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OFFICE OF ENVIRONMENTAL QUALITY CONTROL

MEMORANDUM

TO: Ms. Genevieve Salmonson, Director
Office of Environmental Quality Control

FROM: Harold Sonomura
Acting Public Works Administrator

SUBJECT: Finding of No Significant Impact for
Waipahu High School, Eight-Classroom Building
TMK: 9-4-08:020
Waipahu, Oahu, Hawaii

The Department of Accounting and General Services has reviewed the comments received during the 30-day public comment period which began on March 8, 2004. We have determined this project will not have significant environmental effects and will issue a FONSI. Please publish this notice in the April 23, 2004, OEQC Environmental Notice.

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

If you have any questions, please call Mr. Ralph Morita of the Planning Branch at 586-0486.

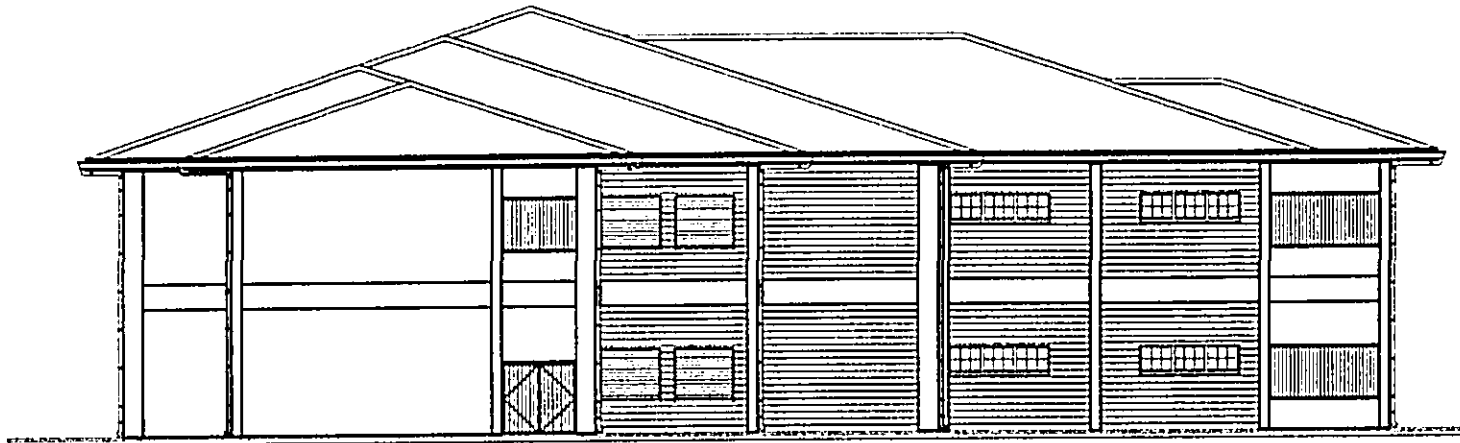
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2004-04-23 FONSI

APR 23 2004

WAIPAHU HIGH SCHOOL 8-CLASSROOM BUILDING FILE COPY

WAIPAHU HIGH SCHOOL



EIGHT-CLASSROOM BUILDING

Final Environmental Assessment

OFFICE OF ENVIRONMENTAL QUALITY

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State of Hawaii
Department of Accounting and General Services
Public Works Division

April 2004

WAIPAHU

HIGH SCHOOL

EIGHT-CLASSROOM BUILDING

Final Environmental Assessment

Prepared for:

**State of Hawaii
Department of Accounting and General Services
Public Works Division**

Prepared by:



KIMURA INTERNATIONAL

April 2004

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- A. Hazardous Materials Survey Report, Portables 25 and 26, Waipahu High School.
Kimura International.

1 INTRODUCTION

1.1 PROPOSING AGENCY AND ACTION

The State of Hawaii Department of Accounting and General Services (DAGS) proposes construction of an eight-classroom building at Waipahu High School, 94-1211 Farrington Highway, Waipahu, Oahu, Hawaii. The project is being implemented on behalf of the State of Hawaii Department of Education.

1.2 PURPOSE OF THE ENVIRONMENTAL ASSESSMENT

Under Chapter 343, Hawaii Revised Statutes (HRS), Act 241, Session Laws of Hawaii (SLH) 1992, and Chapter 200 of Title 11, Department of Health (DOH) Administrative rules, "Environmental Impact Statement Rules," the proposed project involves the use of public funds and is therefore subject to the environmental review process.

The Draft and Final Environmental Assessments were prepared to address potential impacts that may occur during construction and/or operation of the new eight-classroom building. It was determined that the project will have no significant impact, and an Environmental Impact Statement will not be required.

This Final Environmental Assessment and Finding of No Significant Impact (FONSI) are being filed with the State Office of Environmental Quality Control (OEQC) in accordance with Chapter 343, HRS. The accepting agency for the Final Environmental Assessment is the State of Hawaii Department of Accounting and General Services.

Although the project is one component of an overall Revised Waipahu High School Master Plan (2003), this Final Environmental Assessment only addresses the demolition and replacement of temporary classrooms P-25 and P-26, and the construction of the new eight-classroom building. Other master plan components will be implemented in the future and addressed in separate environmental documents.

1.3 PERMITS AND APPROVALS REQUIRED

Governmental permits needed to implement the proposed action are listed in Table 1. A National Pollutant Discharge Elimination System (NPDES) permit(s) are not required for this project, as the site is less than one acre in size.

Table 1: Potential Government Permits and Approvals

Type	Agency
HRS Chapter 6E Historic Preservation Review	Department of Land and Natural Resources, State Historic Preservation Division
Waiver of building height requirements (LUO Section 21-3.70-1(c)(1))	City and County of Honolulu, Department of Planning and Permitting
Building and grading permits	City and County of Honolulu, Department of Planning and Permitting
Noise permit	State Department of Health, Noise, Radiation, and Indoor Air Quality Branch

2. PROPOSED ACTION

2.1 PROJECT LOCATION AND DESCRIPTION

2.1.1 Location

Waipahu High School is located on Farrington Highway (Route 90), at the edge of Waipahu Town, approximately 12 miles west of downtown Honolulu (Figure 1). The school is located near the intersection of Farrington Highway and Waipio Access Road, at the top of Waipio Peninsula, and adjacent to the Pearl Harbor estuary's Middle Loch.

The new eight-classroom building will be located on a triangular shaped site approximately 0.9 acres in size. The site is bounded on the west by Waipio Access Road, on the northeast by existing Buildings "O" (Library) and "U" (classroom), and by a parking lot and Building "C" (Metal Shop Building) on the southeast. The building will be located adjacent to the school's main entrance on Waipio Access Road. Its location is shown in Figure 2.

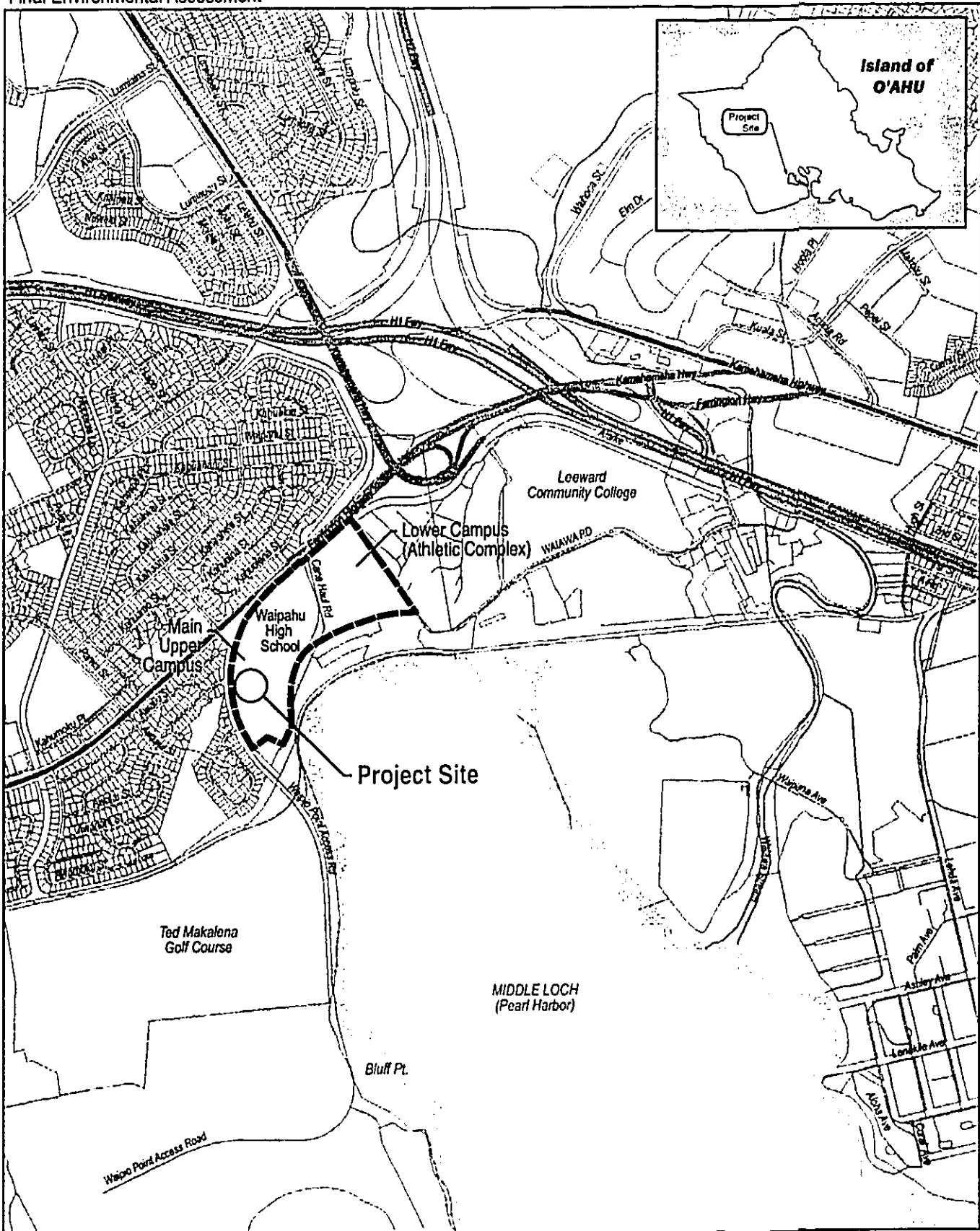
The two new portable classrooms will be located on a nearby site between Building "D" (Music/Band Building) and Building "O" (Library Building).

As shown in Figure 3, the project is located in TMK 1-9-4-08:20. This parcel includes the high school's main upper campus.

2.1.2 Project Description

The project involves the design and construction of a new two-story, eight-classroom building, located adjacent to Building "O" (Library) and Building "U" (Classroom Building). The new two-story building will consist of three General Classrooms, one Biology/Marine Science Classroom and preparation area, one Physics Classroom and preparation area, two Resource Classrooms, and one Special Education Self-Contained Classroom. The building will also include a Faculty Center, Itinerant Room, Student Services Support Coordinator/Educational Assistant Room and Custodial Service Center. The two-story building will have approximately 21,278 square feet of gross floor area. The first and second story floor plans are shown in Figure 4, and building elevations are shown in Figure 5.

Waipahu High School Eight-Classroom Building
Final Environmental Assessment

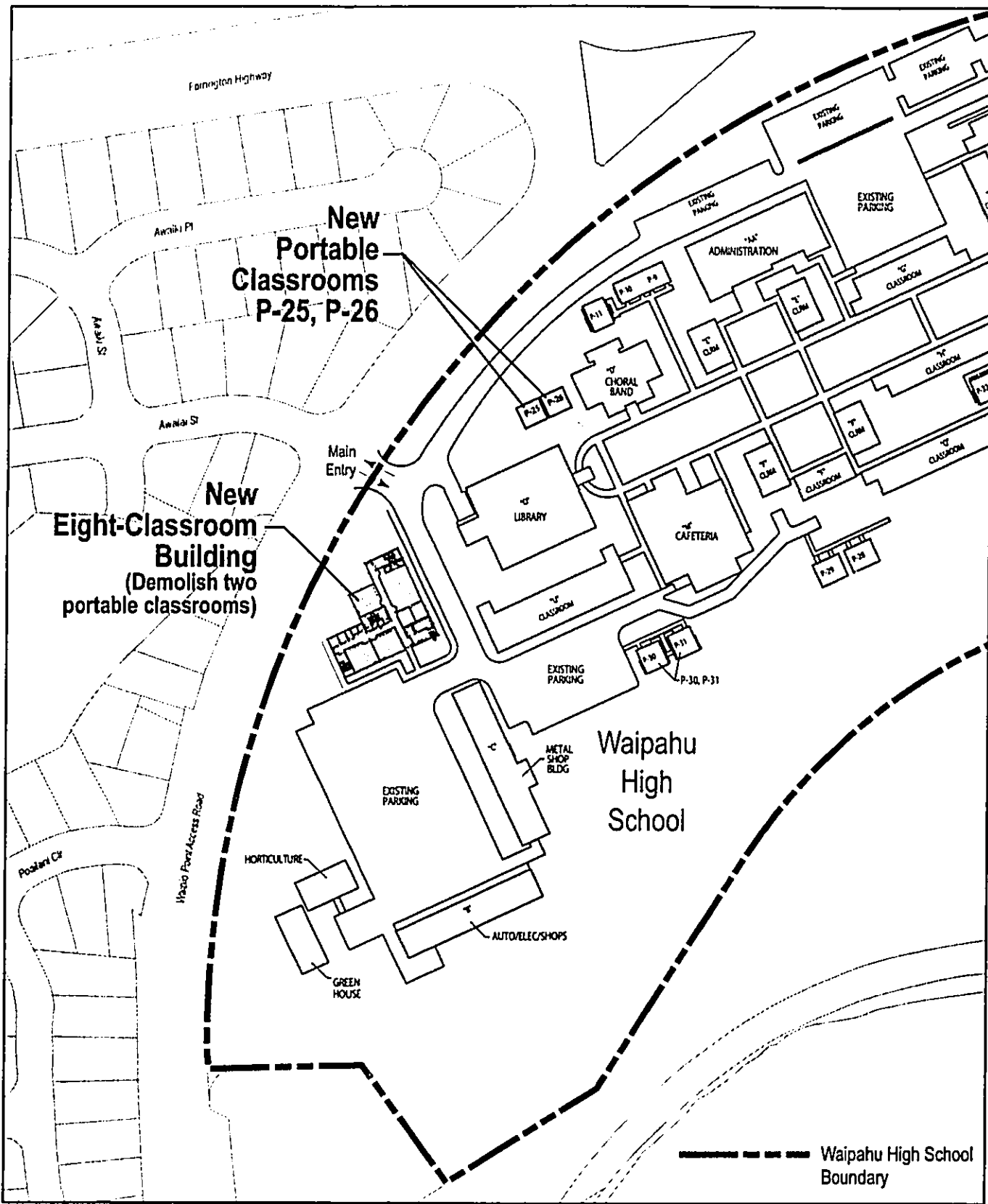


Source: Honolulu City & County, Dept. of Planning and Permitting, GIS
November 2003

Figure 1
Location



Waipahu High School Eight-Classroom Building
Final Environmental Assessment



Source: Mitsunaga & Associates
February 2004

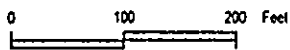
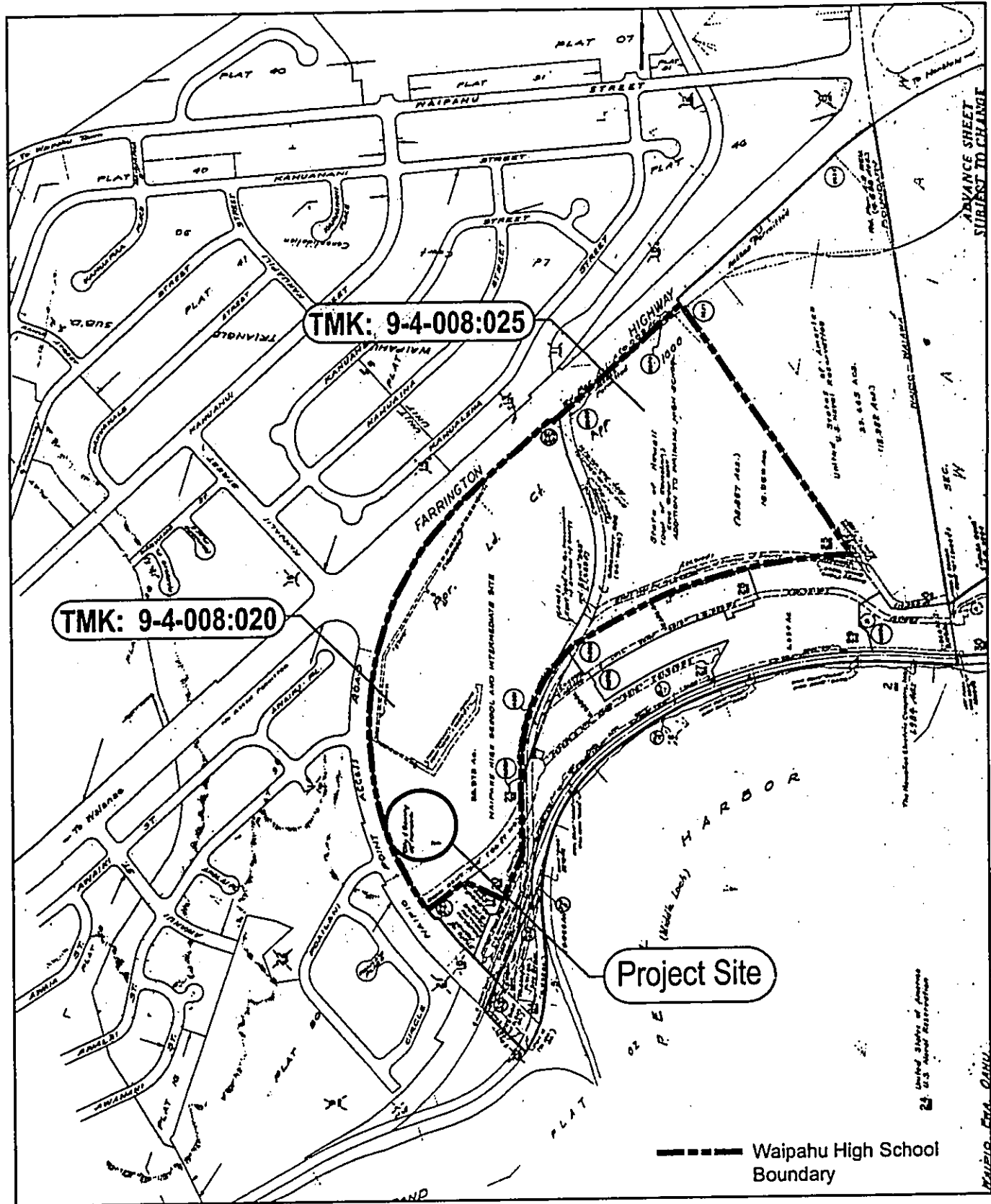


Figure 2
Site Map

Waipahu High School Eight-Classroom Building
Final Environmental Assessment



Source: City and County of Honolulu, GIS
December 2003

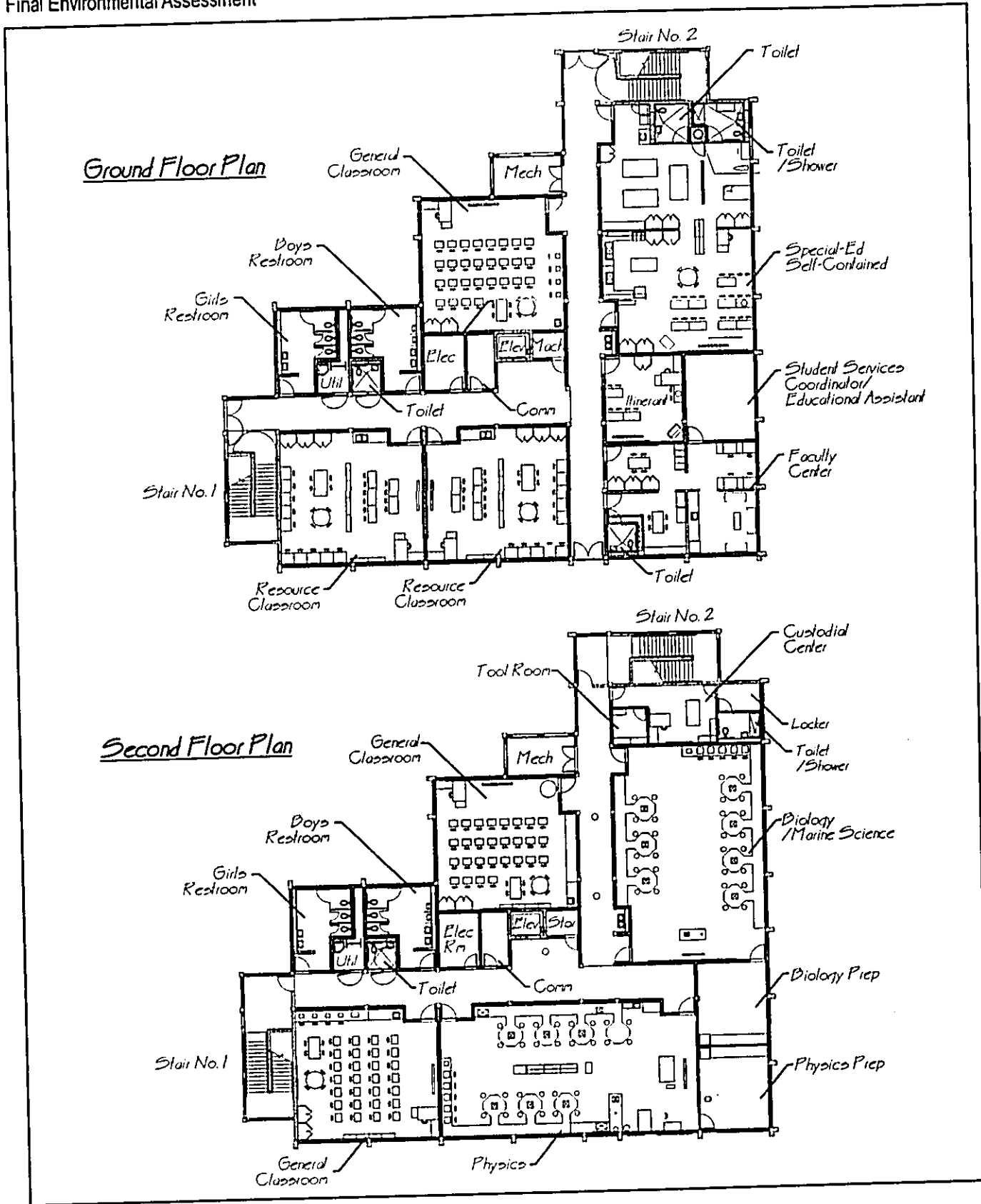


0 300 600 Feet

Figure 3

Tax Map Key

Waipahu High School Eight-Classroom Building
Final Environmental Assessment



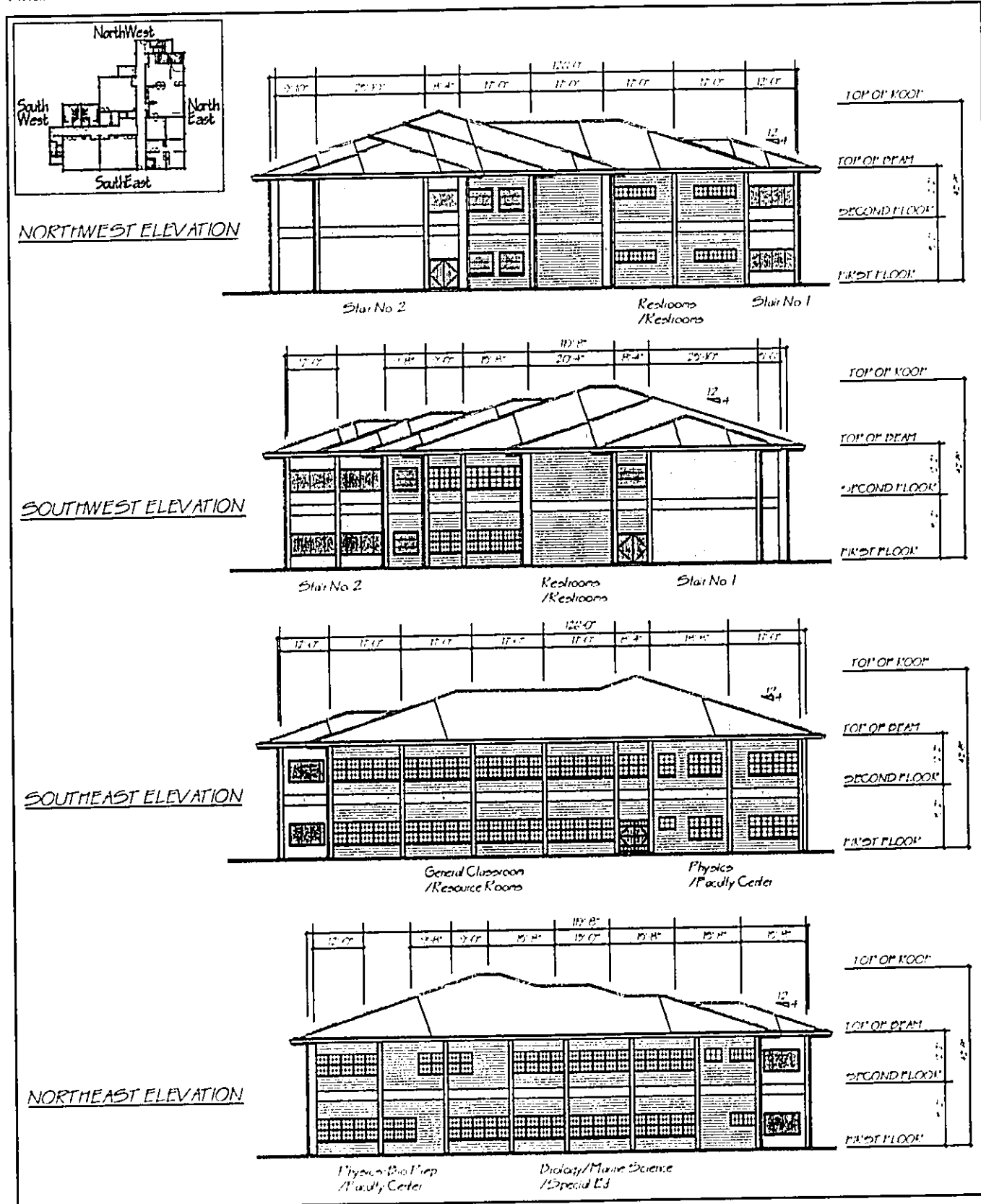
Source: Mitsunaga & Associates
February 2004



0 15 30 Feet

Figure 4
Eight-Classroom Building Floor Plan

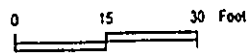
Waipahu High School Eight-Classroom Building
Final Environmental Assessment



Source: Mitsunaga & Associates
February 2004

Figure 5

Exterior Elevations



The new classroom building will displace two temporary classroom buildings (i.e., "portables"), P-25 and P-26. The temporary classrooms will be demolished and replaced by two new portable classroom buildings on a vacant site between Building "D" (Music Building) and Building "O" (Library).

