR



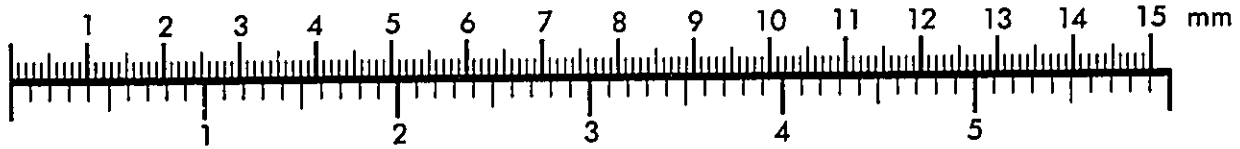
AIM

Association for Information and Image Management

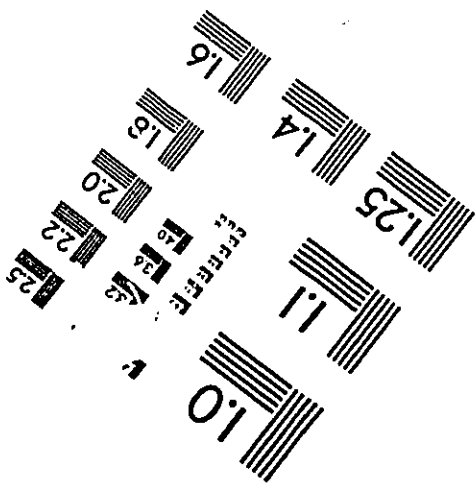
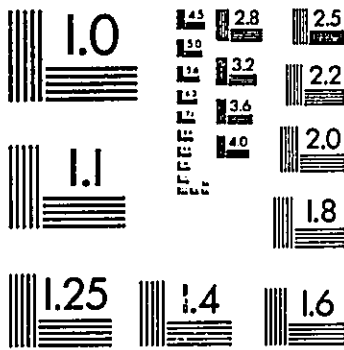
1100 Wayne Avenue, Suite 1100
Silver Spring, Maryland 20910
301/587-8202



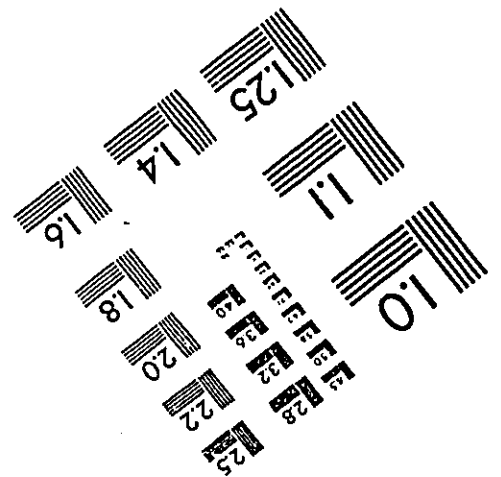
Centimeter



Inches



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BY APPLIED IMAGE, INC.



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ADVANCED MICRO-IMAGE SYSTEMS HAWAII