The project will comply with Americans with Disabilities Act (ADA) guidelines. Final plans will be submitted to the Disability and Communication Access Board (DCAB) for ADA review.

2.2 PROJECT PURPOSE AND NEED

Waipahu High School was established in 1938, and many of its classroom facilities are old, substandard, and poorly configured to meet current educational methods and technologies. Existing facilities are inadequate to meet the Department of Education's "design enrollment" for the school (2,570 students). The shortage of classroom space results in overcrowded classrooms and limited class offerings.

The new classroom building is a critical component of the Waipahu High School Revised Master Plan, prepared by DAGS in April 2003 to update the school's physical facilities and accommodate a growing student population. Based on the Revised Master Plan, thirty-one new classrooms were proposed for the Waipahu High School campus. Eight new classrooms were recently constructed, leaving a current shortfall of 23 classrooms. The new eight-classroom building will reduce the deficit by another eight classrooms. However, even after the project is completed, there will still be a need for 15 additional classrooms.

At the same time, student enrollment continues to increase, and is projected to grow by 12 percent over the next two years. Current student enrollment of 2,312 students is expected to increase to 2,593 students by the year 2006. The new science classrooms are required to support the current curriculum. The construction of Special Education Classroom Facilities is also urgently needed to meet State and Federal Special Education requirements.

2.3 PROJECT SCHEDULE AND COST

The construction of the new two-story eight-classroom building and two new portable classroom buildings will take approximately eight (8) months to complete. The work is scheduled to commence in October 2004 with expected substantial completion in June 2005.

The total estimated construction cost is \$4.5 million, including the two new portable classrooms.

2.4 PROJECT SUMMARY

Table 2 contains a description of the project and applicable land-use designations.

Table 2: Project Summary

Item	Description
Project Name	Waipahu High School Eight-Classroom Building
Applicant	State of Hawaii Department of Accounting and General Services, on behalf of State of Hawaii Department of Education
Address	94-1211 Farrington Highway, Waipahu, Hawaii
Tax Map Keys	1-9-4-08:20
Existing Uses of the Site	Occupied by two temporary (i.e., "portable") classrooms, P-25 and P-26
Proposed Project	Design and construct new two-story, 21,278 SF, eight-classroom building. Building will consist of three general classrooms, one biology/marine science classroom and prep area, one physics classroom and prep area, two resource classrooms, and one special education self-contained classroom. Building will include a faculty center, itinerant room, Student Services Support Coordinator/ Educational Assistant room, and custodial service center. Two temporary classrooms ("portables") on the site will be demolished and replaced by two new portable classrooms on a vacant site between Building D and Building O.
State Land Use	Urban
Central Oahu Sustainable Communities Plan	Residential and Low Density Apartments
Zoning	R-5 Residential
Flood Insurance Rate Map	Zone D (Areas with possible but undetermined flood hazards)

3 AFFECTED ENVIRONMENT, IMPACTS AND MITIGATION

3.1 PHYSICAL ENVIRONMENT

3.1.1 Geology and Topography

The Waipahu High School property generally slopes in the west to east direction. The upper campus, where the new classroom will be located, is relatively level with typical ground elevations ranging between 45 to 50 feet above mean sea level.

The lower campus, where the athletic fields are located, ranges from 47 to 16 feet elevation.

3.1.2 Soils

According to the U.S. Department of Agriculture Natural Resource Conservation Service, the soils at the project site and most of Waipahu High School are Waipahu Silty Clay, 0 to 2% slopes (WzA). Soils in the western most area of the school (closest to Middle Loch) are WzC, Waipahu Silty Clay, 6 to 12% slopes. Figure 6 shows the soil designations in the project area.

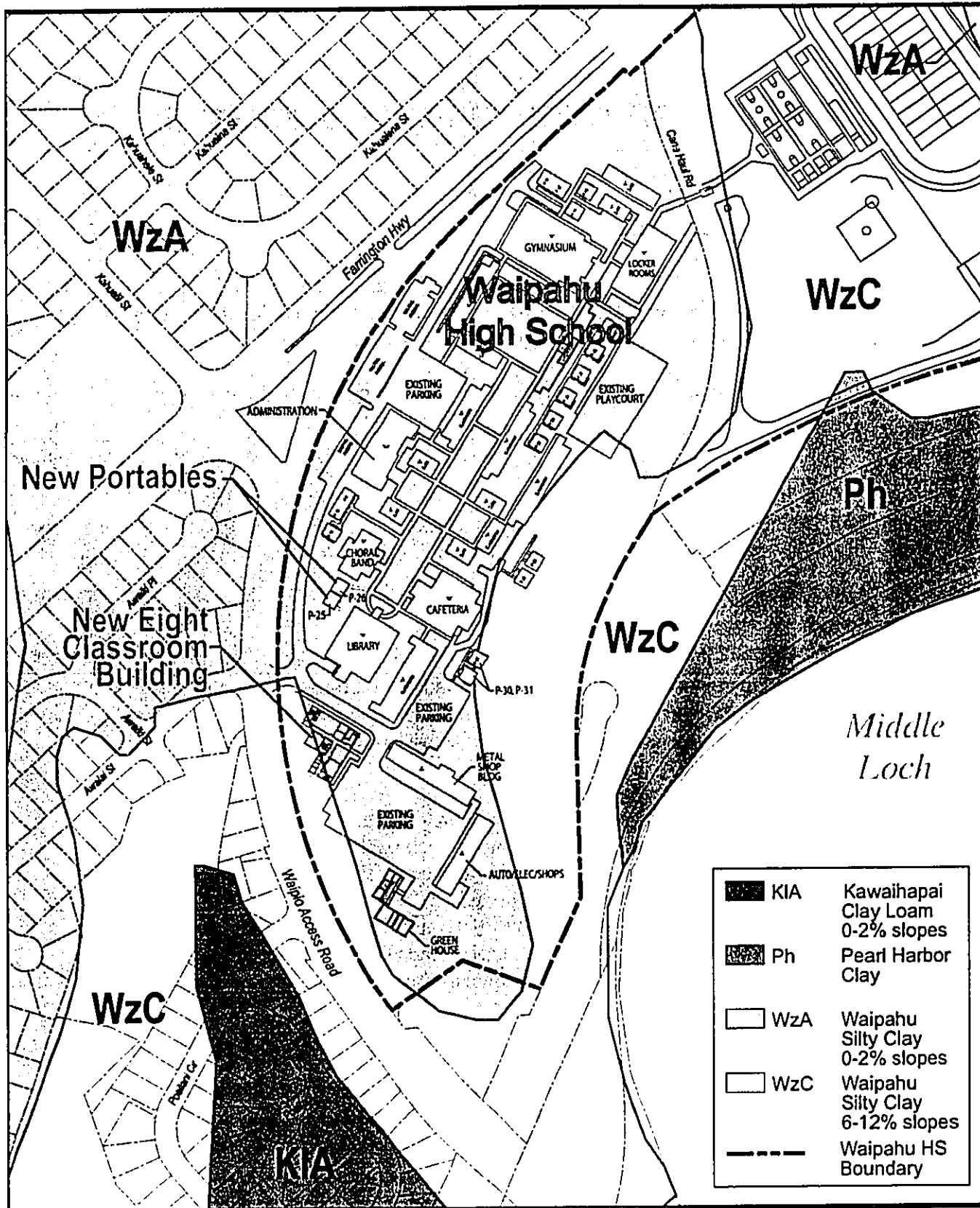
The Waipahu soil series consists of well-drained soils on marine terraces on the island of Oahu. These soils developed in old alluvium derived from basic igneous rock. They are nearly level to moderately sloping. Permeability is moderately slow, runoff is slow or very slow, and the erosion hazard is none to slight.

A geotechnical engineering exploration was conducted (Geolabs, Inc., December 2003), consisting of drilling five boring samples. The geotechnical study noted that the project site is underlain by alluvial deposits, consisting of very stiff to hard silty clays, extending to the maximum depth explored, of approximately 21 feet below the existing ground surface. The soils have moderate shrink/swell potential when subjected to moisture fluctuation. The geotechnical study included recommendations for the structural foundation, which will be incorporated into the building design.

Potential Impacts and Mitigation Measures

The proposed construction will not adversely affect soils in the project area. The recommendations in the geotechnical study for soil preparation and building foundation will be followed.

Waipahu High School Eight-Classroom Building
Final Environmental Assessment



Source: Honolulu City & County GIS
January 2004



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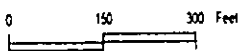


Figure 6
Soils

All construction will occur within the school boundary, in already developed, paved or grassed areas; therefore, soil exposure will be limited. Any impact of construction activities on soils will be mitigated by several measures, as outlined in the following regulations:

- Chapter 14, Articles 13-16 as related to Grading, Soil Erosion and Sediment Control, of the Revised Ordinance of Honolulu, 1990, as amended.
- Department of Planning and Permitting, Rules relating to Soil Erosion Standards and Guidelines, (1999);
- USDA Soil Conservation Services Erosion and Sediment Control Guide for Hawaii, (1968).

Best construction management practices restrict stockpiling of construction material and call for proper disposal of construction debris. Regular watering is recommended as a means of reducing the amount of fugitive dust in the air. High dust generating activities will be conducted during non-school hours and on weekends.

3.1.3 Climate and Air Quality

For most of Hawaii, there are only two seasons: "summer," between May and October, and "winter," between October and April. Most of the rain falls during winter storms from November through January while summer months are warm and dry. The climate in the project area ranges from an average maximum of about 89 degrees Fahrenheit during the summer to an average low of about 65 degrees in winter. Average annual rainfall is approximately 25 to 30 inches, the majority of which falls in December and February. Monthly average rainfall ranges from one to three inches. Predominant winds are northeasterly trades, averaging about 10 knots.

The State Department of Health operates a network of air quality monitoring stations located at various locations on Oahu. Air quality on Oahu is generally good, meeting all national ambient air quality standards. Vehicular traffic is the major source of air pollutants. However, the vehicular traffic levels near the project area are not high enough to significantly degrade air quality. Prevailing northeast trade winds also help to keep pollution levels low.

Potential Impacts and Mitigation Measures

Climatic conditions are not expected to have a significant affect on the project. Temporary and localized negative impacts on air quality will occur in areas adjacent to the construction site. Equipment used during the construction phase will emit exhaust and airborne particulates, and construction work will produce dust. Due to the close proximity of school classroom and administrative facilities, appropriate mitigation measures will be employed to reduce the potential for fugitive dust during construction activities. These mitigation measures include the following:

- Dust screen barrier will be erected during construction of the expanded building area.
- Stockpiles will be covered with appropriate materials. Construction debris will be disposed of at permitted facilities.
- The contractor will sprinkle water, as necessary, to control dust.
- The contractor will use vehicles that are properly maintained.

Construction activities will employ fugitive dust emission control measures in compliance with provisions of the State DOH Rules and Regulations (Chapter 43, Section 10), and Hawaii Administrative Rules (HAR), Chapter 11-60.1, "Air Pollution Control," Section 11-60.1-33 on Fugitive Dust.

3.1.4 Natural Hazards

Tsunami and Flood

The State of Hawaii Civil Defense Tsunami Evacuation Zone Maps indicate that the project site is not vulnerable to tsunami inundation. According to the Federal Emergency Management Agency (FEMA)–Flood Insurance Rate Map (FIRM), Waipahu High School is located in Zone D, areas with possible but undetermined flood hazards. In areas designated as Zone D, no analysis of flood hazards has been conducted. The FIRM designation for the area is shown in Figure 7.

Seismic Activity

Earthquake activity in Hawaii is associated primarily with volcanic activity, and generally occurs before or during volcanic eruptions. Over the last 150 years, there have been no recorded earthquakes greater than magnitude 6.0 on the Richter scale on the Island of Oahu.

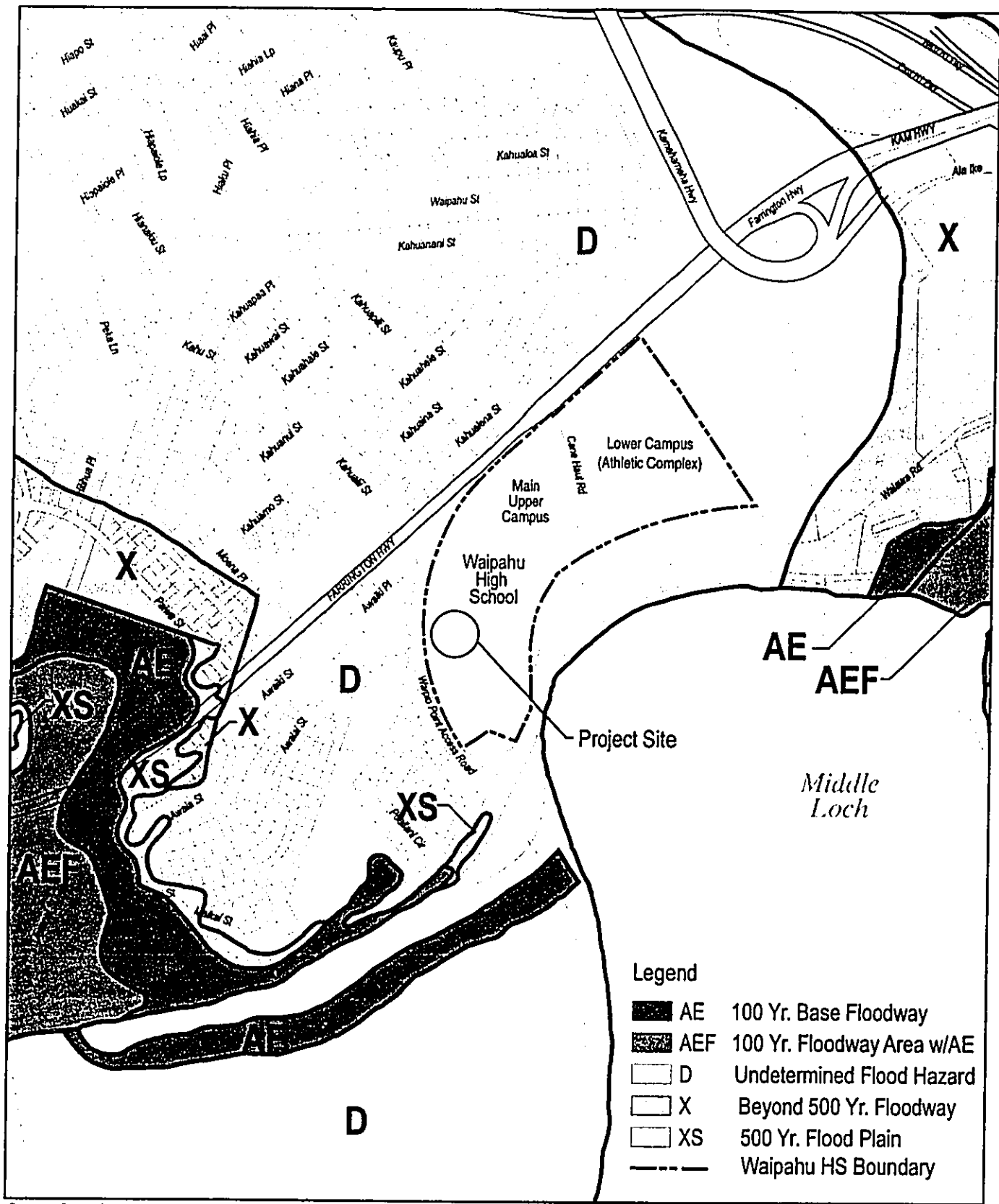
The Uniform Building Code (UBC) provides minimum design criteria to address potential for damages due to seismic disturbances. The UBC scale is rated from Seismic Zone 1 through Zone 4, with 1 the lowest level for potential seismic induced ground movement. Oahu has a Seismic Zone 2A designation.

Potential Impacts and Mitigation Measures

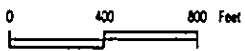
Given the area's relatively low annual rainfall and distance from area streams, flooding is not expected to be a problem at the project site.

The new classroom building was designed using standards for Seismic Zone 2a and wind speed of 80 mph, Exposure C, at 33 feet above ground level, in accordance with the UBC 1997 edition.

Waipahu High School Eight-Classroom Building
Final Environmental Assessment



Source: State of Hawaii GIS
November 2003



1:10,000

Figure 7

Flood Insurance Rate Map (FIRM)

During construction, the potential for impacts due to storm runoff will be addressed by use of erosion control measures in accordance with City and County of Honolulu, Rules relating to Soil Erosion Standards and Guidelines, 1999, and Erosion and Sediment Control Guide for Hawaii, Soil Conservation Service, 1968.

3.1.5 Hydrology

Surface Water

Waipahu High School is located near the top of Waipio Peninsula near Pearl Harbor's Middle Loch. Pearl Harbor is the State's largest estuary, and its watershed area drains about 134 square miles of land, about 22 percent of the island of Oahu. The perennial streams that drain into Pearl Harbor include Honouliuli Stream, Waikele Stream, Waiawa Stream, Waimalu Stream, Kalauao Stream, Aiea Stream and Halawa Stream. The perennial streams nearest the project site are Waikele and Waiawa Streams. Waikele Stream drains into West Loch to the west of the project site. Average flow is 37.6 cubic feet per second (cfs). Waiawa Stream drains into Middle Loch and is located east of the project site on Pearl City Peninsula. Its average flow is 32.6 cfs. (Hawaii Stream Assessment, 1990).

Although the land surrounding Pearl Harbor includes wetland areas, there are no wetlands at or near the project site.

Ground Water

The Pearl Harbor aquifer underlies most of the Pearl Harbor area, including the project site. Groundwater in the Pearl Harbor region is found in a shallow, sedimentary caprock aquifer and a deeper, basaltic aquifer. The water in the caprock aquifer has high salinity and is not a source of drinking water. However, the deeper, basaltic aquifer is a major source of drinking water for Oahu. The deep basaltic aquifer is found between 50 to 750 feet below ground surface, and has been designated a water management area that is regulated by the State of Hawaii Commission on Water Resource Management. The two aquifers are separated by sedimentary caprock that is over 1,000 feet thick in some areas.

During the geotechnical engineering exploration for this project (Geolabs, Inc. 2003); groundwater was not encountered in the drilled borings. However, the study notes that groundwater levels can vary significantly, depending on rainfall, temperature, surface water runoff, groundwater withdrawal, and other factors.

Potential Impacts and Mitigation Measures

The proposed classroom building will not significantly alter the land surface or increase the amount of impervious surfaces. Therefore, it is not expected to increase the amount of surface runoff. The project will not impact Waikele or Waiawa Streams or the Pearl Harbor estuary. The project will not affect groundwater resources or affect wetland areas in or around Pearl Harbor.

3.1.6 Noise

Existing noise levels in the project area are consistent with similar urban environments. Traffic along Farrington Highway and Waipio Access Road is the primary noise generator, particularly during the morning and afternoon peak hours. The H-1 and H-2 Freeway intersection is located immediately northwest of the campus, and is a source of ambient noise.

The surrounding neighborhood to the north and west is primarily residential in character. The Department of Health's (DOH) maximum permissible noise levels for construction equipment during nighttime hours in residential areas is 45 dBA and 55 dBA during daytime hours or the ambient noise level—whichever is higher. Land uses to the east and south are not noise sensitive, and include Navy-owned property and the Ted Makalena Golf Course.

Potential Impacts and Mitigation Measures

Demolition and construction activities will generate noise that may have a short-term impact on school activities and nearby residences across Waipio Access Road. Typical ranges of construction equipment noise vary between 70 and 95 dBA. The closest existing residences are located about 200 feet from the project site. Noise impacts are unavoidable, but will be temporary.

Demolition, grading and general construction work involving excessive dust and noise will be conducted on non-instructional days or after regular school hours. (School hours are Monday through Friday, 7:00 AM to 3:00 PM). Typically, this includes work such as demolition, cutting concrete, jack hammering, operating pneumatic-powered tools, trenching and grading. The contractor will be required to keep noise levels from construction operations below 62 dBA inside any naturally ventilated classroom or library. Sound levels will be measured at the school during the construction period to ensure compliance. If these noise levels are exceeded, the contractor may be required to supply, install and operate air conditioning units for the affected classrooms.

The contractor will ensure that all construction activities comply with the DOH Administrative Rules Chapter 11-46 on Community Noise Control. In cases where construction noise exceeds, or is expected to exceed the DOH's "maximum permissible noise levels at the school property line, the contractor will obtain a permit from the DOH to operate vehicles, construction equipment, power tools, etc. that emit noise levels in excess of "maximum permissible" levels. Construction will occur during the daytime hours. Construction equipment and on-site vehicles that exhaust gas or air will be equipped with mufflers. Construction vehicles using roadways are also required to satisfy the DOH's vehicular noise requirements.

3.1.7 Hazardous Materials

A hazardous materials survey was conducted for temporary classrooms P-25 and P-26, which will be demolished as part of this project. The report (Kimura International, December 2003) is included as Appendix A. The purpose of the survey was to determine the presence of hazardous materials such as asbestos containing material (ACM), lead containing paint (LCP), polychlorinated biphenyl (PCB) and mercury containing material at the facility which could affect proposed demolition work.

The scope of work included a site reconnaissance, and collection of samples from suspected asbestos containing building materials and interior and exterior paint, and a building core sample. Light fixtures were also inspected.

The only asbestos containing material identified was located in an interior window frame in Building P-26. Any future renovation or demolition that is likely to disturb this material (e.g., dislodge, break up, or render it friable) will require that the material be removed and disposed by a qualified asbestos abatement contractor.

Lab results indicated that various painted components in the two portable building contained lead.

The core building sample was analyzed utilizing toxicity characteristic leaching procedure (TCLP)-lead. The TCLP is an analytical method that simulates sanitary landfill contaminant leaching. That is, the test determines whether the solid waste samples are deemed "hazardous waste" or non-hazardous, and how the waste can be disposed. For the TCLP lead analysis, if lab results indicate less than 5 mg/L for lead, the lead containing painted building components may be disposed of at a landfill. If the lead levels exceed 5 mg/L, the entire lead containing painted building components must be disposed of at an approved hazardous waste disposal site. The lab results indicate that the TCLP-lead level in the core building samples are not hazardous waste, and can be land filled.

Various light fixtures in the portable classrooms were inspected. All the inspected light fixtures contained ballasts with "No PCB" labels. However, it was assumed that all the lamps contain small amounts of mercury vapor. These light fixtures should be removed by a qualified hazardous material abatement contractor and recycled.

Potential Impacts and Mitigation Measures

Demolition of temporary buildings P-25 and P-26 have the potential to encounter hazardous materials. Asbestos containing material, lead-based paint surfaces and light fixtures will be removed and disposed in accordance with federal and State regulations. The project will not have any other hazardous material impacts.

3.2 BIOLOGICAL ENVIRONMENT

3.2.1 Flora

Existing vegetation in the areas is primarily introduced trees, shrubs and grass. There are no rare, endangered, or threatened species of plants in the project area or on the school campus. There is an existing monkey pod tree (*Samanea saman*), about 30 feet in height on the site of the proposed classroom building. This tree will be relocated prior to construction. There is another, larger monkey pod tree, 40 feet in height with a spread of 70 feet, on the site of the new portable classrooms, which will also be relocated.

Potential Impacts and Mitigation Measures

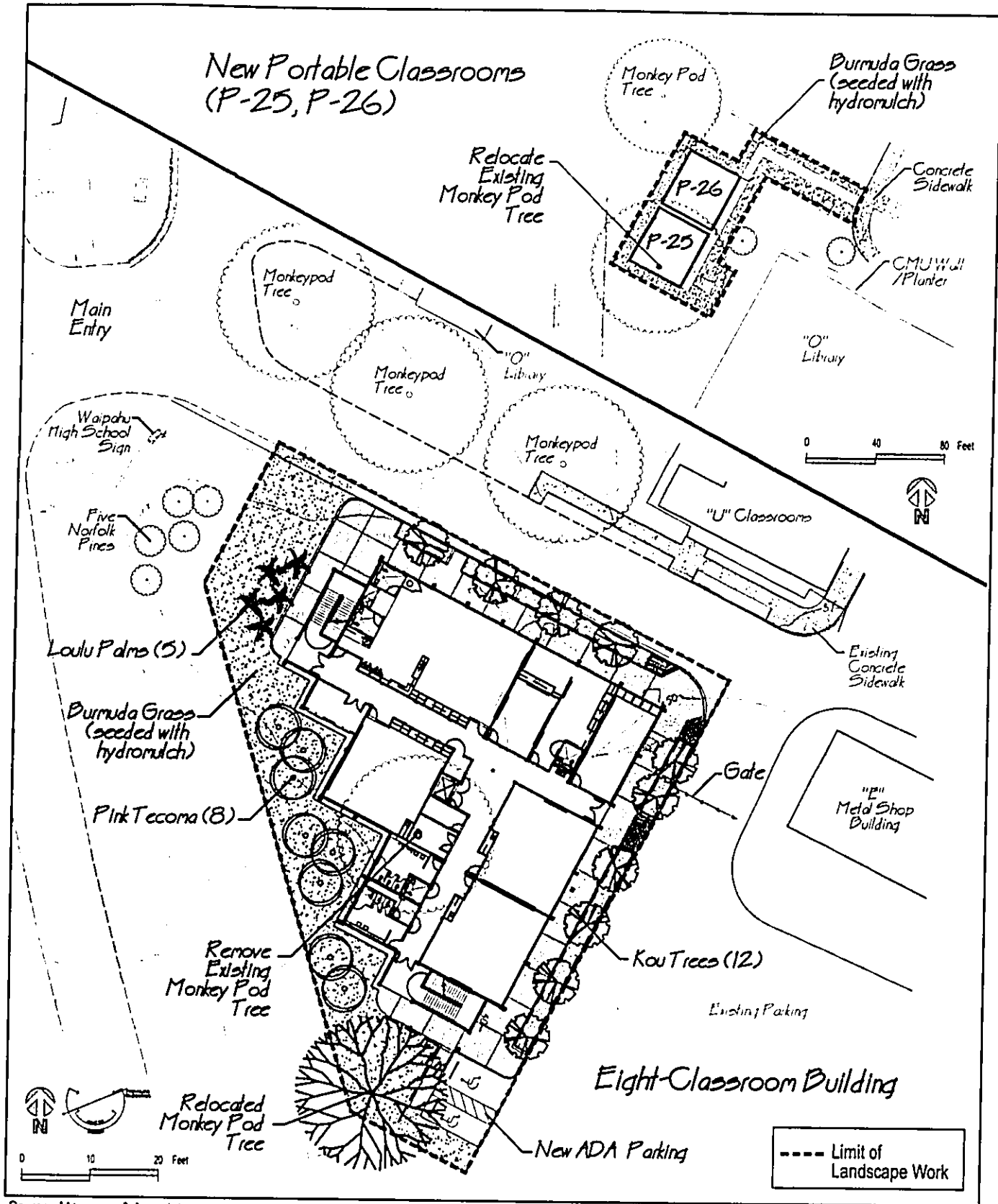
A preliminary landscape plan is shown in Figure 8. The project will displace two large monkeypod trees. One of them will be relocated, and the other will be removed. Neither of these trees are designated Exceptional Trees by the City and County of Honolulu. In addition, new trees and shrubs will be native Hawaiian species that are suitable to the school's climate.

A certified arborist was retained to examine the health and structural condition of the two existing monkeypod trees to determine their suitability for relocation. The arborist noted that the monkeypod tree located near the entrance to the school (i.e., on the site of the new classroom building) is a mature specimen that was drastically topped just before it was relocated to its present location a few years ago. The tree was found to be overly mature, in poor health and structurally compromised. The arborist concluded it is not a viable specimen and is unsuitable for relocation.

The monkeypod tree that will be displaced by the new portable classrooms was found to be a young, healthy specimen. It has good form, structure, size and is ideal for relocation. This tree will be relocated adjacent to the new eight-classroom building. The arborist made the following recommendations for a successful relocation:

- Do not overprune. Retain 55-60% of the tree's crown in order to preserve its form and structure.
- The diameter of the root ball should be at least 3.5 times the diameter of the trunk measured at 4.5 feet above the ground (DBH).
- The planting hole should be at least 25% wider than the root ball and no deeper than the depth of the root ball.
- The hole should be backfilled with native soil (soil dug out from the planting hole).
- Do not apply fertilizer when planting.

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Source: Mitsunaga & Associates
April 9, 2004

Figure 8
Landscape Plan

- Avoid wounding the trunk and limbs.
- Clean cut all severed roots irrespective of size. Clean cutting the roots allows the tree to effectively absorb water and nutrients, compartmentalize its wounds and facilitate root regeneration.
- Water the tree thoroughly and make sure no air pockets exist within the planting hole.

The contractor will be required to relocate the monkeypod tree near Building O to another site within the vicinity, in accordance with the arborist's recommendations.

The project will not have an impact on rare, threatened or endangered plants.

3.2.2 Terrestrial Fauna

Fauna at the project site would most likely include naturalized introduced species that have adapted readily to the human environment. Among the species commonly found in similar urbanized areas are rats (*Rattus sp.*), house mice (*Mus musculus*), domesticated cats (*Felis catus*) and domesticated dogs (*Canis familiaris familiaris*). Avian species should include common Mynas (*Acridotheres tristis*), Spotted dove (*Streptopelia chinensis*) and Zebra dove (*Geopelia striata*), House finch (*Carpodacus mexicanus*), English sparrow (*Passer domesticus*), Java sparrows (*Padda oryzivora*), and pigeons (*Columba livia*).

The shoreline areas of the Pearl Harbor estuary are known habitat for four endemic and endangered waterbirds—the Black-necked Stilt (*Himantopus mexicanus*), Common Moorhen (*Gallinula chloropus sandvicensis*), Hawaiian Coot (*Fulica alai*) and Hawaiian Duck (*Anas wyvilliana*). The Pearl Harbor National Wildlife Refuge, managed by the U.S. Fish and Wildlife Service, has two separate management units. The Waiawa Unit is located on Pearl City Peninsula, directly across Middle Loch to the east of the project area. The Honouliuli Unit is located in West Loch, about two miles west of the project area. In addition, the State's Pouhala Marsh habitat is located at the northwest corner of Waipio Peninsula, about one mile directly west of Waipahu High School.

Potential Impacts and Mitigation Measures

Although the shoreline areas of the Pearl Harbor estuary are known to support endangered waterbirds, Waipahu High School has been developed for many years, and does not support native wildlife or threatened or endangered species or their habitats. As a result, the project will not have any adverse impact on the wildlife resources in the Pearl Harbor area.

3.3 SOCIO-ECONOMIC ENVIRONMENT

3.3.1 Population Characteristics

Waipahu High School is surrounded by residential neighborhoods to the north and west. The school is located in Census Tract (CT) 87.01 (Waipahu Park), which encompasses most of the immediately surrounding area. CT 87.02 (St. Joseph School) is located west of CT 87.01, and includes residential areas served by the high school.

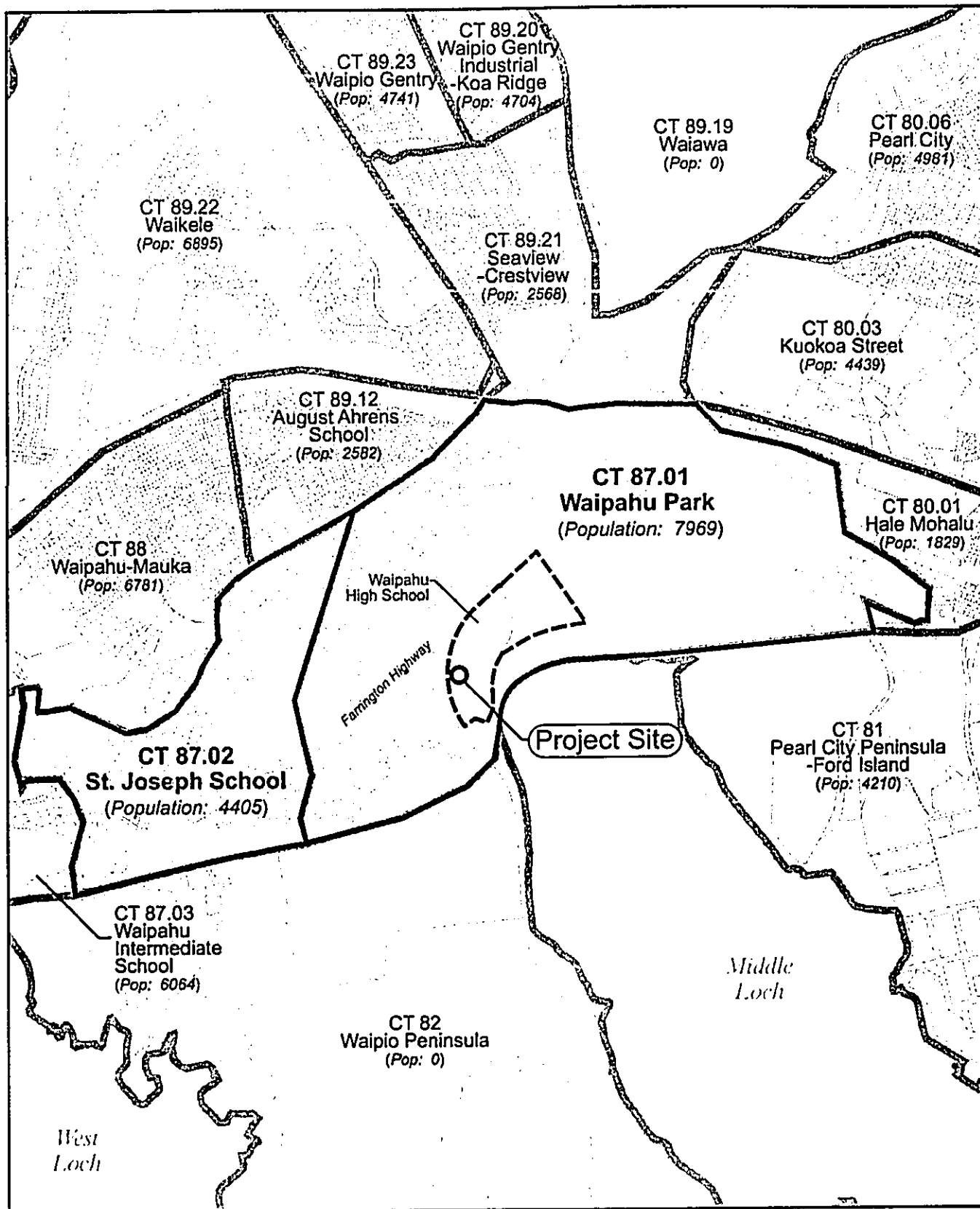
Figure 9 shows the location and populations of CT 87.01 and 87.02, as well as other surrounding census tracts. According to data from the 2000 U.S. Census¹, CT 87.01 had a total population of 7,969 persons. Of this number, approximately 4.3% were white, 75.5% Asian, 5.2% Native Hawaiian/Pacific Islander, and 13.1% were of two or more races. Average household size in this census tract was 4.46 persons, larger than the Countywide average of 2.95 persons. Median household income in this census tract was \$59,464, compared to the County median of \$51,914.

Table 3 presents a demographic profile of CT 87.01, adjacent CT 87.02 and Honolulu County as a whole. Compared to the County, both census tracts have a lower percentage of whites (about 4% compared to 21.3%), and a higher percentage of Asians (75.5% and 69.1% compared to 46.0%). CT 87.01 has a slightly lower percentage of Native Hawaiian/Pacific Islanders compared to the County as a whole (5.2% vs. 8.9%), although CT 87.02 had rates comparable to the County.

Both census tracts had average household sizes larger than the County average, though the household size was slightly larger in CT 87.01. In 1999, CT 87.01 had a median household income slightly higher than the County median, and CT 87.02 had a median household income lower than the County median.

¹ Data from the U.S. Census Bureau website at www.census.gov.

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Source: State of Hawaii GIS
December 2003



1:24,000

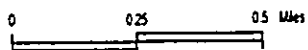


Figure 9

Census Tracts 2000

Table 3: Demographic Characteristics of Census Tracts 87.01 and 87.02

	CT 87.01, Waipahu Park		CT 87.02, St. Joseph School		Honolulu County	
Total Population	7,969		4,405		876,156	
Race						
--White (alone)	349	4.3%	182	4.1%	186,484	21.3%
--Black (alone)	57	0.7%	40	0.9%	20,619	2.4%
--Native American (alone)	4	0.05%	6	0.1%	2,178	0.2%
--Asian (alone)	6,022	75.5%	3,043	69.1%	403,371	46.0%
--Hawaiian/ Pacific Islander (alone)	420	5.2%	402	9.1%	77,680	8.9%
--Other race (alone)	71	0.8%	40	0.9%	11,200	1.2%
--Two or more races	1,046	13.1%	692	15.7%	174,624	19.9%
Average Household Size	4.46		3.69		2.95	
1999 Median Household Income	\$59,464		\$39,438		\$51,914	

Potential Impacts and Mitigation Measures

The proposed project will not affect population levels, income or household characteristics. The proposed construction of a new eight-classroom building will improve the high school's physical facilities. It will reduce current overcrowding, provide needed classrooms and offices, and help accommodate anticipated increases in student enrollment.

There will be short-term, construction noise and dust that will affect the school and surrounding residences immediately west (Ewa) of the school. Construction-related dust will be minimized and noise levels will meet the Department of Health community noise standards at the school property line. However, some temporary construction noise and dust is unavoidable. There will be no long-term adverse impact on the school or surrounding residences.

The construction project will also provide positive economic benefits in terms of construction jobs, construction spending, and multiplier effects on the local economy. In the long-term, the new classroom building will have a positive economic effect on the school, and comply with the overall Waipahu High School Master Plan.

3.3.2 Scenic and Visual Resources

Scenic and visual resources in the area include views of the Waianae mountain range. Despite its proximity, Pearl Harbor is not visible from the project site due to the flat topography and surrounding structures. However, the harbor is visible from other areas of the school campus. The project site is within the existing Waipahu High School campus. Surrounding areas of Waipahu Town are urbanized and developed.

Potential Impacts and Mitigation Measures

The proposed two-story building will be 42'-0" in height. According to the City's zoning code, the Land Use Ordinance (LUO), the existing R-5 zoning allows buildings up to 25 feet in height. A request for a waiver of the LUO Section 21-3.70-1(c)(1) will be submitted to the City Department of Planning and Permitting.

The two-story building will be noticeable from Farrington Highway, Waipio Access Road, and the residential area across the street. However, the structure will be visually compatible with the adjacent school buildings, and will not obstruct views of the mountains or harbor. Its design will be consistent with the surrounding structures, and it will not have a negative visual impact on the area.

3.3.3 Archaeological, Historic, and Cultural Resources

The State of Hawaii Department of Land and Natural Resources Historic Preservation Division conducted a Chapter 6E-8 HRS Review of the proposed project. In a December 3, 2003 letter (LOG NO. 22003.2415, DOC No: 0311st13), SHPD noted:

"...there are no known historic sites at this location, nor have historic sites been documented during construction of the additions built in the 1970's and 1980's. Because the proposed construction is within areas that have been previously developed, historic sites are unlikely to be found. Thus, we believe that the proposed expansion will have "no effect" on significant historic sites.

However, in the unlikely event that historic sites, including human burials, are uncovered during routine construction activities, all work in the vicinity must stop and the State Historic Preservation division must be contacted..."

The letter, included in Chapter 9, also notes that:

"Since there are no structures over 50 years of age, we believe that the determination for the architectural concerns of the proposed project is 'no historic properties affected'."

Potential Impacts and Mitigation Measures

The project will not impact archaeological, historic or cultural resources. No mitigation measures are required.

Act 50, Session Laws of Hawaii, 2000 requires that a proposed action's impact(s) on the cultural practices of a community be disclosed in the environmental review process. The new building is consistent with the existing use of the site as a school. The improvements are within the boundaries of the school campus, and will not have an impact on cultural practices within the surrounding community.

3.4 TRAFFIC AND CIRCULATION

3.4.1 Existing Conditions

The entrance to Waipahu High School is located near the signalized intersection of Farrington Highway and Waipio Access Road. Farrington Highway is a State highway running east to west, connecting Pearl City to the Ewa area, and continuing along the Waianae Coast. Near Waipahu High School, Farrington Highway is a four-lane divided roadway. Waipio Access Road is a two-lane collector street under City and County jurisdiction. It provides access from Farrington Highway along the length of Waipio Peninsula. In addition to providing access into the high school, land uses on Waipio Peninsula include the Ted Makalena Golf Course, the new Waipio Peninsula Soccer Park, and the Navy's Inactive Ship Maintenance Facility.

Traffic counts along Farrington Highway and Waipio Access Road and at their intersection were taken as part of the Environmental Impact Statement (EIS) for the Waipio Peninsula Soccer Park (City and County of Honolulu, 1998). At that time, the EIS noted that existing (1998) traffic at the intersection operated at very acceptable levels of service during the both weekdays and Saturdays. The EIS projected that after completion of the soccer park, afternoon peak traffic would increase by 16.5 percent during the weekdays and 27.1 percent on Saturdays. Intersection level of service in 2001 (the opening of soccer park) would still be at acceptable levels of delay (LOS C) during afternoon and early evening peak hours, though increased traffic would result in longer waits at the intersection. Traffic conditions on Saturdays were predicted to have acceptable levels of delay, although the conditions would be at LOS D during the midday peak hour. During the Saturday midday peak, it was predicted that the queue of vehicles waiting to make a left turn onto Waipio Access Road from Farrington Highway would exceed the 180-foot length of the left turn lane.

By year 2010, representing full development of the soccer park master plan, afternoon peak hour traffic at this intersection was projected to increase by 29.3 percent during the weekdays, and by nearly 50 percent on Saturdays. Level of service at the intersection would exceed the capacity of the intersection, resulting in unacceptable levels of service.

Some of the mitigation measures identified in the EIS included widening Waipio Access Road (to either three or four lanes), extending the west-bound left turn lane at the Farrington Highway-Waipio Access Road intersection, and creation of a right-turn lane from Waipio Access Road onto Farrington Highway.

3.4.2 Potential Impacts and Mitigation

During project construction, the contractor's staging area will temporarily displace seven parking stalls in an existing parking lot on the southwest side of the new building. There is the potential for some parking to overflow into the surrounding residential area at times. However, given the limited number of stalls affected, no significant impacts are anticipated. The construction contract will include a parking policy for construction vehicles and equipment, and staging areas to be used by the contractor will be specified. *Displacement of the parking stalls will be temporary.*

Once the project is completed, no additional on-campus parking will be required for the new eight-classroom building. The number of existing parking spaces on campus is adequate in accordance with the City's Land Use Ordinance.

The project itself will not cause an increase in traffic to and from Waipahu High School, and will not require traffic mitigation. Increases in student enrollment, and the associated increase in vehicular traffic, will occur with or without the project. However, the area will experience a substantial increase in traffic in coming years, due to the build out of the Waipio Peninsula Soccer Park, located just over a mile beyond the school on Waipio Peninsula. The soccer park will increase traffic at the Farrington Highway-Waipio Access Road intersection, particularly during the afternoon peak hour and on weekends. Some roadway improvements at this intersection are likely to be implemented by the State and/or City and County in the future, in order to accommodate the full build out of the soccer park, as well as general growth in regional traffic.

In a November 21, 2003 comment letter (see Chapter 9), the State Department of Transportation also noted that "because of the growing student population and growth in the surrounding neighborhood, future monitoring of the intersection of Farrington Highway and Waipio Access Road may be needed."

3.5 UTILITIES

3.5.1 Drainage System

No improvements to the existing drainage system will be needed for the project. Existing drainage patterns will be maintained. Runoff will continue to sheet flow across the property to existing swales and drainage structures.

Grading of the site will comply with the City and County Grading Ordinance and the recommendations of the geotechnical engineer.

3.5.2 Water System

The Board of Water Supply provides water service to Waipahu High School and the surrounding area. The project will require relocation of an existing waterline. About 200 linear feet of an existing 6-inch water line will be rerouted to clear the site for the new classroom building. The proposed classroom building and relocated portables will connect to the new 6-inch waterline. There is a separate 8-inch water line for fire flow. An existing fire hydrant will also need to be relocated.

Average daily demand for potable water for the new classroom buildings is 3,530 gallons per day (GPD), with maximum daily demand of 5,295 GPD, and peak hour demand of 10,590 GPD. The Board of Water Supply (BWS) has indicated that the existing water system is presently adequate to accommodate the proposed classroom building. DAGS will submit a water allocation request to the State of Hawaii Department of Land and Natural Resources, which approves the water allocation required for all State projects. The availability of water will be confirmed when the building permit is submitted to the Board of Water Supply for approval. When water is made available, the applicant will be required to pay the applicable Water System Facilities Charges.

The project's potable water system will comply with the Board of Water Supply's Water System Standards and Standard Details for Water System Construction.

3.5.3 Wastewater System

Existing wastewater service at the school is provided by the City and County of Honolulu. The immediate project area is served by an 8-inch sewer line that connects to another 8-inch line along the school frontage road. Wastewater from the area is pumped to the Honouliuli Wastewater Treatment Plant.

Potential Impacts and Mitigation Measures

The project's estimated average daily demand for wastewater is 3,000 gallons per day (GPD), with a maximum daily demand of 15,000 GPD, and peak hour demand of 27,575 GPD.

Approximately 140 linear feet of the 8-inch sewer line will be rerouted to clear the site for the classroom building. This will be replaced with a new line. The proposed classroom buildings will connect to the new 8-inch sewer line.

The sewer system will be designed in accordance with the City and County of Honolulu's Design Standards of the Department of Wastewater Management, Volume I. All

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

3.5.4 Electrical and Telecommunications Systems

The school obtains electrical service from the Hawaiian Electric Company (HECo) at 480/277 volts, 3 phase, 4 wire, 60 Hertz. A pad-mounted transformer is located near the school's electrical service equipment near Building "I." Power is extended from the transformer to the existing school service entry equipment.

Verizon Hawaii provides telephone service to the school, and cable television (CATV) service is by Oceanic Cablevision. The telephone cable enters the Waipahu High School campus off of Waipio Access Road, and routes underground adjacent to Building D, about where temporary classrooms P-25 and P26 will be relocated.

Potential Impacts and Mitigation Measures

The new classroom building will have data, telephone, public address, video capability, as well as fire alarm. The existing power system will be extended to support the new building. The new portable classroom P-25 will obtain power from an existing underground feeder at adjacent building P-28. New portable classroom P-26 will obtain power from an existing underground feeder at adjacent portable P-32.

The new classroom building's electrical and telecommunications systems will be connected to the school campus main distribution frame. The building fire alarm system will be connected to the main campus fire alarm control panel in the Administration building.

The project design will be consistent with the engineering requirements specified by Hawaiian Electric Co., Verizon Hawaii and other utility companies.

3.6 PUBLIC HEALTH AND SAFETY

3.6.1 Police Services

The area is served by police officers assigned to the Pearl City station. The Police Department has noted that they anticipate the usual calls for police service during the construction phase related to dust, noise and traffic complaints. However, after the project is completed, they do not anticipate any significant impact on police services.

3.6.2 Fire and Emergency Medical Services

The City and County of Honolulu Fire Department has two fire stations near the school. The closest fire station is the Waikele Fire Station, at the corner of Lumiaina Street and Lumiaina Place, about a mile north of the school. The Waipahu Fire Station is located on

Leonui Street, approximately two miles west of the school. In addition to the City and County facilities, the federal Manana fire station, which serves military housing and other federal facilities, is located approximately 1-1/2 miles northeast of Waipahu High School. Federal fire stations are also available to respond to civilian emergencies as needed.

An Emergency Medical Services (EMS) unit is located at the Waipahu Fire Station. According to a co-response agreement between EMS and the Fire Department, the nearest fire station will also dispatch personnel in response to medical incidents.

The new classroom building and new portable classrooms will meet all applicable building and fire codes. The project will not increase fire service demand, or affect the ability of the Honolulu Fire Department to respond to emergencies in the area. As required by the Fire Department, a fire access road will be located within 150 feet of the first floor of the structures. Construction plans will be submitted to the Honolulu Fire Department for review and approval.

4 LAND USE PLANS, POLICIES, AND CONTROLS

4.1 HAWAII STATE PLAN

The Hawaii State Plan, Chapter 226, HRS, serves as a written guide for the future long-range development of the State by identifying goals, objectives, policies, and priorities and by providing a basis for determining priorities and allocating limited resources, such as public funds, services, manpower, land, energy, water, and other resources. Relevant State Plan goals, objectives, policies and priority guidelines are noted below.

The proposed project would be in conformance with State Plan objectives and policies for socio-cultural advancement—education,

“(b) To achieve the educational objective, it shall be the policy of this State to: (1) Support educational programs and activities that enhance personal development, *physical fitness, recreation, and cultural pursuits of all groups...* (2) Ensure the provision of adequate and accessible educational services and facilities that are designed to meet individual and community needs...”(Section 226-21, HRS).

4.2 STATE LAND USE CLASSIFICATION

The State Land Use Commission, pursuant to Chapter 205 and 205A, HRS and Chapter 15-15, Hawaii Administrative Rules, is empowered to classify all lands in the State into one of four land use districts: urban, rural, agricultural and conservation. The entire alignment falls within the “Urban” classification. Activities or uses that fall within the Urban classification are regulated by the City (see Figure 10).

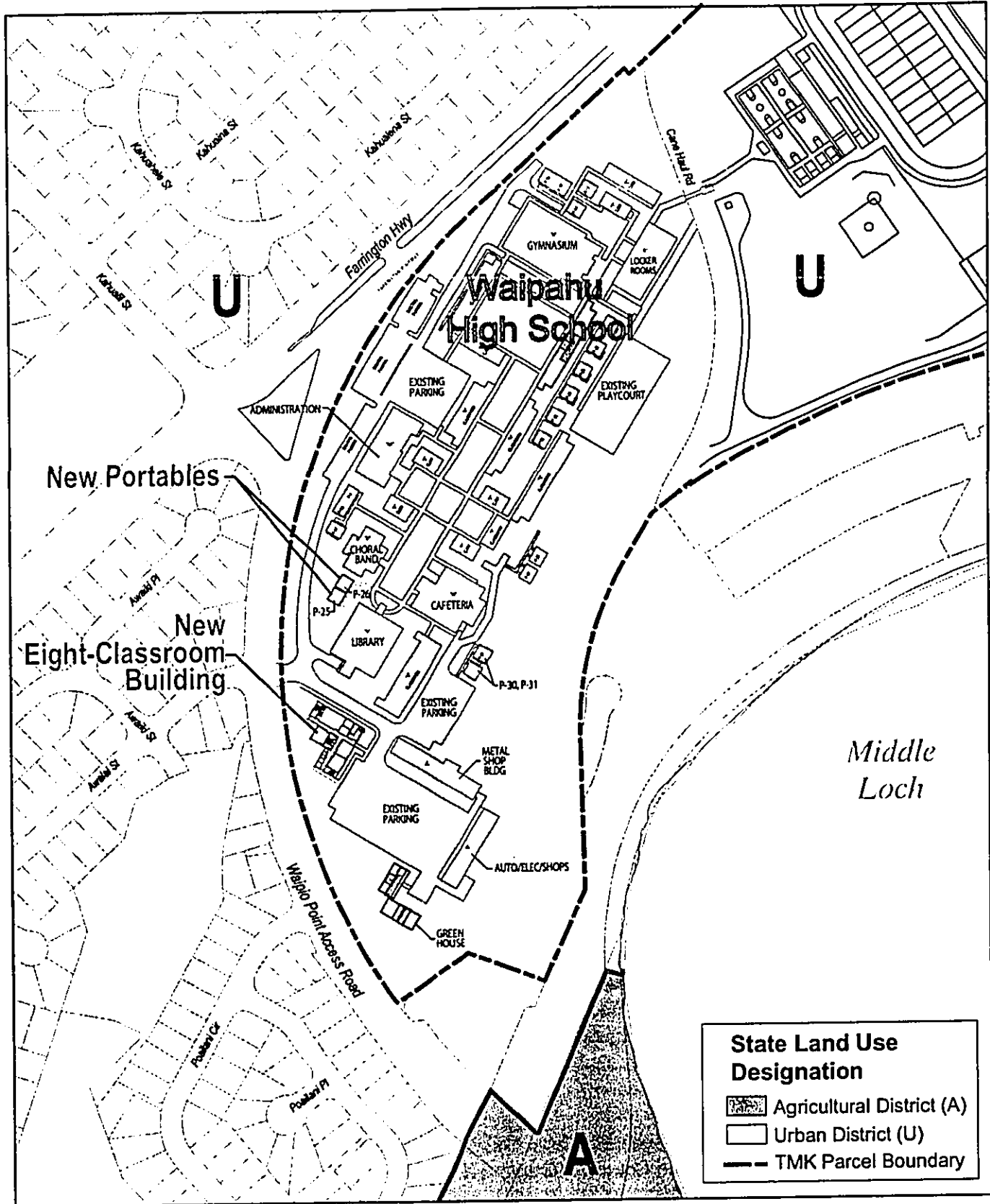
4.3 CITY AND COUNTY OF HONOLULU LAND USE REGULATIONS

4.3.1 General Plan

The General Plan for the City and County of Honolulu (1992) is a comprehensive statement of long-term objectives and policies for Oahu over a 20 year period. The General Plan addresses eleven areas of concern, including population; economic activity; the natural environment; housing; transportation and utilities; energy; physical development and urban design; public safety; health and education; culture and recreation; and government operations and fiscal management.

The proposed project is consistent with the following policies and guidelines of the 1992 General Plan Objectives and Policies, Chapter IX, Health and Education.

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Source: State of Hawaii GIS
January 2004



0 150 300 Feet

Figure 10

State Land Use

Objective B: To provide a wide range of educational opportunities for the people of Oahu.

Policy 3: Encourage the after-hours use of school buildings, grounds and facilities.

Policy 4: Encourage the construction of school facilities that are designed for flexibility and high levels of use.

Policy 5: Facilitate the appropriate location of learning institutions from the preschool through the university levels.

4.3.2 Central Oahu Sustainable Communities Plan

Waipahu High School is within the Central Oahu Sustainable Communities Plan (SCP) (December 2002) area. Figure 11 shows the Sustainable Communities Plan's land use plan. The school is located in the area designated for Residential and Low Density Apartments.

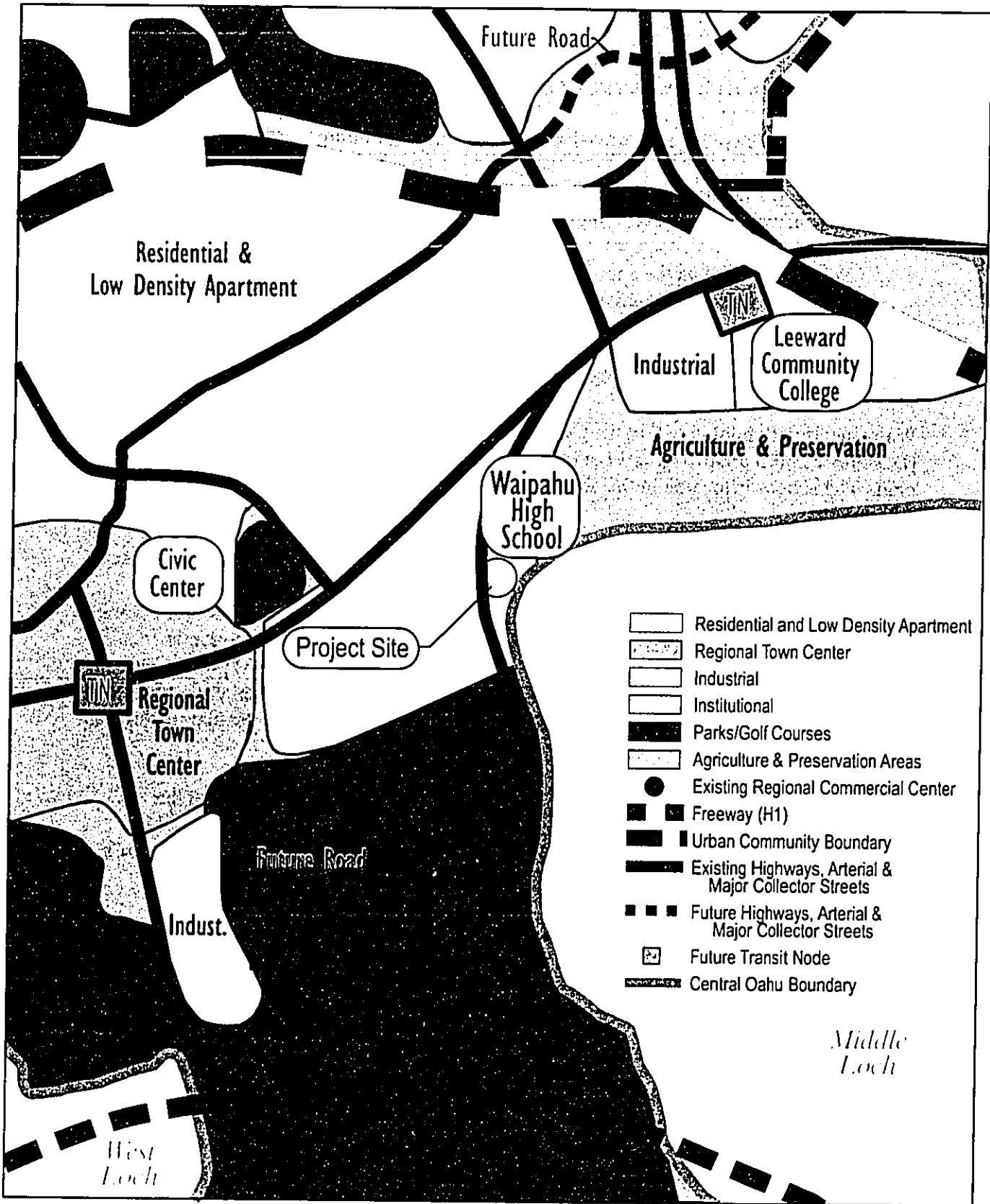
Section 3.5 of the Central Oahu Sustainable Communities Plan entitled "Waipahu Town," discusses policies, planning principles and guidelines for development of Waipahu. Waipahu Town is envisioned as a "harmonious blend of the old and new." Major planning themes for the planning and design of Waipahu include 1) the need for economic revitalization; 2) keeping new land uses compatible with existing uses; 3) promoting and preserving Waipahu's plantation heritage; 4) improving Waipahu's visual appearance and character; 5) increasing recreational opportunities; and 6) improving vehicular, pedestrian and bicycle circulation.

Although Waipahu High School is not specifically addressed in Section 3.5 of the Sustainable Communities Plan, the upgrade of the school's facilities supports and is consistent with the overall SCP goals of economic revitalization, improving Waipahu's visual appearance and social and cultural enhancements.

4.3.3 Waipahu Town Plan and Waipahu Livable Communities Initiative

A community based, special area plan for Waipahu Town was prepared by the City and County of Honolulu in December 1995 and adopted by the City Council in 1996. The purpose of the special area plan was to provide a more detailed plan for Waipahu than could be provided the Central Oahu Development Plan/Sustainable Communities Plan. The Waipahu Town Plan (December 1995) is the result of a collaborative, community effort headed by the Waipahu Town Plan Task Force, comprised of business and community groups, large landowners, area politicians, and other community stakeholders. Major components of the Waipahu Town Plan include economic development, land use, circulation, urban design, and an implementation plan.

Waipahu High School Eight-Classroom Building
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Source: Central Oahu Sustainable Communities Plan, Map A2: Urban Land Use
November 2003

Figure 11

Central Oahu SCP Land Use Map

0 750 1500 Feet



The Waipahu Livable Communities Initiative (May 1998) was intended to improve the quality of transportation facilities and promote economic revitalization in Waipahu. It was also intended to extend the Waipahu Town Plan effort by identifying specific implementation projects.

Although neither the Waipahu Town Plan nor the Waipahu Livable Communities Initiative specifically addresses Waipahu High School, the project is consistent with the social, economic and physical improvement goals in both planning documents.

4.3.4 Zoning

The main Waipahu High School campus, including the entire project site, is located in the R-5 Residential zoning district. The school's lower campus athletic complex is located in the Ag-2, General Agriculture District. The intent of the City and County's residential districts is to provide areas for urban residential development. Schools are a permitted use within the R-5 zoning district (see Figure 12). The R-5 residential zoning requires a minimum lot size of 5,000 square feet, with building heights of 25 feet. The new two-story classroom building will be 42'-3" in height. A waiver for the height requirements of the Land Use Ordinance Section 21-3.70-1(c)(1) is being submitted.

4.3.5 Special Management Area

Coastal Zone Management objectives and policies (Section 205A-2, HRS) and the Special Management Area (SMA) guidelines (Section 25-3.2 ROH) have been developed to preserve, protect, and where possible, to restore the natural resources of the coastal zone of Hawaii. As shown in Figure 12, Waipahu High School is not within the Special Management Area (SMA), and a Special Management Area use permit is not required. The project will not have a direct or indirect impact on the State's coastal zone.

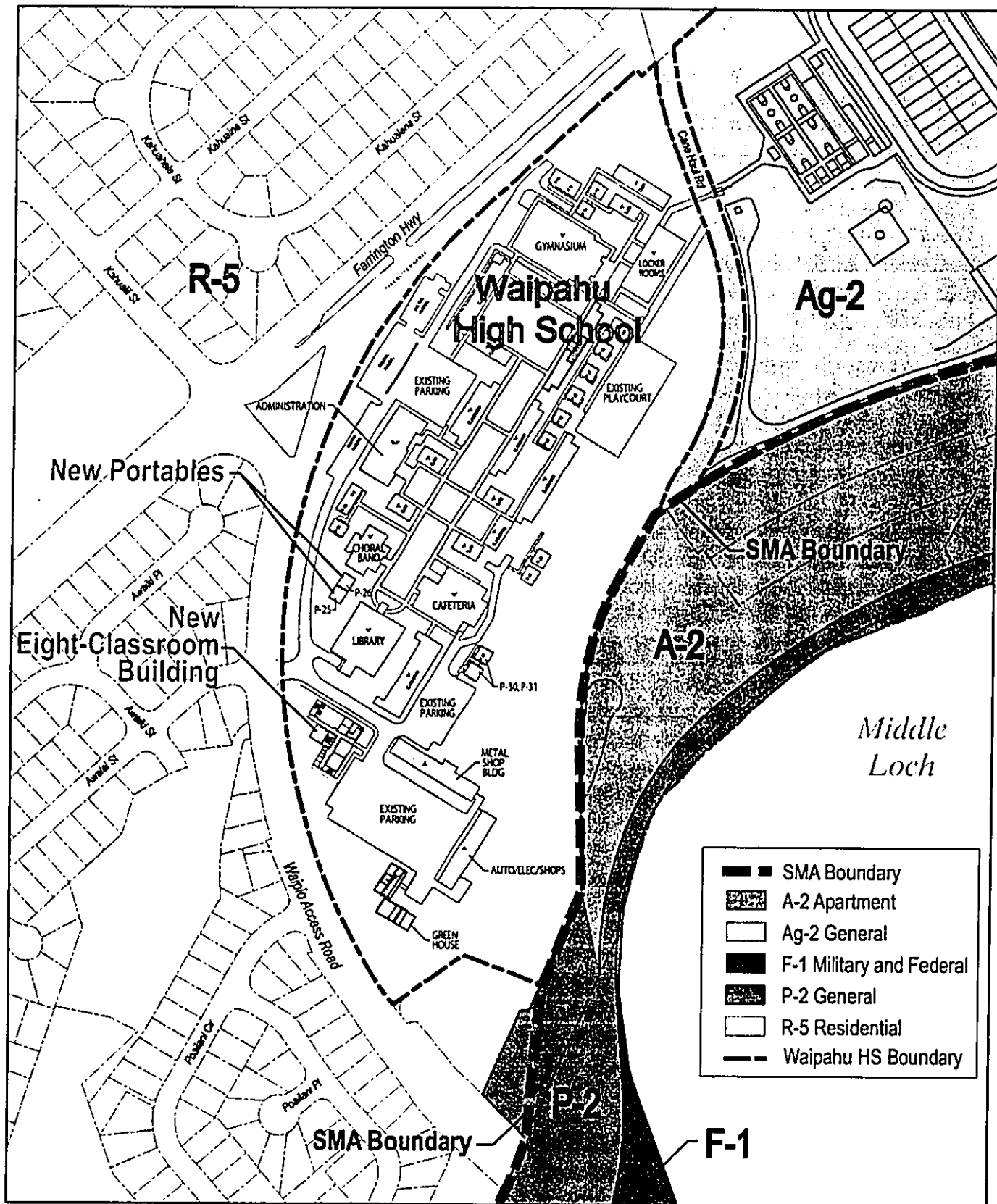
4.4 OTHER

4.4.1 Waipahu High School Master Plan

The Waipahu High School Revised Master Plan was prepared for the State of Hawaii Department of Accounting and General Services by Anbe, Aruga & Ishizu, Architects, Inc. in 2003. The purpose of the master plan was to update the school's physical plant to enable it to meet the needs of a growing student body, as well as the needs generated by the introduction of new educational methods. The master plan also sought to provide the school with a sense of unity and identity.

The master plan notes that the Waipahu High School campus comprises three major areas—an existing upper campus of approximately 20 acres, the existing lower campus playfield on approximately 18 acres, and a proposed expanded school campus of approximately 7 acres. The original master plan proposed to expand the school's lower

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Source: Honolulu City & County GIS
January 2004

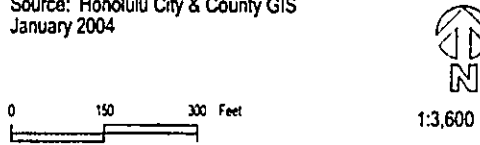


Figure 12
Zoning/SMA

campus, which is located at the back of the existing campus. However, the proposed expansion area is a former fill area, and it was discovered that due to unstable soil conditions, it could not support buildings. As a result, the master plan focused on facilities in the upper campus area, and additional and relocated parking in the expanded lower campus area.

Based on the Revised Master Plan, thirty-one new classrooms were proposed for Waipahu High School, to be constructed in several increments. A new eight-classroom building was completed in February 1998 as the first increment of the Revised Master Plan.

The subject project was referred to in the Revised Master Plan as a "Five Classroom Building." The design was subsequently revised to include eight classrooms. Additional classrooms will be constructed in future increments, as funding is available. Other master plan components include expansion of the existing automotive building, expansion of the cafeteria, expansion of student and faculty parking, construction of a new bus loading area on Waipio Access Road, and new locker room near the athletic field. Separate environmental documentation will be prepared for these future increments.

5 POSSIBLE ALTERNATIVES

5.1 NO ACTION

The "no action" alternative assumes the status quo. Under this alternative, no new classroom building would be constructed. The school would continue to operate with inadequate classrooms, and offices, and overcrowding would increase further as student population expands over the next two years. The school would not have a dedicated special education classroom, as mandated by both State and federal requirements. No progress would be made toward implementing the recommendations of the Waipahu High School Revised Master Plan. No action would also be inconsistent with Governor Lingle's stated policy to make improving public education a high priority.

5.2 DELAYED ACTION

One option is to delay the construction of the new eight-classroom building, and implement other components of the Waipahu High School Revised Master Plan. This would mean continued reliance on the existing facilities until the action is initiated. As student enrollment increases over the next two years, overcrowding in existing facilities would become more severe. The school would continue to be out of compliance with State and federal special education requirements because of a lack of a special education classroom. Overall, delaying the proposed construction would only increase overall project costs because of inflation and changes in economic and labor supply conditions.

5.3 ALTERNATIVE LOCATIONS AND DESIGNS

Alternative locations for the new classroom building were explored during preparation of the Waipahu High School Revised Master Plan (2003). Initial plans to construct classrooms in the lower campus expansion area were modified, when soils studies revealed that this former fill area could not adequately support structures. Various locations in the main upper campus were considered, but the final location was selected because of its availability, its central location, good functional relationships with other classrooms, and proximity to supporting facilities such as the library.

During the design process, three alternative design schemes for the new classroom building were developed, and evaluated by the users. The schemes differed in their layout and room locations. The proposed design was determined to be the most desirable because of its room arrangement, orientation to prevailing winds, and north-south orientation. Therefore, it was selected as the preferred design.

The alternative to relocate portable buildings P-25 and P-26 rather than replace them was also considered. However, the existing portables are more than 30 years old. Structural examination revealed that the building sidings have dry rot, and the structures contain

hazardous materials. For this reason, the decision was made to demolish the existing structures and construct new portable classrooms.

5.4 EVALUATION OF ALTERNATIVES

The proposed action was the result of an analysis of alternative locations on campus, as well as alternative building designs. The project site was selected because it was on the upper campus, was available for development, and was of adequate size. The location provided good functional relationships with other classroom facilities, and displacement of existing parking would be minimal. The design scheme was selected over other alternatives because the room configurations were efficient, and because of the building orientation to prevailing winds.

6 DETERMINATION

Based on the information described in this document, the proposed project is not expected to result in significant social, economic, cultural, or environmental impacts. Consequently, the State of Hawaii Department of Accounting and General Services, on behalf of the Department of Education, has determined that the project will have no significant impact, pursuant to the provisions of Subchapter 6 of Chapter 200, Title 11, Hawaii Administrative Rules of the Department of Health.

7 FINDINGS AND REASONS SUPPORTING THE DETERMINATION

This Final Environmental Assessment, prepared in accordance with Chapter 343, HRS, as amended, has found that the potential for impacts associated with the proposed action will not be significant. Potential environmental impacts will be temporary and are not expected to adversely impact the long-term environmental quality of the area.

The potential effects of the proposed project were evaluated based on the significance criteria in Section 11-200-12 (Hawaii Administrative Rules, revised in 1996). The following is a summary of potential effects of the action.

SIGNIFICANCE CRITERIA

1. Irrevocable commitment to loss or destruction of natural or cultural resources.

The proposed project will not adversely impact natural or cultural resources. The project will demolish two temporary classrooms ("portables") and construct a new, two-story, eight-classroom building. The two temporary classrooms will be replaced with two new portable classrooms at a different site. The project takes place within the boundaries of the existing high school, and will not result in the loss or destruction of natural or cultural resources.

2. Curtailment of the range of beneficial uses of the environment.

The project will not curtail the range of beneficial uses of the environment, as the new classroom is located within a developed portion of the Waipahu High School campus.

3. Conflicts with the State's long-term environmental policies or goals and guidelines as expressed in Chapter 344, HRS, and any revisions thereof and amendments thereto, court decisions, or executive orders.

The proposed project is consistent with the environmental policies, goals, and guidelines defined in Chapter 344, HRS. By improving the area's public school facilities, the project is consistent with guideline (8)(B) Community life and housing, in §344-4, Guidelines. That specific guideline is to "Develop communities which provide a sense of identity and social satisfaction in harmony with the environment and provide internal opportunities for shopping, employment, education, and recreation."

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

The project will provide needed classroom facilities at Waipahu High School, and therefore will have a positive impact on the economic and social welfare of the community. Short-term negative impacts are associated with construction noise and dust to the school and surrounding residents, and possibly some traffic disruption. These impacts will be temporary.

5. Substantially affects public health.

The proposed project will be completed in accordance with Federal, State and City and County of Honolulu rules and regulations governing public safety and health. Primary public health concerns involve construction-period air quality, noise, and traffic. The contractor will be obligated to meet the environmental standards and procedures of various governmental agencies in the course of obtaining necessary permits. Potential public health impacts will be minimized or brought to negligible levels by the mitigation measures described in this document.

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

Population increases resulting in a projected growth in the school's student population are occurring independent of the proposed project. The project itself is not generating the population changes. Rather, the project is responding to these population changes by providing additional and improved classroom facilities at Waipahu High School. The project will not affect other public facilities.

7. Involves substantial degradation of environmental quality.

The project will take place within the boundaries of an existing school campus. All project construction will occur in currently developed areas. Construction-related noise, dust and traffic impacts will be temporary and will be mitigated. There will be no degradation of environmental quality. Upon completion of the project, the environmental quality of the area will return to pre-construction condition.

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

The proposed project is part of the State's Waipahu High School Revised Master Plan. Other components of the master plan will be planned and funded separately by the Department of Accounting and General Services for the Department of Education. This project does not involve a commitment for larger actions. It will not have an impact on local, regional, and island-wide land use and/or population.

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

The project area is a long established urban community with no rare, threatened, or endangered species or their habitats. The project will not affect endangered water birds that travel and nest in various areas around the Pearl Harbor shoreline.

10. Detrimentially affects air or water quality or ambient noise levels.

There will be short-term impacts on the air quality and noise levels inside of and adjacent to the construction area. Mitigation measures will be implemented to minimize construction-related impacts. There will be no long-term impacts to air or water quality or ambient noise levels.

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

The project area is not at high risk for tsunami inundation or flooding, and is away from the Special Management Area and coastal resources. The project will not impact the waters of the Pearl Harbor estuary, or adjacent stream waters. The project will not affect sensitive environmental resources.

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

The project will not affect scenic vistas and view planes identified in public planning documents or studies. The new two-story building will be nearly 43 feet in height, and as such, noticeably taller than the immediately surrounding school buildings. However, it will be visually compatible with the surrounding school. A zoning height variance will be obtained from the City and County of Honolulu. The building will not obstruct views of the harbor or the mountains.

13. Requires substantial energy consumption.

Installation of an air conditioning system and electrical system in the new building will increase electrical demand at the school, but this will not be substantial. Energy demands will be typical for a project of this type. The building is being designed to be properly insulated and to meet current energy codes.

CONCLUSION

The analysis contained in this Environmental Assessment has determined that the project will not have significant adverse impacts. The State of Hawaii Department of Accounting and General Services, on behalf of the Department of Education, is filing a Finding of No

Significant Impact (FONSI) with the State Office of Environmental Quality Control.
Anticipated impacts will be temporary and will not adversely affect environmental quality
in the area.

8 BIBLIOGRAPHY

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Kimura International, Inc. *Hazardous Material Survey Report, Portables 25 and 26, Waipahu High School, Waipahu, Oahu, Hawaii*. December 2003.

Mitsunaga & Associates, Inc. *Schematic Basis of Design for Waipahu High School, 8-Classroom Building, DAGS Job No. 12-16-1450*. Prepared for the State of Hawaii Department of Education Leeward School District by the Department of Accounting and General Services, Public Works Division. December 1, 2003.

State of Hawaii. *The Hawaii State Plan, Education Functional Plan*. 1989.

State of Hawaii, Department of Land and Natural Resources, Commission on Water Resource Management and the U.S. National Park Service. *Hawaii Stream Assessment*. December 1990.

United States Department of Agriculture, Soil Conservation Service, In Cooperation with the University of Hawaii Agriculture Experiment Station. *Soil Survey of Kauai, Oahu, Maui, Molokai and Lanai, State of Hawaii*. August 1972.

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9 ORGANIZATIONS AND AGENCIES CONSULTED IN PREPARATION OF THE DRAFT AND FINAL ENVIRONMENTAL ASSESSMENTS

9.1 Comments Received During the Early Consultation Period

The following agencies and organizations were sent a pre-consultation letter on November 13, 2003, requesting comments prior to completion of the Draft Environmental Assessment. Comments were requested by December 10, 2003.

Letters from 16 agencies and individuals were received during the pre-consultation period, and are reproduced in this chapter. Those responding are noted with an asterisk (*) below. The comments were incorporated into the Draft Environmental Assessment.

Federal

U.S. Army Engineer District

State

Department of Business, Economic Development & Tourism, Office of Planning

*Department of Education

Facilities and Support Services Branch
Waipahu High School

*Department of Hawaiian Home Lands

Department of Land and Natural Resources

- *Land Division
- *State Historic Preservation Division

Department of Health

- Environmental Management Division
- Office of Environmental Quality Control

*Department of Human Services

*Department of Transportation, Statewide Transportation Planning Office

*Office of Hawaiian Affairs

City and County of Honolulu

*Board of Water Supply

*Department of Design and Construction

*Fire Department

Department of Planning & Permitting

*Department of Parks and Recreation

Department of Transportation Services

*Police Department

Department of Environmental Services
Department of Facility Maintenance

Utilities

*Hawaiian Electric Company
*Verizon Hawaii

Other Community Organizations

Waipahu Neighborhood Board, #22

Elected Officials

*Senator Cal Kawamoto, State Senate District 18
Senator Willie Espero, State Senate District 10
*Representative Jon Karamatsu, State House District 41
Representative Alex Sonson, State House District 35
Representative Guy Ontai, State House District 37
Representative Tulsi Gabbard Tamayo, State House District 42
Representative Roy Takumi, State House District 36
City Councilman Nestor Garcia, District 9

9.3 Comments Received During Review of the Draft EA

The Draft EA was filed with the Office of Environmental Quality Control, and its notice of availability published in the February 23, 2004 edition of The Environmental Notice. The Draft EA was sent to the agencies and organizations listed below, as well as the Hawaii State Library. The 30-day review period ended on March 23, 2003.

During the Draft EA comment period, 19 letters were received. Agencies that sent comment letters during the Draft EA comment period are noted with a double asterisk (**) below. The letters, as well as the response letters are included at the end of this chapter.

Federal

**U.S. Army Engineer District

State

Department of Business, Economic Development & Tourism, Office of Planning
**Department of Education
 Facilities and Support Services Branch
 Waipahu High School
Department of Hawaiian Home Lands
**Department of Land and Natural Resources

- **DLNR, State Historic Preservation Division
- **Department of Health, Environmental Management Division
- **Department of Health, Office of Environmental Quality Control
- **Department of Human Services
- **Department of Transportation, Statewide Transportation Planning Office
- **Office of Hawaiian Affairs

City and County of Honolulu

- **Board of Water Supply
- **Department of Design and Construction
- **Fire Department
- **Department of Planning & Permitting
- **Department of Parks and Recreation
- Department of Transportation Services
- **Police Department
- Department of Environmental Services
- **Department of Facility Maintenance

Utilities

- Hawaiian Electric Company
- **Verizon Hawaii

Other Community Organizations

- **Waipahu Neighborhood Board, #22

Elected Officials

- Senator Cal Kawamoto, State Senate District 18
- Senator Willie Espero, State Senate District 10
- **Representative Jon Karamatsu, State House District 41
- Representative Alex Sonson, State House District 35
- Representative Guy Ontai, State House District 37
- Representative Tulsi Gabbard Tamayo, State House District 42
- Representative Roy Takumi, State House District 36
- City Councilman Nestor Garcia, District 9

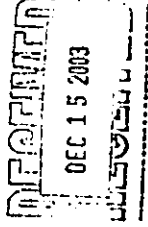
**Comments Received During the
Early Consultation Period**

LEIHA LUKALE
STATE OF HAWAII



STATE OF HAWAII
DEPARTMENT OF EDUCATION
PO BOX 2490
HONOLULU, HAWAII 96814

PAHOLEA
STATE OF HAWAII



STATE OF HAWAII
DEPARTMENT OF EDUCATION

December 9, 2003

Mr. Glenn T. Kimura
Kimura International
1600 Kapiolani Boulevard, Suite 1610
Honolulu, Hawaii 96814

Dear Mr. Kimura:

Subject: Pre-Assessment Consultation on
Waipahu High School Eight-Classroom Building
Waipahu, Oahu TMK: 9-4-08-20

The Department of Education has reviewed your project description for the eight-classroom building at Waipahu High School and has no comment at this time.

If you have any questions, please call me at 586-3444 or Heidi Meeker of the Facilities and Support Services Branch at 733-4862.

Sincerely yours,

Rae M. Loui
Rae M. Loui
Assistant Superintendent

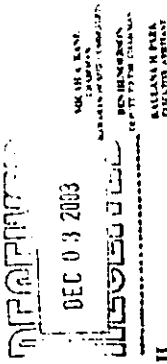
RML:hy

c: Heidi Meeker, FSSB

LEIHA LUKALE
STATE OF HAWAII



STATE OF HAWAII
DEPARTMENT OF HAWAIIAN HOMELANDS
PO BOX 1879
HONOLULU, HAWAII 96814



December 1, 2003

Mr. Glenn T. Kimura, President
Kimura International, Inc.
1600 Kapiolani Boulevard, Suite 1610
Honolulu, Hawaii 96814

Dear Mr. Kimura:

Thank you for the opportunity to review the early consultation report for the Waipahu High School Eight Classroom Building project. The Department of Hawaiian Home Lands has no comments to offer at this time.

If you have any questions, please call me at 586-3501 or call our Planning Office at 586-3836.

Aloha and mahalo,

Daniel J. Garrison
Daniel A. Kane, Chairman
Hawaiian Homes Commission

for

LESLIE BRADY
COMMISSIONER OF PARKS



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



PETER T. YOUNG
COMMISSIONER
BOARD OF LAND AND NATURAL RESOURCES
COMMISSION ON THE STATE LAND MANAGEMENT
DAN DAVENON
DEPUTY DIRECTOR - LAND
EMBERT T. LIU
DEPUTY DIRECTOR - WATER
AGRICULTURE
BOATING AND OCEAN RECREATION
HAWAIIAN CULTURE AND HERITAGE
CONSERVATION AND COASTAL LANDS
COMPARISON AND CONFLICT RESOLUTION
CONSULTANTS
FORESTRY AND WILDLIFE
HONOLULU BRANCH OFFICE
STATE PARKS

WALPAHICHAGSKIMURA.RCM
LD-NAV

Mr. Glenn T. Kimura, President
Kimura International
1600 Kapiolani Blvd, Suite 1610
Honolulu, Hawaii 96814

Dear Mr. Kimura:

SUBJECT: Early Consultation for Preparation of an Environmental
Assessment for Waipahu High School Eight Classroom
Building, Island of Oahu, Hawaii - TMK: (1) 9-4008: 020
DAGS for State Department of Education
Consultant: Kimura International

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

A copy of your letter dated November 13, 2003 (summary of project) and
location maps were transmitted to the following Department of Land and Natural
Resources' Division for their review and comment.

- Division of Forestry & Wildlife
- Division of State Parks
- Engineering Division
- Commission on Water Resource Management
- Office of Conservation and Coastal Lands
- Land-Oahu District Land Office
- Land- Planning and Development Manager

Based on the attached responses, the Department of Land and Natural
Resources has no comment to offer.

Should you have any questions, please contact Nicholas A. Vaccaro of the
Land Division Support Services Branch at 597-0384.

Very truly yours,

Dierdre S. Hamiya
DIERDRE S. HAMIYA
Administrator

C: ODLJO

LESLIE BRADY
COMMISSIONER OF PARKS



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

DAN DAVENON
DEPUTY DIRECTOR - LAND
EMBERT T. LIU
DEPUTY DIRECTOR - WATER
AGRICULTURE
BOATING AND OCEAN RECREATION
HAWAIIAN CULTURE AND HERITAGE
CONSERVATION AND COASTAL LANDS
COMPARISON AND CONFLICT RESOLUTION
CONSULTANTS
FORESTRY AND WILDLIFE
HONOLULU BRANCH OFFICE
STATE PARKS

November 18, 2003

LD/NAV
Ref.: WAIPAHIHIGHDAGS.CMT
Suspense Date: 11/28/03
L-3150

MEMORANDUM:

TO: Division of Aquatic Resources
XXX Division of Forestry & Wildlife
XXX Division of State Parks
XXX Engineering Division
Division of Boating and Ocean Recreation
XXX Commission on Water Resource Management
XXX Office of Conservation and Coastal Lands
XXX Oahu District Land Office
XXX Planning and Development Manager (Keith Chun)

FROM: Dierdre S. Hamiya, Administrator
Land Division

SUBJECT: Early Consultation for Preparation of an Environmental
Assessment for Waipahu High School Eight Classroom
Building, Oahu, Hawaii - TMK: (1) 9-4-008: 020
DAGS for State Department of Education
Consultant: Kimura International

Please review the attached letter (summary of project) dated
November 13, 2003 and maps pertaining to the subject matter and
submit your comments (if any) on Division letterhead signed and
dated by the suspense date.

Should you need more time to review the subject matter, please
contact Nick Vaccaro at ext.: 7-0384. If this office does not
receive your comments by the suspense date, we will assume there
are no comments.

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

Signed: *Dierdre S. Hamiya* Date: 11-19-03

Name: Robert M. Inag Division: Land

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

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

NOV 18 4 23 PM '03

LD/NAV L-3150
 Ref.: WAIPIAHIHIGHDAGS.CMT Suspend Date: 11/28/03

LD/NAV L-3150
 Ref.: WAIPIAHIHIGHDAGS.CMT Suspend Date: 11/28/03

MEMORANDUM:

TO: Division of Aquatic Resources
 XXX Division of Forestry & Wildlife
 XXX Division of State Parks
 XXX Engineering Division
 Division of Boating and Ocean Recreation
 XXX Commission on Water Resource Management
 XXX Office of Conservation and Coastal Lands
 XXX Oahu District Land Office
 XXX Planning and Development Manager (Keith Chun)

FROM: Dierdre S. Mamiya, Administrator
 Land Division

MEMORANDUM:

TO: Division of Aquatic Resources
 XXX Division of Forestry & Wildlife
 XXX Division of State Parks
 XXX Engineering Division
 Division of Boating and Ocean Recreation
 XXX Commission on Water Resource Management
 XXX Office of Conservation and Coastal Lands
 XXX Oahu District Land Office
 XXX Planning and Development Manager (Keith Chun)

FROM: Dierdre S. Mamiya, Administrator
 Land Division

SUBJECT: Early Consultation for Preparation of an Environmental Assessment for Waipahu High School Eight Classroom Building, Oahu, Hawaii - TMK: (1) 9-4-008: 020 DAGS for State Department of Education Consultant: Kimura International

SUBJECT: Early Consultation for Preparation of an Environmental Assessment for Waipahu High School Eight Classroom Building, Oahu, Hawaii - TMK: (1) 9-4-008: 020 DAGS for State Department of Education Consultant: Kimura International

Please review the attached letter (summary of project) dated November 13, 2003 and maps pertaining to the subject matter and submit your comments (if any) on Division letterhead signed and dated by the suspense date.

Please review the attached letter (summary of project) dated November 13, 2003 and maps pertaining to the subject matter and submit your comments (if any) on Division letterhead signed and dated by the suspense date.

Should you need more time to review the subject matter, please contact Nick Vaccaro at ext.: 7-0384. If this office does not receive your comments by the suspense date, we will assume there are no comments.

Should you need more time to review the subject matter, please contact Nick Vaccaro at ext.: 7-0384. If this office does not receive your comments by the suspense date, we will assume there are no comments.

We have no comments. () Comments attached.

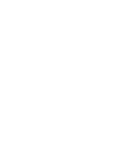
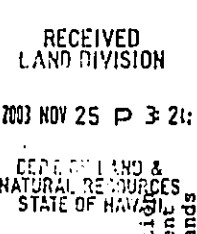
Signed: W. Roy Haddy Date: 11/19/03

Name: W. Roy Haddy Division: CWRM

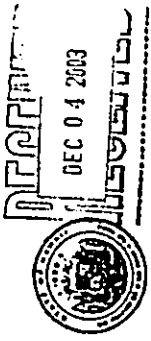
We have no comments. () Comments attached.

Signed: [Signature] Date: 11/24/03

Name: Daniel S. Ojima Division: State Parks



LINDA LINGLE
CO-PILOT



LILLIAN B. KOLLER, ESQ.
DIRECTOR
HENRY OLIVA
DEPUTY DIRECTOR

LINDA LINGLE
CO-PILOT



STATE OF HAWAII
DEPARTMENT OF HUMAN SERVICES
Benefit, Employment & Support Services Division
820 Mililani Street, Suite 606
Honolulu, Hawaii 96813

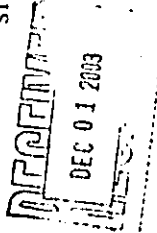
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
869 PUNCHBOWL STREET
HONOLULU, HAWAII 96813-5097

December 2, 2003

November 21, 2003

03 0987

STP 8-0938



RODNEY K. HARAGA
DIRECTOR
DANA/DAVID
FRUEY/MAIYA
JESCH/JOSEPH
BRYAN/SHARON
*PERFECT TO

Mr. Glenn T. Kimura, President
Kimura International, Inc.
1600 Kapiolani Blvd., Suite 1600
Honolulu, Hawaii 96814

Mr. Glenn T. Kimura
President
Kimura International, Inc.
1600 Kapiolani Boulevard, Suite 1610
Honolulu, Hawaii 96814

Dear Mr. Kimura:

Dear Mr. Kimura:

Subject: Waipahu High School, Eight Classroom Building
Waipahu, Oahu, Hawaii
TMK 1-9-4-08:20
Early Consultation

Subject: Waipahu High School Eight Classroom Building
Draft Environmental Assessment (DEA) - Early Consultation
TMK: 1-9-4-08:20

Thank you for your letter of November 13, 2003. The Director of Human Services (DHS) has forwarded your letter to me for a response.

Thank you for your transmittal requesting our comments on the subject project.

We have no preliminary comments on the construction, as we are responsible for the licensing of the Child Care Programs for ages 6 weeks to under 13 years of age on the Department of Education (DOE) sites only when DOE contracts the use of their facilities.

The subject project by itself will not impact our State transportation facilities in the area. We would like to note, however, that because of the growing student population and growth in the surrounding neighborhood, future monitoring of the intersection of Farrington Highway and Waipio Access Road may be needed.

According to your Project Description, the planned activities do not fall under the purview of the Child Care Law, Hawaii Revised Statutes §346-151 to §346-166.

We appreciate the opportunity to provide comments.

Should you have any questions regarding the Child Care Law, please contact Guy Hirata, Supervisor, at the Child Care Connection Hawaii Unit II of the Benefit, Employment & Support Services Division at 675-0470.

Very truly yours,

Sincerely,

Patricia Murakami
Administrator

RODNEY K. HARAGA
Director of Transportation

Cc: Lillian B. Koller, Esq., Director

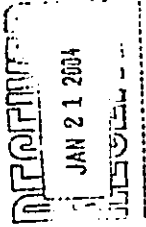
AN EQUAL OPPORTUNITY AGENCY

PHONE (808) 594-1888



STATE OF HAWAII
OFFICE OF HAWAIIAN AFFAIRS
711 KAPITOLANI BOULEVARD, SUITE 500
HONOLULU, HAWAII 96813

FAX (808) 594-1865



NRCD 03-1235

January 19, 2004

Mr. Glenn T. Kimura
President
Kimura International, Inc.
1600 Kapiolani Blvd., Suite 1610
Honolulu, Hawaii 96814

Dear Mr. Kimura:

Subject: Waipahu High School Eight Classroom Building
Waipahu, Oahu, Hawaii
TMK 1-9-4-008:020
Early Consultation

Thank you for the opportunity to review and comment on the above-referenced request. We apologize for our untimely response and confirm that the Office of Hawaiian Affairs has no comment at this time.

The Office of Hawaiian Affairs has no comment at the time. Should you have any questions, please feel free to contact Pomaloha Cox at 594-1970 or by email at pomaloha@oha.org.

O wau iho nō,

Clyde W. Nāmu'o
Administrator

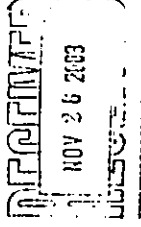
LF

BOARD OF WATER SUPPLY

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



November 25, 2003



Mr. Glenn T. Kimura, President
Kimura International, Inc.
1600 Kapiolani Boulevard, Suite 1610
Honolulu, Hawaii 96814

Dear Mr. Kimura:

Subject: Your Letter of November 13, 2003 on the Waipahu High School
Eight Classroom Building Early Consultation, TMK: 9-4-8-20

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

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

A water allocation is required from the State Department of Land and Natural Resources.

The availability of water will be confirmed when the building permit is submitted for our approval. When water is made available, the applicant will be required to pay the applicable Water System Facilities Charges.

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

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

Very truly yours,

CLIFFORD S. JAMILE
Manager and Chief Engineer

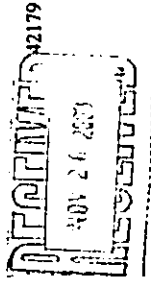


DEPARTMENT OF DESIGN AND CONSTRUCTION
CITY AND COUNTY OF HONOLULU

620 SOUTH KING STREET, 11TH FLOOR
HONOLULU, HAWAII 96813
Phone: (808) 523-4564 • Fax: (808) 523-4387
Website: www.cc.honolulu.gov



TIMOTHY E. STEINBERGER, P.E.
DIRECTOR



November 24, 2003

LEDEY HANAUSS
MAYOR

Mr. Glenn T. Kimura, President
Kimura International, Inc.
1600 Kapiolani Boulevard, Suite 1610
Honolulu, Hawaii 96814

Dear Mr. Kimura:

Subject: Waipahu High School Eight Classroom Building

Thank you for allowing us the opportunity to review the Waipahu High School Eight Classroom Building project.

We do not have any comments at this time. We look forward to reviewing the draft environmental assessment in the next few months.

Please call Mr. Michael Sakamoto at 527-6323 if you have any questions.

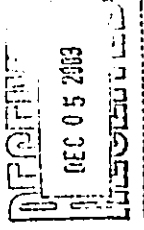
Very truly yours,

for TIMOTHY E. STEINBERGER, P.E.
Director

TES:ci

FIRE DEPARTMENT
CITY AND COUNTY OF HONOLULU

3115 POMAHELE STREET, SUITE 100, HONOLULU, HAWAII 96813
TELEPHONE: (808) 521-1271 • FAX: (808) 521-1712 • INTERNET: www.honolulu.gov



December 2, 2003

Mr. Glenn T. Kimura, President
Kimura International, Inc.
1600 Kapiolani Boulevard, Suite 1610
Honolulu, Hawaii 96814

Dear Mr. Kimura:

Subject: Waipahu High School's Eight-Classroom Building
Waipahu, Oahu, Hawaii

Tax Map Key: 9-4-008: 020
Early Consultation

We received your letter dated November 13, 2003, requesting our comments on the above-mentioned project.


The Honolulu Fire Department (HFD) requires that the following be complied with:

1. Provide a private water system where all appurtenances, hydrant spacing, and fire flow requirements meet Board of Water Supply standards.
2. Provide a fire department access road within 150 feet of the first floor of the most remote structure. Such access shall have a minimum vertical clearance of 13 feet 6 inches, be constructed of an all-weather driving surface complying with Department of Transportation Services (DTS) standards, capable of supporting the minimum 60,000-pound weight of our fire apparatus, and with a gradient not to exceed 20%. The unobstructed width of the fire apparatus access road shall meet the requirements of the appropriate county jurisdiction. All dead-end fire apparatus access roads in excess of 150 feet in length shall be provided with an approved turnaround having a radius complying with DTS standards.

Mr. Glenn T. Kimura, President
Page 2
December 2, 2003

- 3. Submit construction plans to the HFD and Department of Planning and Permitting.
- Should you have any questions, please call Battalion Chief Lloyd Rogers of our Fire Prevention Bureau at 631-7778.

Sincerely,


ATTILIO K. LEONARD
 Fire Chief

AKL/SK:hh

DEPARTMENT OF PARKS AND RECREATION
CITY AND COUNTY OF HONOLULU

1000 IALOMA STREET, SUITE 300 • HONOLULU, HAWAII 96813
 PHONE: (808) 922-5551 • FAX: (808) 922-5131 • INTERNET: WWW.CC.HONOLULU.HI.GOV

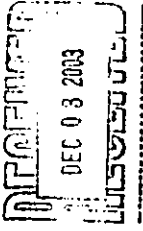


DEPARTMENT OF
PARKS
AND
RECREATION

WILLIAM D. BALFOUR, JR.
DIRECTOR

EDWARD T. SHARPE, III
DEPUTY DIRECTOR

December 1, 2003



Mr. Glenn T. Kimura, President
 Kimura International, Inc.
 1600 Kapiolani Boulevard, Suite 1610
 Honolulu, Hawaii 96814

Dear Mr. Kimura:

Subject: Waipahu High School Eight Classroom Building
 TMK 1-9-4-08-20
 Early Consultation

Thank you for the opportunity to review and comment on the Environmental Assessment Early Consultation relating to the proposed construction of a new eight classroom building on the campus of Waipahu High School.

The Department of Parks and Recreation has no comment on this project; and as it will not affect any facilities or programs of this department, you are invited to remove us as a consulted party to the EIS process.

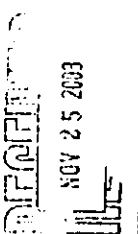
Should you have any questions, please contact Mr. John Reid, Planner, at 692-5454.

Sincerely,


WILLIAM D. BALFOUR, JR.
 Director

WDB:cu
 (4/16/03)





November 21, 2003

Mr. Glenn T. Kimura, President
Kimura International
1600 Kapiolani Boulevard - Suite 1610
Honolulu, HI 96814

Dear Mr. Kimura:

Re: Waipahu High School Eight-Classroom Building
Waipahu, Oahu, Hawaii (TMK: 1-9-4-08:20)

Thank you for the opportunity to comment on the November 13, 2003 notice of preparation of EA of the subject project, as proposed by Department of Accounting and General Services, State of Hawaii. We have reviewed the document and have no comments at this time.

HECO reserves the opportunity to further comment on the protection of existing powerlines and electric power facilities that may be affected by the project until construction plans are finalized.

Please note that Sherri-Ann Loo is the current Manager of HECO's Environmental Department, and we ask that future requests for EA review be forwarded to her attention.

Again thank you for the opportunity to comment on this project

Sincerely,

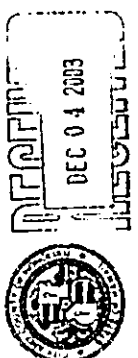
Kirk S. Tomita
Senior Environmental Scientist

cc: Ms. Genevieve Salmonson (QECC)
Ms. Avis Kamimura (DCS/C&C)



WINNER OF THE EDISON AWARD
FOR TECHNICAL ACHIEVEMENT

POLICE DEPARTMENT
CITY AND COUNTY OF HONOLULU
501 SOUTH BERETANIA STREET
HONOLULU, HAWAII 96813 - AREA CODE (808) 926-3111
<http://www.honolulu.gov>
www.cc.honolulu.hi.us



JEREMY HARRIS
MAYOR

LEE D. DONOHUE
CHIEF
KARL GODSEY
PAUL D. TUTTELU
DEPUTY CHIEFS

OUR REFERENCE CS-KP

December 2, 2003

Mr. Glenn T. Kimura, President
Kimura International, Inc.
1600 Kapiolani Boulevard, Suite 1610
Honolulu, Hawaii 96814

Dear Mr. Kimura:

Thank you for the opportunity to comment on the impact of Waipahu High School's proposed Eight-Classroom Building project.

This area is serviced by police officers assigned to the Pearl City station. We will anticipate the usual calls for police service during the construction phase because of related dust, noise, and traffic complaints. However, after the project is completed, there should be no significant impact on police services.

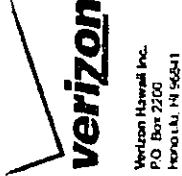
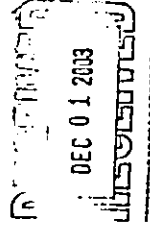
If there are any questions, please call Captain Stephen Kim of District 3 at 455-9055 or Ms. Carol Sodevani of the Support Services Bureau at 529-3658.

Sincerely,

LEE D. DONOHUE
Chief of Police

By KARL GODSEY
Assistant Chief of Police
Support Services Bureau

Serving and Protecting with Aloha



November 26, 2003

Kimura International
1600 Kapiolani Blvd., Suite 1610
Honolulu, Hawaii 96814

Attention: Glenn T. Kimura
Subject: Waipahu High School - Construction of Eight Classroom Building.
Early Consultation

Dear Sir:

Thank you for the opportunity to review and comment on the proposed plan for a new two-story, eight classroom building located adjacent to Building "O" and Building "U", and two new portable classroom buildings located between Building "D" and Building "O" at Waipahu High School. The Verizon Telephone cable enters the campus off of Waipio Access Road and routes underground adjacent to Building "D", about where portable Buildings P-25 and P-26 are shown. There should be an existing telephone pullbox next to Building "D".

We would request that the site electrical plans be sent to our office for review and comment, once they are available. We do not have any other comments at this time. Should you have any questions, please call Garret Hayashi at 840-1438.

Sincerely,

Jill Z. Lee
Jill Z. Lee
Section Manager - OSP Engineering

cc: K. Ayano
File (Waipahu)



STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
LAND DIVISION

POST OFFICE BOX 521
HONOLULU, HAWAII 96809

November 19, 2003

LD/NAV

Ref.: WAIPAHIHIGHDAGS.CHT

L-3150
Suspend Date: 11/28/03

MEMORANDUM:

TO: Division of Aquatic Resources
XXX Division of Forestry & Wildlife
XXX Division of State Parks
XXX Engineering Division
XXX Commission on Boating and Ocean Recreation
XXX Commission on Water Resource Management
XXX Office of Conservation and Coastal Lands
XXX Oahu District Land Office
XXX Planning and Development Manager (Keith Chun)

FROM: Dierdre S. Mamuya, Administrator
Land Division

SUBJECT: Early Consultation for Preparation of an Environmental Assessment for Waipahu High School Eight Classroom Building, Oahu, Hawaii - TMK: (1) 9-4-008: 020
DAGS for State Department of Education
Consultant: Kimura International

Please review the attached letter (summary of project) dated November 13, 2003 and maps pertaining to the subject matter and submit your comments (if any) on Division letterhead signed and dated by the suspense date.

Should you need more time to review the subject matter, please contact Nick Vaccaro at ext.: 7-0384. If this office does not receive your comments by the suspense date, we will assume there are no comments.

We have no comments.
 Comments attached.
Signed: *[Signature]* Date: NOV 21 2003

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

PETER T. YO
Commissioner
BOARD OF LAND AND NATURAL RESOURCES
COMMISSION ON WATER RESOURCE MANAGEMENT
1001 KALANOAUE AVENUE
SUITE 200
HONOLULU, HAWAII 96813
PHONE: 808-536-2000
FAX: 808-536-2001
WWW.DLN.RIS.HAWAII.GOV

RECEIVED
LAND DIVISION
2003 NOV 25 10 42 AM '03
NATURAL RESOURCES
STATE DEPARTMENT OF
HAWAII

The Small
The Twenty-Second Legislature
of the
State of Hawaii
STATE OFFICE
HONOLULU, HAWAII 96813



RECEIVED
NOV 19 2003

November 17, 2003

Mr. Glenn Kimura, President
Kimura International, Inc.
1600 Kapiolani Blvd., #1610
Honolulu, HI 96814

Subj: Waipahu High School Eight Classroom Building

Dear Mr. Kimura,

Thank you for the opportunity to comment on this important project. Waipahu High School is in great need of this building. The school has over 30 portable classrooms and the student population continues to grow. I would like to suggest that the building be equipped with air conditioning, to reduce the negative effects of heat and noise, and make the classrooms more conducive to learning.

If you have any additional questions, please feel free to contact me at my office, 586-6970.

Sincerely,

CAL KAWAMOTO
State Senator
District 18 (Waipahu/Pearl City)



HOUSE OF REPRESENTATIVES
STATE OF HAWAII
STATE CAPITOL
HONOLULU, HAWAII 96813

November 21, 2003

Mr. Glenn T. Kimura
President
Kimura International, Inc.
1600 Kapiolani Boulevard, Suite 1610
Honolulu, Hawaii 96814

Dear Mr. Kimura:

Thank you for providing me with your plans for the construction of the eight classroom building at Waipahu High School. As a courtesy, I have taken the liberty of forwarding a copy of your plans to Waipahu High School Principal Patricia Pederson. For your information, I am serving as Vice Chair on the Committee on Tourism and Culture, assisting the Chair, State Representative Jerry Chang of Hilo. In addition, I am serving as a member on the committees on Agriculture, Economic Development & Business Concerns, and Finance.

If there is any way I can be of assistance to you, please feel free to call me or my Office Manager, Baron Gushiken at 586-8490.

With Warmest Aloha,

Jon Riki Karamitsu
State Representative, District 41

cc: Ms. Patricia Pederson, Principal
Waipahu High School

Representative Jon Riki Karamitsu - Vice Chair, Tourism & Culture
District 41: Waialeale, Royal Kunia, Village Park, Waipahu
State Capitol, Room 427 - Honolulu, Hawaii 96813
Phone: 586-8490 - Fax: 586-8494
E-Mail: jonr.karamitsu@capitol.hawaii.gov

03112103

**Comments Received During Review of the
Draft Environmental Assessment**



DEPARTMENT OF THE ARMY
U.S. ARMY ENGINEER DISTRICT, HONOLULU
FORT SHAFTER, HAWAII 96838-5440

ATTENTION: ENGINEER

February 27, 2004

LOCAL SINGLE
CORRESPONDENCE



STATE OF HAWAII
DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES
P.O. BOX 118, HONOLULU, HAWAII 96810

RUSSELL SAITO
COMPTROLLER
KATHERINE K. THOMASSON
DEPUTY COMPTROLLER

DPW012.4

Mr. Ralph Morita
State of Hawaii
Department of Accounting and General Services
Planning Branch
PO Box 118
Honolulu, Hawaii 96810

Dear Mr. Morita:

Thank you for the opportunity to review and comment on Draft Environmental Assessment (DEA) for the Waipahu High School Project, Oahu, Hawaii (TKM B-4-B-20). The following comments are provided in accordance with Corps of Engineers authorities to provide flood hazard information and to issue Department of the Army (DA) permits.

- a. The flood hazard information provided on page 3-4 of the DEA is correct.
- b. Based on the information provided, a DA permit is not required at this time.

Sincerely,

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

APR 12 2004

Mr. James Pennaz, P.E.
Chief, Civil Works Technical Branch
Department of the Army
U.S. Army Engineer District, Honolulu
Fort Shafter, Hawaii 96858-5440

Dear Mr. Pennaz:

Subject: Waipahu High School Eight-Classroom Building
Draft Environmental Assessment (EA)

Thank you for your review of the draft EA for Waipahu High School Eight-Classroom Building. We have received your letter dated February 27, 2004, and acknowledge your comments that the flood hazard information in the EA is correct, and that a Department of the Army permit is not required at this time.

If you have questions, please call Mr. Ralph Morita of the Planning Branch at 586-0486.

Sincerely,
Harold Sonomura
HAROLD SONOMURA
Acting Public Works Administrator

GN:mo

c: Mr. Jun Suetsu, Mitsunaga & Associates
Mr. Glenn Kimura, Kimura International, Inc.

POWERS PER NO.:	7871	DATE:	2/27/04
BY:	Leslie Kimura	FOR:	James Pennaz
BY:	Glenn Kimura Int'l	FOR:	DAAS Planning B
DATE:	2/27/04	TIME:	1:28:11

LINDA LINGOLE
GOVERNOR



STATE OF HAWAII
DEPARTMENT OF EDUCATION
P.O. BOX 2209
HONOLULU, HAWAII 96810

RECEIVED
MAR 10 2004

OFFICE OF THE ATTORNEY GENERAL

LINDA LINGOLE
GOVERNOR



STATE OF HAWAII
DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES
P.O. BOX 119, HONOLULU, HAWAII 96810

RUSSELL K. SAITO
COMPTROLLER
KATHERINE H. THOMAS
DEPUTY COMPTROLLER

822004.4

OFFICE OF BUSINESS SERVICES

March 9, 2004

APR 12 2004

Mr. Glenn T. Kimura
Kimura International
1600 Kapiolani Boulevard, Suite 1610
Honolulu, Hawaii 96814

Dear Mr. Kimura:

Subject: Draft Environmental Assessment (DEA)
Waipahu High School Eight-Classroom Building
Waipahu, TNC: 2-4-08-20

The Department of Education has reviewed your project description for the eight-classroom building at Waipahu High School. We have no comment at this time.

If you have any questions, please call me at 586-3444 or Heidi Meeker of the Facilities and Support Services Branch at 733-4862.

Sincerely yours,

Rae M. Loui

Rae M. Loui
Assistant Superintendent

RML:mp

c: FSSB

MEMORANDUM

TO: Ms. Rae M. Loui, Assistant Superintendent
Department of Education

FROM: Harold Sonomura
Acting Public Works Administrator

SUBJECT: Waipahu High School Eight-Classroom Building
Draft Environmental Assessment (EA)

Thank you for your review of the draft EA for Waipahu High School Eight-Classroom Building. We have received your letter dated March 9, 2004, stating that you have no comment at this time.

If you have any questions, please have your staff call Mr. Ralph Morita of the Planning Branch at 586-0486.

GN:mo

c: Mr. Jun Soeia, Mitunaga & Associates
Mr. Glenn Kimura, Kimura International, Inc.

LAND USE
DIVISION OF LAND AND NATURAL RESOURCES

RECEIVED
04 FEB 20 08:39

STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
LAND DIVISION
POST OFFICE BOX 521
HONOLULU, HAWAII 96809

February 19, 2004

LD/NAV
WALPAHUICHAGSDEA.RCHZ

Mr. Glenn T. Kimura, President
Kimura International
1600 Kapiolani Blvd., Suite 1610
Honolulu, Hawaii 96816

Dear Mr. Kimura:

SUBJECT: Draft Environmental Assessment (DEA)
Applicant: DMS for State Department of Education
Project: Waipahu High School New Eight-Classroom
Building
Location: Waipahu, Ewa District, Island of Oahu, Hawaii
TRN: (I) 9-4-008: 020

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

A copy of DEA pertaining to the subject matter was made available to the following Department of Land and Natural Resources Divisions for their review and comment.

- Engineering Division
- Commission on Water Resource Management
- Land-Oahu District Land Office

Enclosed please find a copy of the Commission on Water Resource Management and Engineering Division comments and a copy of the Oahu District Land Office response.

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

Very truly yours,

Nicholas A. Vaccaro
DIERDAE S. MAMIYA
Administrator

C: 0810

LAND USE
DIVISION OF LAND AND NATURAL RESOURCES

RECEIVED
04 FEB 20 08:39

STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
LAND DIVISION
POST OFFICE BOX 521
HONOLULU, HAWAII 96809

February 19, 2004

LD/NAV
WALPAHUICHAGSDEA.CRT

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

TO: Dierdre S. Mamiya, Administrator
Land Division

SUBJECT: Draft Environmental Assessment for Waipahu High School
New Eight Classroom Building, Oahu, Hawaii
DMS for State Department of Education
Consultant: Kimura International (Glenn T. Kimura)

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

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

Should you need more time to review the subject matter, please contact Nick Vaccaro at ext.: 7-0384. If this office does not receive your comments by the suspense date, we will assume there are no comments.

() We have no comments. Comments attached.

Signed: *Nicholas A. Vaccaro* Date: 3-2-04

Name: Nicholas A. Vaccaro Division: Land

RECEIVED
LAND DIVISION
20A MAR 11 P 3:51
STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
LAND DIVISION
POST OFFICE BOX 621
HONOLULU, HAWAII 96809



PETER L. YOUNG
COMMISSIONER OF LAND AND NATURAL RESOURCES
STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
LAND DIVISION
POST OFFICE BOX 621
HONOLULU, HAWAII 96809

STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
COMMISSION ON WATER RESOURCE MANAGEMENT
POST BOX 621
HONOLULU, HAWAII 96809



RECEIVED
LAND DIVISION
20A MAR 11 P 4:21
STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
COMMISSION ON WATER RESOURCE MANAGEMENT
POST BOX 621
HONOLULU, HAWAII 96809

February 19, 2004
L-970
Suspense Date: 3/16/03

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

FROM: Dierdre S. Hamiya, Administrator
Land Division

SUBJECT: Draft Environmental Assessment for Waipahu High School
New Eight Classroom Building, Oahu, Hawaii
DAGS for State Department of Education
Consultant: Kimura International (Glenn T. Kimura)

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

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

Should you need more time to review the subject matter, please contact Nick Vaccaro at ext.: 7-0384. If this office does not receive your comments by the suspense date, we will assume there are no comments.

() We have no comments. Comments attached.
Signed: _____ Date: _____
Name: ERIC J. HIRANO, CHIEF ENGINEER Division: Engineering

PETER L. YOUNG
COMMISSIONER OF LAND AND NATURAL RESOURCES
STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
LAND DIVISION
POST OFFICE BOX 621
HONOLULU, HAWAII 96809



RECEIVED
LAND DIVISION
20A MAR 11 P 4:21
STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
COMMISSION ON WATER RESOURCE MANAGEMENT
POST BOX 621
HONOLULU, HAWAII 96809

March 8, 2004
Ref: Waipahu High dr

TO: Ms. Dede Mamiya, Administrator
Land Division

FROM: Ernest Y.W. Lau, Deputy Director
Commission on Water Resource Management (CWRM)

SUBJECT: Draft Environmental Assessment for Waipahu High School, New Eight Classroom Building, Oahu, Hawaii

FILE NO.: WAIPAHUHIGHDAGSDEACMT

Thank you for the opportunity to review the subject document. Our comments related to water resources are marked below.

In general, the CWRM strongly promotes the efficient use of our water resources through conservation, reuse, and use of alternative non-potable water resources whenever available, feasible, and there are no harmful effects on the environment. Also, the CWRM encourages the protection of water recharge areas, which are important for the maintenance of streams and the replenishment of aquifers.

(X) We recommend coordination with the county government to incorporate the project into the county's Water Use and Development Plan.

(X) We recommend coordination with the Land Division of the State Department of Land and Natural Resources to incorporate the project into the State Water Projects Plan.

() We are concerned about the potential for ground or surface water degradation/contamination and recommend that approvals for this project be conditioned upon a review by the State Department of Health and the developer's acceptance of any resulting requirements related to water quality.

() A Well Construction Permit and/or a Pump Installation Permit from the Commission would be required before ground water is developed as a source of supply for the project.

() The proposed water supply source for the project is located in a designated water management area, and a Water Use Permit from the Commission would be required prior to use of this source.

() Groundwater withdrawals from this project may affect streamflows, which may require an instream flow standard amendment.

() We are concerned about the potential for degradation of instream uses from development on highly erodible slopes adjacent to streams within or near the project. We recommend that approvals for this project be conditioned upon a review by the corresponding county's Building Department and the developer's acceptance of any resulting requirements related to erosion control.

() If the proposed project includes construction of a stream diversion, the project may require a stream diversion work permit and amend the instream flow standard for the selected stream(s).

() If the proposed project alters the bed and banks of a stream channel, the project may require a stream channel alteration permit.

() OTHER

If there are any questions, please contact Lenora Y. Nakama at 587-0218.

DEPARTMENT OF LAND AND NATURAL RESOURCES
ENGINEERING DIVISION

LANSAY

Re: **WAIPAHU HIGH DRYS - DR - CRT**

COMMENTS

- We confirm that the project site, according to the Flood Insurance Rate Map (FIRM), is located in Flood Zone _____.
 - Please take note that the project site, according to the Flood Insurance Rate Map (FIRM), is located in Zone _____.
 - Please note that the correct Flood Zone Designation for the project site according to the Flood Insurance Rate Map (FIRM) is _____.
 - Please note that the project must comply with the rules and regulations of the National Flood Insurance Program (NFIP) presented in Title 44 of the Code of Federal Regulations (44CFR), wherever development within a Special Flood Hazard Area is undertaken. If there are any questions, please contact the State NFIP Coordinator, Ms. Carol Tyson-Beam, of the Department of Land and Natural Resources, Engineering Division at (808) 587-0267.
- Please be advised that 44CFR indicates the minimum standards set forth by the NFIP. Your Community's local flood ordinances may prove to be more restrictive and thus take precedence over the minimum NFIP standards. If there are questions regarding the local flood ordinances, please contact the applicable County NFIP Coordinator below:
- Mr. Robert Swaminathan at (808) 513-4254 or Mr. Mario San Li at (808) 513-4247 of the City and County of Honolulu, Department of Planning and Permitting.
 - Mr. Kelly Gomez at (808) 961-4317 (Hilo) or Mr. Kiran Emler at (808) 327-3330 (Kona) of the County of Hawaii, Department of Public Works.
 - Mr. Francis Conzo at (808) 270-7771 of the County of Maui, Department of Planning.
 - Mr. Mario Azevedo at (808) 241-6630 of the County of Kauai, Department of Public Works.


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

Additional Comments:

Other: Any comments date 1/28/04 (separate) to the City Evaluation of the EA must be attached to the Final EA.

Should you have any questions, please call Mr. Andrew Menden of the Planning Branch at 587-0129.

Signed: Eric T. Hirano
Eric T. HIRANO, CHIEF ENGINEER
Date: 3/1/04



RECEIVED
LAND DIVISION
700 FEB 27 A & S
STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
LAND DIVISION
POST OFFICE BOX 071
HONOLULU, HAWAII 96809

PETER T. YOUNG
BOARD OF LAND AND NATURAL RESOURCES
COMMISSIONER OF LAND AND NATURAL RESOURCES

DALE DAVENPORT
DEPUTY COMMISSIONER - LAND

EMMETT Y. LAU
DEPUTY COMMISSIONER - WATER

ADAMIC RESOURCES
1000 KALANANOLU AVENUE
SUITE 1000
HONOLULU, HAWAII 96813
PHONE: 808-551-1100
FAX: 808-551-1101
WWW.ADMICRESOURCES.COM

LD/NAV
WAIPAHUHIGHDRYSDEA.CMT
February 19, 2004
L-870
Suspense Date: 3/16/03

MEMORANDUM:

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

FROM: Dierdre S. Mamiya, Administrator
Land Division

SUBJECT: Draft Environmental Assessment for Waipahu High School
New Eight Classroom Building, Oahu, Hawaii
DAGS for State Department of Education
Consultant: Kimura International (Glenn T. Kimura)

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

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

Should you need more time to review the subject matter, please contact Nick Vaccaro at ext.: 7-0384. If this office does not receive your comments by the suspense date, we will assume there are no comments.

We have no comments. Comments attached.

Signed: [Signature] Date: 2-26-04

Name: Robert M. Long Division: Land



STATE OF HAWAII
DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES
P.O. BOX 119, HONOLULU, HAWAII 96819

KESE K. SAITO
COMPTROLLER
KATHLEEN H. THOMPSON
DEPUTY COMPTROLLER

071099.4

Ms. Dierdre Mamiya
(P)1099.4
Page 2

Oahu District Land Office

APR 12 2004

MEMORANDUM

TO: Ms. Dierdre S. Mamiya, Administrator
Land Division
Department of Land and Natural Resources

FROM: Harold Sonomura
Acting Public Safety Administrator

Subject: Waipahu High School Eight-Classroom Building
Draft Environmental Assessment (EA)

Thank you for your review of the draft EA for Waipahu High School Eight-Classroom Building. We have received your letter dated March 16, 2004, with comments from the Department of Land and Natural Resources (DLNR) Engineering Division, Commission on Water Resource Management, and Land-Oahu District Land Office.

We have the following responses to your comments:

Engineering Division

- Water demands and calculations will be provided to the DLNR Engineering Division so it can be included in the State Water Projects Plan Update.
- Your previous comments dated November 25, 2003, to the EA Early Consultation were not received during the pre-consultation period. However, we will include a copy in the Final EA.

Commission on Water Resource Management

- Both the County Board of Water Supply and the DLNR Land Division has been notified of this project.

- We acknowledge you have no comments.

If you have questions, please have your staff call Mr. Ralph Morita of the Planning Branch at 586-0486.

GN:mo
c: Mr. Jun Sueki, Minunaga & Associates
Mr. Glenn Kimura, Kimura International, Inc.

LINDA LEMULE
COMPTROLLER

STATE OF HAWAII

MAR 01 2004



STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
HISTORIC PRESERVATION DIVISION
MAKULOHENA BUILDING, ROOM 565
601 MAHOLEA BOULEVARD
KAPOLEI, HAWAII 96707

PETER F. HOLMES
COMPTROLLER
STATE OF HAWAII
KANEHEHE H. THOMSON
GOVERNOR

LINDA LEMULE
COMPTROLLER



STATE OF HAWAII
DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES
P.O. BOX 119, HONOLULU, HAWAII 96810

RUSS K. SAITO
COMPTROLLER
KANEHEHE H. THOMSON
GOVERNOR

0720144

APR 13 2004

February 26, 2004

Glenn T. Kimura, President
Kimura International, Inc.
1600 Kapiolani Blvd., Suite 1610
Honolulu, Hawaii 96814

LOG NO: 2004.0558
DOC NO: 0402EJ33

Dear Mr. Kimura:

SUBJECT: Chapter 6E-8 (HRS) Historic Preservation Review - Draft Environmental Assessment Waipahu High School Eight Classroom Building
Waipahu, Ewa, O'ahu
TMK: (1) 9-4-008-020

Thank you for the opportunity to review the Draft Environmental Assessment (DEA) for the Waipahu High School Eight Classroom Building dated February 18, 2004. We received the DEA for comment on February 19, 2004.

The DEA incorporates our earlier comments, that we believe that no historic properties will be affected by this action, in Section 3.3.3 Archaeological, Historic, and Cultural Resources. Our comments are also included in full in Chapter 9 (SHPD Log 2003.2415, McEldowney to Kimura, December 3, 2003).

Thank you for the opportunity to comment. Should you have any questions regarding architectural concerns please contact Susan Tassak at 692-8032. Should you have any questions regarding archaeological concerns please contact Elaine Jourdain at 692-8027.

Aloha,

Handwritten signature: P. Holly McEldowney

P. Holly McEldowney, Administrator
State Historic Preservation Division

EJ:jen

MEMORANDUM

TO: Ms. P. Holly McEldowney, Administrator
Historic Preservation Division
Department of Land and Natural Resources

FROM: Harold Sononuy,
Acting Public Works Administrator

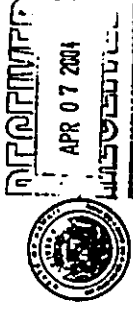
SUBJECT: Waipahu High School Eight-Classroom Building
Draft Environmental Assessment

LOG NO: 2004.0558
DOC NO: 0402EJ33

Thank you for your review of the draft EA for Waipahu High School Eight-Classroom Building. We have received your letter dated February 26, 2004, with the comment that you believe no historic properties will be affected by this action.

If you have any questions, please have your staff call Mr. Ralph Morita of the Planning Branch at 586-0486.

GN:mo
c: Mr. Jun Sueia, Mitsunaga & Associates
Mr. Glenn Kimura, Kimura International, Inc.



OFFICE OF THE
COMMISSIONER OF HEALTH

STATE OF HAWAII
DEPARTMENT OF HEALTH
P.O. Box 3178
HONOLULU, HAWAII 96813-3178

By email, please refer to
EPO-04-033

March 31, 2004

Mr. Glenn T. Kimura, President
Kimura International, Inc.
1600 Kapiolani Blvd., Suite 1610
Honolulu, Hawaii 96814

Dear Mr. Kimura:

SUBJECT: Waipahu High School Eight Classroom Building
Waipahu, Ewa District, Oahu, Hawaii
TMK: (1) 9-4-008: 020

Thank you for allowing us to review and comment on the subject document. We have the enclosed comments to offer. If you have any questions about these comments, please contact Ryan Davavenport at 586-4346.

Wastewater Branch

We have reviewed the subject document which proposes the design and construction of a new two-story, eight classroom building.

We have no objections to the proposed eight-classroom building as wastewater treatment and disposal will be via the Honolulu Wastewater Treatment Plant.

All wastewater plans must conform to applicable provisions of the Department of Health's Administrative Rules, Chapter 11-62, "Wastewater Systems." We do reserve the right to review the detailed wastewater plans for conformance to applicable rules. Should you have any questions, please contact the Planning & Design Section of the Wastewater Branch at telephone (808)586-4294.

Solid and Hazardous Waste Branch

1) The OSWM recommends the development of a solid waste management plan that encompasses all project phases including demolition, construction, and occupation/operation of the completed project.

Mr. Glenn T. Kimura, President
March 31, 2004
Page 2

Specific examples of elements that the plan should address include:

- The recycling of green-waste during clear and grub activities;
- Recycling construction and demolition wastes, if appropriate;
- The use of locally produced compost in landscaping;
- The use of recycled content building materials;
- The provision of recycling facilities in the design of the project.

2) The developer shall ensure that all solid waste generated during project construction is directed to a Department of Health permitted solid waste disposal or recycling facility. If you have any questions, please contact the Solid and Hazardous Waste Branch at (808) 586-4240.

Sincerely,

June F. Harrigan - lum

JUNE F. HARRIGAN-LUM, MANAGER
Environmental Planning Office

c: SHWB
WWB

LINDA LINDALE
GOVERNOR



STATE OF HAWAII
DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES
P.O. BOX 190
HONOLULU, HAWAII 96810

RUSS K. SAITO
COMPTROLLER
MATTHEW H. THOMASSON
GOVERNOR

CP011.4

LINDA LINDALE
GOVERNOR OF HAWAII



STATE OF HAWAII
OFFICE OF ENVIRONMENTAL QUALITY CONTROL
SUITE 200
375 SOUTH WERTZMAN STREET
HONOLULU, HAWAII 96813
TELEPHONE: (808) 586-4185
FACSIMILE: (808) 586-4186
E-MAIL: OEQ@STATE.HI.GOV

MAILED
MAR 24 2004
HAWAII

GENEVIEVE SALMONSON
DIRECTOR

MEMORANDUM

TO: Ms. June F. Harrigan-Lum, Manager
Environmental Planning Office
Department of Health

FROM: Harold Sonomura
Acting Public Works Administrator

SUBJECT: Waipahu High School Eight-Classroom Building
Draft Environmental Assessment

March 23, 2004

Mr. Russ K. Saito, Comptroller
Department of Accounting and General Services
P.O. Box 119
Honolulu, Hawaii 96810

Dear Mr. Saito:

Thank you for your review of the draft EA for Waipahu High School Eight-Classroom Building. We have received your letter dated March 31, 2004, and have the following responses to your comments:

Wastewater Branch

All wastewater plans will confirm to applicable provisions of the Department of Health's (DOH) Administrative Rules, Chapter 11-62, Wastewater Systems.

Solid and Hazardous Waste Branch

1. We acknowledge and will consider your comment regarding a solid waste management plan.
2. The construction contractor will be required to dispose of all solid waste generated during project construction to a DOH-permitted solid waste disposal or recycling facility.

If you have any questions, please have your staff call Mr. Ralph Morita of the Planning Branch at 586-0486.

GN:mo

c: Mr. Jun Suefa, Mitsunaga & Associates
Mr. Glenn Kimura, Kimura International, Inc.

Subject: Draft EA for the Waipahu High School 8-Classroom Building

Thank you for the opportunity to review the subject document. We have the following comments.

1. Please consider applying sustainable building techniques as presented in the "Guidelines for Sustainable Building Design in Hawaii," which is available at OEQC's website
2. This project should comply with sections 103D-407 and 408 of Hawaii Revised Statutes concerning the use of indigenous plants and recycled glass.
3. Please consult with the adjacent neighbors who are located directly across from the project.

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

Sincerely,

Genevieve Salmonson
Genevieve Salmonson
Director

c: Kimura International.

LINDA LINDLE
GOVERNOR



STATE OF HAWAII
DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES
P.O. BOX 118, HONOLULU, HAWAII 96810

APR 12 2004

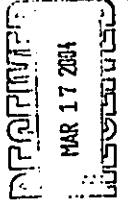
LINDA LINDLE
GOVERNOR

RUTH K. SAITO
COMPTROLLER
KATHLEEN A. THOMPSON
DEPUTY COMPTROLLER

(7202) 4



STATE OF HAWAII
DEPARTMENT OF HUMAN SERVICES
Benefit, Employment & Support Services Division
820 Keolu Street, Suite 606
Honolulu, Hawaii 96813



LILLIAN B. KOLLER, ESQ.
DIRECTOR
NORBERT OLIVA
DEPUTY DIRECTOR

Refer: 04-0153

March 11, 2004

MEMORANDUM

TO: Ms. Genevieve Salmonson, Director
Office of Environmental Quality Control

FROM: Harold Sonomura
Acting Public Works Administrator

SUBJECT: Waipahu High School Eight-Classroom Building
Draft Environmental Assessment (EA)

Mr. Glenn T. Kimura, President
Kimura International, Inc.
1600 Kapiolani Blvd., Suite 1600
Honolulu, Hawaii 96814

Dear Mr. Kimura:

Subject: Waipahu High School, Eight Classroom Building
Waipahu, Ewa District
TMK 1-9-4-08:20

Thank you for your review of the draft EA for Waipahu High School Eight-Classroom Building. We have received your letter dated March 23, 2004, and have the following responses to your comments:

1. Sustainable building techniques will be incorporated in the design as deemed appropriate for the project.
2. The project will comply with sections 103D-407 and 408 of Hawaii Revised Statutes concerning the use of indigenous plants and recycled glass.
3. The project construction documents will provide measures for mitigating construction period noise and dust impact. Residents in proximity of the project will be notified.

If you have questions, please have your staff call Mr. Ralph Morita of the Planning Branch at 586-0486.

GN:mo

c: Mr. Jun Suefa, Misunaga & Associates
Mr. Glenn Kimura, Kimura International, Inc.

As stated in our previous letter of December 2, 2003, we have no comments on the Waipahu High School Project, as it is not encompassed in our scope of responsibilities.

Should you have any questions regarding the Child Care Law, please contact Guy Hirala, Supervisor, at the Child Care Connection Hawaii Unit II of the Benefit, Employment & Support Services Division at 675-0470.

Sincerely,

Patricia Murakami
Division Administrator

Cc: Lillian B. Koller, Esq., Director

AN EQUAL OPPORTUNITY AGENCY

LINDA LINGELE
GOVERNOR



STATE OF HAWAII
DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES
P.O. BOX 118, HONOLULU, HAWAII 96810

RUSS K. SAITO
COMPTROLLER
KATHERINE N. THOMASON
DEPUTY COMPTROLLER

072001.4

LINDA LINGELE
GOVERNOR



STATE OF HAWAII
DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES
P.O. BOX 118, HONOLULU, HAWAII 96810

RUSS K. SAITO
COMPTROLLER
KATHERINE N. THOMASON
DEPUTY COMPTROLLER

072001.4

APR 12 2004

MEMORANDUM

TO: Ms. Patricia Murakami, Division Administrator
Benefit, Employment & Support Services Division
Department of Human Services

FROM: Harold Sonomura
Acting Public-Works Administrator

Subject: Waipahu High School Eight-Classroom Building
Draft Environmental Assessment (EA)

Thank you for your review of the draft EA for Waipahu High School Eight-Classroom Building. We have received your letter dated March 11, 2004, stating that you have no comments, as the proposed project is not within your scope of responsibilities.

If you have any questions, please have your staff call Mr. Ralph Morita of the Planning Branch at 586-0486.

GN:mo
c: Mr. Jun Sueia, Mitunaga & Associates
Mr. Glenn Kimura, Kimura International, Inc.

APR 13 2004

MEMORANDUM

TO: The Honorable Rodney K. Haraga, Director
Department of Transportation

FROM: Russ K. Saito
State Comptroller *Russ K. Saito*

Subject: Waipahu High School Eight-Classroom Building
Draft Environmental Assessment (EA)

Thank you for your review of the draft EA for the Waipahu High School Eight-Classroom Building and your March 5, 2004, memo referencing comments in your earlier letter (STP 8.0938 dated November 21, 2003) stating that the project by itself will not impact State transportation facilities in the area.

If you have any questions, please call me at 586-0400 or Mr. Ralph Morita of the Public Works Division at 586-0486.

c: Mr. Jun Sueia, Mitunaga & Associates
Mr. Glenn Kimura, Kimura International, Inc.

LOCAL/STATE
CONFERENCE



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

March 5, 2004

RODNEY K. HARAGA
Director
DANIEL D. CHANG
PAUL V. MATHEA
LINDA K. JOESTING
SHARIL S. SUGLOKA
BY EMAIL REFER TO
STP 8.1043

TO: THE HONORABLE RUSSELL K. SAITO, STATE COMPTROLLER
DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES

ATTN: RALPH MORITA, PLANNING BRANCH

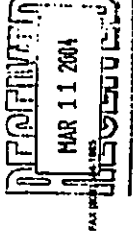
FROM: RODNEY K. HARAGA, Director
DIRECTOR OF TRANSPORTATION

SUBJECT: WAIPAHU HIGH SCHOOL EIGHT CLASSROOM BUILDING
DRAFT ENVIRONMENTAL ASSESSMENT (DEA) -
EARLY CONSULTATION

Thank you for your transmittal requesting our review of the subject project. Our earlier letter STP 8.0938 dated November 21, 2003, is still applicable. The project by itself will not impact the State transportation facilities in the area.

We appreciate the opportunity to provide comments.

c: Genevieve K. Y. Salmonson, OEQC
Leslie Kurisaki, Kimura International



PHONE (808) 584-1888



STATE OF HAWAII
OFFICE OF HUMAN AFFAIRS
111 KAPOLANUI BOULEVARD, SUITE 508
HONOLULU, HAWAII 96813

HRD0041235

March 9, 2004

Ralph Morita
State of Hawaii
DAGS
Planning Branch
P.O. Box 119
Honolulu, HI 96810-0119

RE: Waipahu High School Eight Classroom Building

Dear Mr. Morita:

OHA has reviewed the draft environmental assessment for the above referenced project. We have no comments on this project at this time.

Thank you for the opportunity to comment. Should you have further questions, please contact Pua Aliu at 594-1931 or by e-mail at paliu@oha.hawaii.gov.

Sincerely,

Clyde W. Namu'o
Administrator

C: Director
OEQC
235 S. Beretania St., Ste 702
Honolulu, HI 96813

Kimura International
1600 Kapiolani Blvd., Ste 1610
Honolulu, HI 96814
Contact: Leslie Kurisaki

LINDA LINGLE
GOVERNOR



STATE OF HAWAII
DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES
P.O. BOX 119, HONOLULU, HAWAII 96810

RUSSELL SARGO
COMPTROLLER
KATHERINE H. THOMASCH
SAFETY COMPTROLLER

(7200) 4

BOARD OF WATER SUPPLY

CITY AND COUNTY OF HONOLULU
630 SOUTH BERETANIA STREET
HONOLULU, HI 96813



SECRETARY: HAROLD MAYER
EDDIE FLORES, JR., Chairman
CHARLES A. BIRD, Vice-Chairman
HERBERT S. KAPOA, SR.
DANIEL H. LEONG

ROBERT K. WAKADA, Lt. Officer
LARRY J. LEOPACZ, Lt. Officer
CLIFFORD S. JAMILE
Manager and Chief Engineer
DORIS M. K. KUTSUKI,
Quality Manager and Chief Engineer

March 2, 2004

APR 12 2004

MEMORANDUM

TO: Mr. Clyde W. Namuo, Administrator
Office of Hawaiian Affairs

FROM: Harold Sonamura
Acting Public Works Administrator

Subject: Waipahu High School Eight-Classroom Building
Draft Environmental Assessment (EA)

Thank you for your review of the draft EA for Waipahu High School Eight-Classroom Building. We have received your letter dated March 9, 2004, stating that you have no comments on the project at this time.

If you have any questions, please have your staff call Mr. Ralph Morita of the Planning Branch at 586-0486.

GN:mo
c: Mr. Jun Suefa, Minunaga & Associates
Mr. Glenn Kimura, Kimura International, Inc.

Mr. Glenn T. Kimura, President
Kimura International, Inc.
1600 Kapiolani Boulevard, Suite 1610
Honolulu, Hawaii 96814

Dear Mr. Kimura:

Subject: Your Letter of February 18, 2004 on the Draft Environmental Assessment for the Waipahu High School Eight-Classroom Building, INK: 9-4-8-20

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

Our comments of November 25, 2003 are still applicable.

If you have any questions, please contact Joseph Kaakua at 748-5440.

Very truly yours,

for CLIFFORD S. JAMILE
Manager and Chief Engineer

LINDA LINGELE
GOVERNOR



STATE OF HAWAII
DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES
P.O. BOX 119, HONOLULU, HAWAII 96810

APR 13 2004

DAISY K. LAITO
COMPTROLLER
MATTHEW N. THOMASSON
DEPUTY COMPTROLLER

0720164

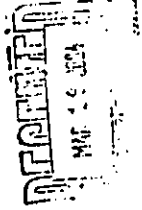


DEPARTMENT OF DESIGN AND CONSTRUCTION
CITY AND COUNTY OF HONOLULU
840 SOUTH KING STREET, 11TH FLOOR
HONOLULU, HAWAII 96813
Phone: (808) 522-4144 • Fax: (808) 522-4187
Website: www.hawaii.gov/ddc

MATTHEW N. THOMASSON, P.E.
DIRECTOR

52723

March 15, 2004



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

Dear Mr. Jamile:

Subject: Waipahu High School Eight-Classroom Building
Draft Environmental Assessment

Thank you for your review of the draft EA for Waipahu High School Eight-Classroom Building. We have received your letter dated March 2, 2004, referencing your early comments dated November 25, 2003.

If you have any questions, please have your staff call Mr. Ralph Morita of the Planning Branch at 586-0486.

Sincerely,

HAROLD SONOMURA
Acting Public Works Administrator

GN:mo
c: Mr. Jun Suela, Mitrunga & Associates
Mr. Glenn Kimura, Kimura International, Inc.

Mr. Ralph Morita
Planning Branch
Department of Accounting and General Services
State of Hawaii
Post Office Box 119
Honolulu, Hawaii 96810-0119

Dear Mr. Morita:

Subject: Waipahu High School Eight-Classroom
Draft Environmental Assessment (DEA)

Thank you for the opportunity to comment on the DEA for the proposed subject; however, we do not have any comments at this time.

Please call Mr. Gary Doi at 527-6699 if you have any questions.

Very truly yours,

TIMOTHY E. STEINBERGER, P.E.
Director

TES:ci

cc: Genevieve Salomonson, OEQC
/Leslie Kuritaki, Kimura International

LINDA LINKOLE
GOVERNOR



STATE OF HAWAII
DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES
P.O. BOX 118, HONOLULU, HAWAII 96810

RUSS K. BAITO
COMPTROLLER

KATHERINE H. THOMPSON
DEPUTY COMPTROLLER

DP2004.4

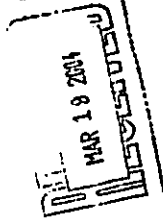
ASST. CLERK
BY NAME

FIRE DEPARTMENT
CITY AND COUNTY OF HONOLULU

3375 KOWALEW STREET, SUITE 4433, HONOLULU, HAWAII 96819-1113
TELEPHONE: (808) 531-7711 • FAX: (808) 531-7730 • INTERNET: www.honolulu.gov



March 12, 2004



Mr. Timothy E. Steinberger, P.E.
Director
Department of Design and Construction
City and County of Honolulu
650 S. King Street, 11th Floor
Honolulu, Hawaii 96813

Dear Mr. Steinberger:

Subject: Waipahu High School Eight-Classroom Building
Draft Environmental Assessment (EA)

Thank you for your review of the draft EA for Waipahu High School Eight-Classroom Building. We have received your letter dated March 15, 2004, stating that you have no comments at this time.

If you have any questions, please have your staff call Mr. Ralph Morita of the Planning Branch at 586-0486.

Sincerely,

HAROLD SONOMURA
Acting Public Works Administrator

GN:mo

c: Mr. Jun Sueh, Mitsunaga & Associates
Mr. Glenn Kimura, Kimura International, Inc.

Mr. Ralph Morita, Acting Chief
Planning Branch
State of Hawaii
Department of Accounting and General Services
P.O. Box 119
Honolulu, Hawaii 96810-0119

Dear Mr. Morita:

Subject: Waipahu High School Eight-Classroom Building
Waipahu, Ewa District, Oahu
Tax Map Key: 9-4-008: 020
Draft Environmental Assessment (DEA)

We received a letter dated February 18, 2004, from Mr. Glenn T. Kimura of Kimura International, Inc., requesting that our comments on the above-mentioned DEA be sent to you.

The Honolulu Fire Department (HFD) requires that the following be complied with:

1. Provide a private water system where all appurtenances, hydrant spacing, and fire flow requirements meet Board of Water Supply standards.
2. Provide a fire department access road within 150 feet of the first floor of the most remote structure. Such access shall have a minimum vertical clearance of 13 feet 6 inches, be constructed of an all-weather driving surface complying with Department of Transportation Services (DTS) standards, capable of supporting the minimum 60,000-pound weight of our fire apparatus, and with a gradient not to exceed 20%. The unobstructed width of the fire apparatus access road shall meet the requirements of the appropriate county jurisdiction. All dead-end fire apparatus access roads in excess of 150 feet in length shall be provided with an approved turnaround having a radius complying with DTS standards.

Mr. Ralph Morita, Acting Chief
Page 2
March 12, 2004

3. Submit construction plans to the HFD and Department of Planning and Permitting.

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

Sincerely,


ATTILIO K. LEONARDI
Fire Chief

AKL/SK:hh

cc: Genevieve Salmonson, Director, Office of Environmental Quality Control
Leslie Kurisaki, Kimura International, Inc.

LINDA LINDLE
GOVERNOR



STATE OF HAWAII
DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES
P.O. BOX 118, HONOLULU, HAWAII 96810

RUNE K. SAITO
COMPTROLLER
KATHERINE H. THOMASON
DEPUTY COMPTROLLER

07/01/14

APR 13 2004

Mr. Attilio K. Leonard, Fire Chief
Fire Department
City and County of Honolulu
3375 Koapaka Street, Suite H425
Honolulu, Hawaii 96819-1869

Dear Chief Leonard:


Subject: Waipahu High School Eight-Classroom Building
Draft Environmental Assessment

Thank you for your review of the draft EA for Waipahu High School Eight-Classroom Building. We have received your letter dated March 12, 2004, and offer the following response to your comments.

The requirements for a private water system meeting Board of Water Supply standards will be met. Construction plans will be submitted to the Honolulu Fire Department (HFD) and Department of Planning and Permitting. Our preliminary design assessment indicates that a new fire access lane is not required, and we anticipate HFD's confirmation upon review of the plan.

If you have any questions, please have your staff call Mr. Ralph Morita of the Planning Branch at 586-0486.

Sincerely,


HAROLD SONOMURA
Acting Public Works Administrator

GN:mo

c: Mr. Jun Sueja, Mizunaga & Associates
Mr. Glenn Kimura, Kimura International, Inc.

DEPARTMENT OF PLANNING AND PERMITTING
CITY AND COUNTY OF HONOLULU

1455 KALANOAUAVI AVENUE, SUITE 200, HONOLULU, HAWAII 96813
TELEPHONE: (808) 521-4173 FAX: (808) 521-2325 INTERNET: WWW.CITYANDCOUNTY.HI



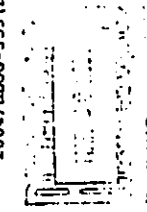
OFFICIAL RECORDS
3/19/04

1846 6:03 PM AM
DIRECTOR

BARBARA RUP STANTON
DEPUTY DIRECTOR

LAUREN BOGARDUS
ACTING DEPUTY DIRECTOR

2004/ELOG-359 (DT)



March 19, 2004

Mr. Ralph Morita
State of Hawaii
Department of Accounting and
General Services
Planning Branch
P. O. Box 119
Honolulu, Hawaii 96810-0119

Dear Mr. Morita:

Draft Environmental Assessment (EA)
Waipahu High School Eight-Classroom Building
Tax Map Key: 9-4-8; 20

This is in response to your letter dated February 18, 2004,
requesting comments on the Draft EA for a new classroom
building. We have the following comments:

Zoning Regulations and Permits Branch

1. The site is zoned R-5 Residential District. The front yard setback is 30 feet, and the maximum height is 25 feet. A Zoning Waiver is required since the building will exceed the maximum height limit. Additional waivers will be required if the project does not meet other development standards for the R-5 district. Please list the waivers required for the project.

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

Mr. Ralph T. Morita
Page 2
March 19, 2004

Wastewater Branch (HMB)

1. We have no objections to the proposed new two-story, eight-classroom building, and demolition and replacement of two portable classroom buildings. We will require the new eight-classroom building to connect to the 8-inch sewer line located to the south of the new building location.
2. This statement shall not be construed as confirmation of sewage capacity reservation. Sewage capacity reservation is contingent on submittal and approval of a Site Development Division Master Application Form for Sewer Connection. This project may be liable for payment of the Wastewater System Facility Charge

If you have any questions, please contact Scott Gushi of the Wastewater Branch at 523-4886.

Civil Engineering Branch (CEB)

1. Table 1: Clarify "Construction permit." Do you mean "Building Permit?" If so, this is not issued by the Civil Engineering Branch.
2. Section 3.1.2 (Soils): Cite the correct grading, grubbing and stockpiling ordinance.
3. Section 3.1.4 (Seismic Activity): Revise the Seismic Zone designation for Oahu.
4. A drainage report may be required at a later date.

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

Mr. Ralph T. Morita
Page 3
March 19, 2004

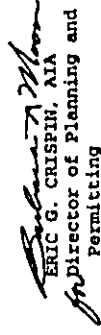
Policy Planning Branch (PPB)

1. The proposed project is consistent with the Central Oahu Sustainable Communities Plan (SCP). The proposed project is within the Urban Community Boundary.
2. Section 4.3.2 of the DEA should be revised by replacing the "February 2002" reference with "December 2002" since the Central Oahu SCP was adopted as Ordinance 02-62 in December 2002.
3. Section 4.3.3 of the DEA briefly discusses the Waipahu Town Plan. We suggest that the DEA be revised to include a brief discussion about the Waipahu Livable Communities Initiative that was prepared in May 1998. The Waipahu Livable Communities Initiative is intended to extend the Waipahu Town Plan effort by identifying specific implementation projects.

Please contact Timothy Hata at 527-6070, should you have any questions regarding PPB's comments.

Thank you for the opportunity to review the Draft EA.

Sincerely yours,


ERIC G. CRISPIN, AIA
Director of Planning and
Permitting

EGC:nt

cc: OEBC
Kimura International, Inc.

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LINDA LINGLE
CLERK



STATE OF HAWAII
DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES
P.O. BOX 119, HONOLULU, HAWAII 96810

KUSI K. BATO
COMPTROLLER
MARGARET H. THOMSON
CLERK

07p0114

APR 13 2004

Mr. Eric Crispin, Director
Department of Planning and Permitting
City and County of Honolulu
630 S. King Street
Honolulu, Hawaii 96813

Dear Mr. Crispin:

Subject: Waipahu High School Eight-Classroom Building
Draft Environmental Assessment

Thank you for your review of the draft EA for Waipahu High School Eight-Classroom Building. We have received your letter dated March 19, 2004, and offer the following response to your comments.

Zoning Regulations and Permits Branch

- A Zoning Waiver for building height will be obtained for this project. No other waivers will be required.

Wastewater Branch

- The new eight-classroom building will connect to the eight inch sewer line located to the south of the new building location.
- A Site Development Division Master Application Form for Sewer Connection will be submitted.

Civil Engineering Branch

- Table 1 will be revised.
- Soils text will be revised.
- Seismic Activity text will be revised. Comment regarding drainage report is acknowledged.


Mr. Eric Crispin
(P)2018.4
Page 2

Policy Planning Branch

- Central Oahu SCP: Comment acknowledged.
- Text will be revised.
- Final EA will include a brief discussion about the Waipahu Livable Communities Initiative prepared in May 1998.

If you have any questions, please have your staff call Mr. Ralph Morita, of the Planning Branch at 586-0486.

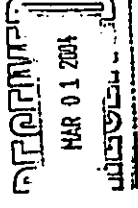
Sincerely,


HAROLD SONOMURA
Acting Public Works Administrator

GN:mo

C: Mr. Jun Suea, Mitsunaga & Associates
Mr. Glenn Kimura, Kimura International, Inc.

DEPARTMENT OF PARKS AND RECREATION
CITY AND COUNTY OF HONOLULU
1400 ULUKOHA STREET, SUITE 209
HONOLULU, HAWAII 96817



February 27, 2004

State of Hawaii
Department of Accounting and General
Services
Planning Branch
Attention: Mr. Ralph Morita
P.O. Box 119
Honolulu, Hawaii 96810-0119

Dear Sir:


Subject: Draft Environmental Assessment
Waipahu High School Eight-Classroom Building

Thank you for the opportunity to review and comment on the Draft Environmental Assessment related to the Waipahu High School Eight-Classroom Building.

The Department of Parks and Recreation has no comment on the proposed improvement to the school.

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

Sincerely,


WILLIAM D. BALFOUR, JR.
Director

WDB:mak
(2/23/04)

cc: Office of Environmental Quality Control
Kimura International

LINDA LINDLE
GOVERNOR



STATE OF HAWAII
DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES
P.O. BOX 119, HONOLULU, HAWAII 96810

RUSSELL GAYO
COMPTROLLER
KATHERINE A. THORNTON
DEPUTY COMPTROLLER

(720064

APR 12 2004

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

Dear Mr. Balfour:

Subject: Waipahu High School Eight-Classroom Building
Draft Environmental Assessment (EA)

Thank you for your review of the draft EA for Waipahu High School Eight-Classroom Building. We have received your letter dated February 27, 2004, stating that you have no comment on the proposed improvement to the school.

If you have any questions, please have your staff call Mr. Ralph Morita of the Planning Branch at 586-0486.

GN:mo
c: Mr. Jun Sueki, Mitsuunaga & Associates
Mr. Glenn Kimura, Kimura International, Inc.

Sincerely,

HAROLD SONOMURA
Acting Public Works Administrator

POLICE DEPARTMENT
CITY AND COUNTY OF HONOLULU

801 SOUTH BERTANIA STREET
HONOLULU, HAWAII 96813 - AREA CODE (808) 828-3111
<http://www.honolulu.gov>
<http://www.honolulu.hi.us>



JEREMY HARRIS
MAYOR

LEE D. DONOHUE
CHIEF
GLENN B. RAJIVAMA
PAUL D. PETERLIN
DEPUTY CHIEFS

OUR REFERENCE CS-KP

March 10, 2004

Mr. Ralph Morita, Acting Chief
Planning Branch
Department of Accounting and General Services
P.O. Box 119
Honolulu, Hawaii 96810-0119

Dear Mr. Morita:

Thank you for the opportunity to review and comment on the Draft Environmental Assessment for the Waipahu High School Eight-Classroom Building project.

Please refer to our original comments of December 2, 2003. In addition, we would like to advise the contractor of possible threats of construction materials that may be stored at the site. Please provide us with his or her name and a phone number.

If there are any questions, please call Captain Stephen Kim of District 3 at 455-9055 or Ms. Carol Soderland of the Support Services Bureau at 529-3658.

Sincerely,

LEE D. DONOHUE
Chief of Police

By
KARL GODSEY
Assistant Chief of Police
Support Services Bureau

cc: Ms. Genevieve Salmonson (OEQC)
Ms. Leslie Kurtsaki (Kimura International, Inc.)

Serving and Protecting with Aloha

LINDA LINGALE
GOVERNOR



STATE OF HAWAII
DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES
P.O. BOX 119, HONOLULU, HAWAII 96810

APR 12 2004

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

Dear Chief Donohue:

Subject: Waipahu High School Eight-Classroom Building
Draft Environmental Assessment (EA)

Thank you for your review of the draft EA for Waipahu High School Eight-Classroom Building. We have received your letter dated March 10, 2004, referencing your original comment letter dated December 2, 2003. As you have requested, we will provide you the name and phone number of the construction contractor once one has been selected. We know they would appreciate the Police Department's suggestions on ways to prevent thefts of construction materials that may be stored at the site.

If you have any questions, please have your staff call Mr. Ralph Morita of the Planning Branch at 586-0486.

Sincerely,

HAROLD J. SONOMURA
Acting Public Works Administrator

GN:mo
c: Mr. Jun Sueha, Misunaga & Associates
Mr. Glenn Kimura, Kimura International, Inc.

DEPARTMENT OF FACILITY MAINTENANCE

CITY AND COUNTY OF HONOLULU

1000 ULUOHA STREET, MAPOLE HALE, SUITE 215, MAPOLEI, HAWAII 96707
TELEPHONE: (808) 491-3241 FAX: (808) 491-3437



AGENT MAJIS
MAYOR

February 23, 2004

Mr. Glenn T. Kimura
Kimura International
1600 Kapiolani Boulevard, Suite 1610
Honolulu, Hawaii 96814

Dear Mr. Kimura:

Subject: Waipahu High School Eight-Classroom Building
TMK:1-9-4-08-20
Draft Environmental Assessment

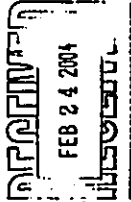
Thank you for the opportunity to comment on the subject project. The Department of Facility Maintenance has no comments to offer.

Should you have any questions, please call me at 523-4472.

Very truly yours,

LARRY LEOPARDI, P.E.
Director and Chief Engineer

cc: Director, Office of Environmental Quality Control



LARRY J. LEOPARDI, P.E.
DIRECTOR AND CHIEF ENGINEER
ALVIN K. CAJU
DEPUTY DIRECTOR
PROPERTY ACQUISITION
DRM 04-186



WAIPAHU NEIGHBORHOOD BOARD NO. 22

176 NEIGHBORHOOD COMMISSION • 140 SOUTH KING STREET, ROOM 400 • HONOLULU, HAWAII 96813
PHONE: (808) 527-5150 • FAX: (808) 527-5150 • URL: http://www.hawaii.gov

RUSSELL K. SAITO
COMPTROLLER
MATTHEW H. THOMASON
DEPUTY COMPTROLLER

07008.4



STATE OF HAWAII
DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES
P.O. BOX 119, HONOLULU, HAWAII 96810

APR 12 2004

Mr. Larry Leopardi, P. E.
Director and Chief Engineer
Department of Facility Maintenance
City and County of Honolulu
1000 Uluohio Street
Kapolei Hale, Suite 215
Kapolei, Hawaii 96707

Dear Mr. Leopardi:

Subject: Waipahu High School Eight-Classroom Building
Draft Environmental Assessment (EA)

Thank you for your review of the draft EA for Waipahu High School Eight-Classroom Building. We have received your letter dated February 23, 2004, stating that you have no comments on the proposed project.

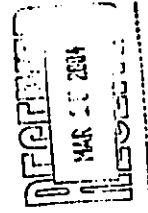
If you have any questions, please have your staff call Mr. Ralph Morita of Planning Branch at 586-0486.

Sincerely,

HAROLD SONOMURA
Acting Public Works Administrator

GN:mo
c: Mr. Jun Suea, Mitsuaga & Associates
Mr. Glenn Kimura, Kimura International, Inc.

March 12, 2004



To: State of Hawaii
Department of Accounting and General Service
Planning Branch
P.O. Box 119
Honolulu, HI 96810-0119

Dear Mr. Ralph Morita:

Reference: Your February 18, 2004 letter, Subject: Review of Environmental Assessment: Waipahu High School Eight-Classroom Building

The Waipahu Neighborhood Board #22 appreciates the opportunity to review the Draft Environmental Assessment for the Waipahu High School Eight-Classroom Building project. The project DEA review was announced and comments solicited at the February 19, 2004 meeting of the Waipahu Neighborhood Board #22. The following comments are provided:

1. Para. 2.1.2 Project Description, first Paragraph: Recommended that associated Biology and Physics prep area also be identified in sentence two.
2. Para. 2.1.2 Project Description, last paragraph: It is imperative that the project receive a thorough Americans with Disabilities Act (ADA) review for compliance with ADA guidelines.
3. Para. 2.4 Project Summary, Table 2, proposed project section: Recommended that associated Biology and Physics prep area also be identified in the last paragraph description.
4. Para. 3.1.3 Climate and Air Quality, Potential Impacts and Mitigation measures and page 3-13, second paragraph: Due to the proximity of the construction site to adjacent residential properties, recommend that appropriate mitigation measures include consideration of local residents properties to reduce the potential for fugitive dust during construction activities. Also, local residents must be advised of whom to contact in the event of a significant problem affecting health, dust, or air quality.
5. Para. 3.1.4 Natural Hazards: Recommend the study review any existing manmade government hazards located on the Waipio Peninsula, West Loeh, Eva Peninsula areas and address them in the project DEA as necessary.
6. Para. 3.1.6 Noise and page 3-13, second paragraph: Due to the proximity of the construction site to adjacent residential properties, recommend that appropriate mitigation measures include ways to reduce the potential for excessive noise during construction activities. Also, local residents must be advised of the construction work periods, potential for noise levels in excess of permissible



Waipahu Neighborhood Board System - Established 1973

LINDA LANGE
OWNER



STATE OF HAWAII
DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES
P.O. BOX 119, HONOLULU, HAWAII 96810

RUSSELL F. ROLLER
COMPTROLLER
MATTHEW H. THOMASOM
DEPUTY COMPTROLLER

072011.4

APR 12 2004

Mr. Russell F. Roller
Education Chairperson
Waipahu Neighborhood Board #22
c/o Neighborhood Commission
530 S. King Street, Rm. 400
Honolulu, Hawaii 96813

Dear Mr. Roller:

Subject: Waipahu High School Eight-Classroom Building
Draft Environmental Assessment

Thank you for your review of the draft EA for Waipahu High School Eight-Classroom Building. We have received a copy of your letter dated March 12, 2004, and have the following response:

1. Project Description: Your comment will be incorporated.
2. Americans with Disabilities Act (ADA) review: As stated in the draft EA, the plans will be submitted to the Disability and Communication Access Board (DCAB) for an ADA Accessibility Guidelines review.
3. Project Description: Your comment will be incorporated.
4. Potential Noise and Dust Impacts: Project specifications regarding construction period noise and dust mitigation will consider project impacts to nearby residents. Residents adjacent to the project construction site will be notified when construction will occur, and will be provided information on who to contact in the event of a significant problem affecting health, dust or air quality.
5. Natural Hazards: Waipahu High School and its environs is not affected by the federal government's Explosives Safety Quantity Distance (ESQD) arcs, which emanate from the Navy's West Loch ammunition wharves. ESQD hazard zones are established by the Department of Defense to prescribe minimum distances for separating explosives from

levels, and advised of whom to contact in the event of a significant problem with noise.

7. Para. 3.2.1 Flora: Recommended that the landscape plan consider building security planning measures.
8. Para. 3.3.2 Seismic and Visual Resources and para 4.3.4 Zoning: Recommend any request for waiver or zoning variance of building height be coordinated with the Waipahu Neighborhood Board #22 and local residents that will be affected.
9. Para 3.4 Traffic and Circulation and Para 3.4.2 Potential Impacts and Mitigation, paragraph one: If displaced parking stalls are for the handicap, they should be relocated to another suitable area.
10. Para. 3.4 Traffic and Circulation and Para. 3.4.2 Potential Impacts and Mitigation, last paragraph: The Waipahu Neighborhood Board #22 supports efforts to monitor the traffic at the intersection of Farrington Highway and Waipio Access Road as the area grows.
11. Page 3-10, Figure 8 and Page 4-2, Figure 10: Both figures show the existing parking area adjacent to the new Eight-Classroom Building and "E" metal shop building. On Figure 8, the area between the new classrooms and parking area is covered with grass and shade trees. With foot traffic from the new classroom building to the parking lot, the grass will quickly disappear. You may want to consider a transition that will not show pedestrian traffic.

Mahalo for the appointment to comment on this important project for Waipahu. If you have any questions, please feel free to contact me at 671-6636

Sincerely,

Russell F. Roller

RUSSELL F. ROLLER
Education Chair person
Waipahu Neighborhood Board #22

Copies to:


Director Office of Environmental Quality Control 235 South Beretania Street, Suite 702 Honolulu, HI 96813	Kimura International 1600 Kapiolani Blvd., Suite 1610 Honolulu, HI 96814
Waipahu Neighborhood Board #22 Chairperson	Principal Patricia Pedersen Waipahu High School 94-1211 Farrington Highway Waipahu, HI 96797
Neighborhood Commission Office Attn: Steve Rodrigues City Hall, Room 400 Honolulu, HI 96813-3014	

Mr. Russell F. Roller
(P)2011.4
Page 2

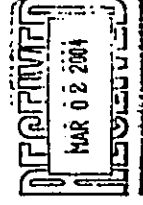
inhabited structures, public roads, and other explosives. Certain land uses are restricted within these zones. Although a large portion of nearby Waipio Peninsula is encumbered by the ESQD arc, Waipahu High School is well outside this area. This man-made hazard does not impact the school or this project.

6. **Noise:** As stated in No. 4 above, adjacent residents will be advised of the construction work periods, potential for noise levels in excess of permissible levels, and who to contact in the event of a significant problem with noise.
7. **Flora:** The landscape plan has been modified to consider building security measures. For example, shrub plantings are spaced and the height of shrubbery will not exceed 36 inches. The landscaping is also being designed to be low maintenance.
8. **Scenic and Visual Resources:** A waiver of building height requirements will be obtained from the Department of Planning and Permitting prior to construction. No scenic views will be obstructed by the building.
9. **Traffic and Circulation:** None of the parking stalls displaced during construction is handicapped stalls.
10. **Traffic and Circulation:** Comment acknowledged.
11. **Landscaping:** Your comment was forwarded to the architect and landscape architect, and the landscape plan has been revised. Grass with shade trees in this area will be provided within an enclosed planter, with openings for pedestrian walkways.

Thank you again for your comments. If you have any questions, please have your staff call Mr. Ralph Morita of the Planning Branch at 586-0486.

Sincerely,

HAROLD SONOMURA
Acting Public Works Administrator

GN:mo
c: Mr. Jun Suei, Mitsunaga & Associates
Mr. Glenn Kimura, Kimura International



February 27, 2004

State of Hawaii
Department of Accounting and General Services
Planning Branch
P.O. Box 119
Honolulu, Hawaii 96810-0119

Attention: Ralph Morita

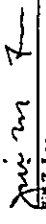
Subject: Waipahu High School Eight Classroom Building

Dear Sir:

Thank you for the opportunity to review and comment on the Draft Environmental Assessment (DEA) for the above subject project. We have reviewed the document and have no comments at this time.

Should you have any questions, please call Garret Hayashi at 840-1438.

Sincerely,


Jui Z. Lee
Section Manager - OSP Engineering

copy to:

Director
Office of Environmental Quality Control
235 South Berzhania Street, Suite 702
Honolulu, HI 96813

Kimura International
1600 Kapiolani Blvd., Suite 1610
Honolulu, HI 96814
Attention: Leslie Kuritaki

File (Waipahu C.O.)

LINDA LINDSE
GOVERNOR



STATE OF HAWAII
DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES
P.O. BOX 119, HONOLULU, HAWAII 96810

APR 12 2004

Ms. Jill Z. Lee, Section Manager
OSP Engineering
Verizon Hawaii, Inc.
P.O. Box 2200
Honolulu, Hawaii 96841

Dear Ms. Lee:

Subject: Waipahu High School Eight-Classroom Building
Draft Environmental Assessment (EA)

Thank you for your review of the draft EA for Waipahu High School Eight-Classroom Building. We have received your letter dated February 27, 2004, stating that you have no comments on the draft EA. Per your comment on the pre-consultation letter dated November 26, 2003, a set of plans will be sent to your section for review when they are available.

If you have any questions, please have your staff call Mr. Ralph Morita of the Planning Branch at 586-0486.

Sincerely,

HAROLD SONOMURA
Acting Public Works Administrator

GN:mo
c: Mr. Jun Suea, Mirunaga & Associates
Mr. Glenn Kimura, Kimura International, Inc.

LINDA LINDSE
GOVERNOR



STATE OF HAWAII
DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES
P.O. BOX 119, HONOLULU, HAWAII 96810

APR 13 2004

The Honorable Jon Riki Karamatsu
Representative, 41st District
Twenty-Second State Legislature
State Capitol, Room 427
Honolulu, Hawaii 96813

Dear Representative Karamatsu:

Subject: Waipahu High School Eight-Classroom Building
Draft Environmental Assessment (EA)

Thank you for your review of the draft EA for the Waipahu High School Eight-Classroom Building and your February 19, 2004, letter and thank you for your offer to provide assistance, if necessary. We appreciate your interest in this project.

If you have any questions, please call me at 586-0400 or Mr. Ralph Morita of the Public Works Division at 586-0486.

Sincerely,

RUSS K. SAITO
State Comptroller

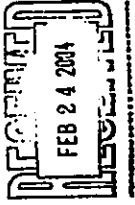
c: Mr. Jun Suea, Mirunaga & Associates
Mr. Glenn Kimura, Kimura International, Inc.

RUSS K. SAITO
COMPTROLLER
KATHERINE H. THOMASON
DEPUTY COMPTROLLER

(P2010.4



HOUSE OF REPRESENTATIVES
STATE OF HAWAII
STATE CAPITOL
HONOLULU, HAWAII 96813



February 19, 2004

Mr. Glenn T. Kimura
Kimura International, Inc.
1600 Kapiolani Blvd., Suite 1610
Honolulu, Hawaii 96814

Dear Mr. Kimura:

Thank you for providing me with a copy of *Waipahu High School, Eight Classroom Building, a Draft Environmental Assessment*. For your information, I am serving as Vice Chair on the Committee on Tourism and Culture, assisting the Chair, State Representative Jerry Chang of Hilo. In addition, I am serving as a member on the committees on Agriculture, Economic Development & Business Concerns, and Finance.

If you would like to discuss Kimura International, Inc.'s issues or if there is any way I can be of assistance to you, please feel free to call me or my Office Manager, Baron Gushiken at 586-8490.

With Warmest Aloha,

Jon Riki Karamatsu

Jon Riki Karamatsu
State Representative, District 41

Representative Jon RIKI Karamatsu - Vice Chair, Tourism & Culture
District 41: *Waialeale, Royal Kona, Village Park, Waipahu*
State Capitol, Room 477 - Honolulu, Hawaii 96813
Phone: 516-8490 - Fax: 516-8494
E-Mail: rikikaramatsu@capitol.hawaii.gov

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Appendix A


**Hazardous Material Survey Report
Portables 25 and 26, Waipahu High School**

**Kimura International, Inc.
December 2003**

**HAZARDOUS MATERIALS SURVEY
REPORT**

PORTABLES 26 AND 26
WAIPAHU HIGH SCHOOL
WAIPAHU OAHU, HAWAII

Prepared for:
**MTSUNAGA & ASSOCIATES, INC.
747 AMANA STREET, SUITE 216
HONOLULU, HAWAII 96814**

Prepared by:

**KIMURA INTERNATIONAL, INC.
1600 Kapiolani Boulevard, Suite 1610
Honolulu, HI 96814**

DECEMBER, 2003

**HAZARDOUS MATERIALS SURVEY
REPORT**

PORTABLES 25 AND 26
WAIPAHU HIGH SCHOOL
WAIPAHU, OAHU, HAWAII

Prepared For:
**MTSUNAGA & ASSOCIATES, INC.
747 Amama Street, Suite 216
Honolulu, Hawaii 96814**

Prepared By:
**KIMURA INTERNATIONAL, INC.
1600 Kapiolani Boulevard, Suite 1610
Honolulu, Hawaii 96814**

December 2003

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1.0 CERTIFICATIONS AND LIMITATIONS

Kimura International, Inc. (KI) has completed this Hazardous Materials Survey Report for the project site. KI's findings are based on research, site observations, government regulations and laboratory data, which were gathered at the time and location of the study. Even with such extensive investigative efforts, we can not dismiss the possibility of additional hazardous materials being present.

We make no guarantee or warranty, either expressed or implied, except that our services are consistent with good commercial or customary practices designed to conform with acceptable industry standards.

This report is exclusively for the use and benefit of Mitsunaga and Associates, Inc. and is not for the use or benefit of, nor may it be relied upon by, any other person or entity. The contents of this report may not be quoted in whole or in part or distributed to any person or entity without, in each case, the written consent of Kimura International, Inc.

Prepared By: David Leigh

David Leigh
Sr. Industrial Hygienist
State of Hawaii Asbestos Inspector
Certification No. HIASB-0251
EPA Certified Lead Inspector
Certification No. HI-05-052005-627

Date: 12/1/04

2.0 EXECUTIVE SUMMARY

Kimura International, Inc. (KI) completed a Hazardous Materials Survey at the Portables 25 and 26 located in the Waipahu High School, in Waipahu, Oahu, Hawaii. The portables are currently being used as classrooms and are primarily constructed of wooden components. The purpose of this survey was to determine the presence of hazardous materials such as asbestos containing material (ACM), lead containing paint (LCP), and polychlorinated biphenyl (PCB) and mercury containing material at the facility which can affect proposed demolition work.

On November 12, 2003, KI personnel collected fifteen (15) samples of suspect building materials for asbestos analysis. The samples were collected in accordance with United States Environmental Protection Agency (EPA) guidelines and recommendations. The National Emission Standards for Hazardous Air Pollutants (NESHAP) 40 CFR 61 defines asbestos containing materials as any material containing greater than 1 % asbestos. According to the laboratory analysis, window frame sealant materials located on the front window frame of portable 26 was identified as asbestos containing material.

During November 12th site visit, KI personnel also collected eleven (11) paint samples from the exterior and interior painted surfaces of the Portables 25 and 26 in accordance with EPA guidelines and recommendations. Analytical laboratory results indicated that various painted components of the structures contained lead.

A representative sample of the demolished lead containing painted building components must be collected prior to disposal and analyzed via TCLP to determine if the material meet the definition of a RCRA-regulated hazardous waste per 40 CFR Part 261. If the laboratory analytical result is less than 5 mg/L for lead, the lead containing painted building components may be disposed of as general construction debris at a landfill that will accept such waste. If the laboratory analytical result exceeds 5 mg/L, the entire lead containing painted building components must be disposed of as a RCRA-regulated hazardous waste. Metal or steel building components are exempt from TCLP requirements if recycled. KI personnel collected various painted building core samples from the Portables 25 and 26. The samples were then composited into a single representative sample. The laboratory results indicate that the TCLP-lead level in the representative core building component sample was less than 5.0 mg/L.

During the site visit, KI also randomly inspected various light fixtures throughout the Portables 25 and 26. All the inspected light fixtures contained ballasts with "No PCB" labels, however, it was assumed that all the lamps contain small amounts of mercury vapor.

Based on KI's field observations, laboratory data, XRF measurements, and government regulations, KI recommends the following:

Asbestos

If any future demolition or renovation activity is likely to disturb the asbestos containing material as to dislodge, break up or render it friable (e.g., sanding, grinding, cutting, abrading, etc.), the material must be removed and disposed by a qualified asbestos abatement contractor. In addition, the services of a qualified consultant should be obtained to monitor and inspect the removal activities to ensure compliance with applicable EPA, OSHA, and HIOSH regulations pertaining to the handling of asbestos containing material.

Lead-Containing Paint

The OSHA and HIOSH lead standard requirements may need to be applied, when paint containing lead is encountered during demolition activities. Specifically, such activities may need to be performed in compliance with 29 CFR 1926.62 and HIOSH 12-148.1. Some of the components of 29 CFR 1926.62 and HIOSH 12-148.1 are:

- ◆ Exposure assessment via personal air monitoring;
- ◆ Lead awareness training;
- ◆ Medical surveillance;
- ◆ Hazard communication;
- ◆ Respiratory protection; and
- ◆ Personal protective clothing

TCLP -Lead

The representative composite core building component samples did not meet the RCRA-definition of hazardous waste. Thus, demolished debris from the Portables 25 and 26 may be disposed of as general construction debris at a landfill that will accept such waste.

Polychlorinated Biphenyl (PCB) Containing Light Ballasts and Mercury Containing

Lamps
Fluorescent lamps containing mercury should be removed by a qualified hazardous material abatement contractor and recycled.

3.0 INTRODUCTION

Kimura International, Inc. (KI) is pleased to submit this report documenting the hazardous materials survey conducted at the Portables 25 and 26 located in the Waipahu High School in Waipahu, Oahu, Hawaii. The portables are currently being used as classrooms and are primarily constructed of wooden components.

3.1 Background

In November of 2003, Mitsunaga and Associates, Inc. contracted KI to conduct the hazardous materials survey at the above referenced site. The site visit was coordinated with Mr. Warren Harada of the Waipahu High School.

3.2 Scope of Work

KI performed the following scope of work:

- Performed a site reconnaissance;
- Collected fifteen (15) bulk samples from suspect asbestos containing building materials in accordance with EPA guidelines and analyzed each sample by polarized light microscopy to determine asbestos type and content;
- Collected eleven (11) paint samples from the interior and exterior painted surfaces in accordance with EPA guidelines and analyzed each sample by flame atomic absorption spectrometry for total lead content;
- Collected and analyzed, via toxicity characteristic leaching procedure (TCLP)-lead, a single representative core building sample collected from various painted building components;
- Identified PCB containing light ballasts and mercury containing lamps at the facility; and
- Provided this report detailing our methodologies, findings, areas sampled, and appropriate recommendations.

4.0 METHODOLOGY

4.1 Asbestos

On November 12, 2003, KI collected fifteen (15) samples of suspect building material for asbestos analysis. Samples were collected from various accessible interior and exterior areas of the buildings in general accordance with EPA guidelines and recommendations. Suspect materials sampled at the site included window sealant material, roofing material, floor tiles/mastic and base cove/mastic.

Each suspected asbestos containing material was first wetted with water. A small piece was then carefully cut out and placed in a labeled re-sealable plastic bag. The sampling equipment was cleaned between each sample collection to avoid cross-contamination between samples. The condition of each suspected asbestos containing material was noted.

All samples were properly logged and recorded following strict chain of custody procedure and submitted to NVL Laboratories, Inc. in Seattle, Washington, for analysis by polarized light microscopy in accordance with EPA Method 600/R-93/116. NVL is accredited for bulk asbestos analysis through successful participation in the National Voluntary Lab Accreditation Program (NVLAP).

4.2 Lead-Containing Paint

On November 12, 2003, eleven (11) paint chip samples were collected from the interior and exterior painted surfaces of the facility in accordance with current EPA guidelines and industry standards.

An approximate four square inches of paint were scraped from each specified area, down to the structural substrate. Each sample was placed into a labeled re-sealable plastic bag. The sampling equipment was cleaned between each sample to avoid cross-contamination between samples. All samples were properly logged and recorded following strict chain of custody procedures and submitted to NVL Laboratories, Inc. in Seattle, Washington, for analysis by flame atomic absorption in accordance with EPA Method 7420. NVL is accredited for lead analysis through successful participation in the American Industrial Hygiene Association's (AIHA) Environmental Lead Laboratory Accreditation Program (ELLAP).

4.3 TCLP - Lead

Kimura International personnel collected one representative composite core building sample. The samples were collected from the various interior and exterior painted building components of the Portables 25 and 26. The sections of painted building components were wetted with water before sample collection. A small core sample was then carefully chiseled or cut out and placed into a labeled re-sealable plastic bag. Sample locations from each building were randomly selected. The core samples collected from various building components of Portable 25 and 26 were composited into a single sample.

The sample was properly logged and recorded following strict chain of custody procedures and submitted to NVL Laboratories, Inc. in Seattle, Washington, for analysis by EPA Method 1311/7000B. NVL is accredited for lead analysis through successful participation in the American Industrial Hygiene Association's (AIHA) Environmental Lead Laboratory Accreditation Program (ELLAP).

4.4 Polychlorinated Biphenyl (PCB) Containing Light Ballasts and Mercury Containing Lamps

On November 12, 2003, KI randomly inspected representative light fixtures in the Portables 25 and 26 for PCB-containing ballasts and mercury containing lamps.

Decorative light fixture covers were removed and the exposed ballasts were inspected for 'NO PCB' labels. The ballasts that did not have 'NO PCB' labels were assumed to contain PCB. It was also assumed that all of the lamps contained small amounts of mercury vapor.

5.0 RESULTS

5.1 Asbestos

The National Emission Standards for Hazardous Air Pollutants (NESHAP) 40 CFR 61, defines asbestos containing materials as any material containing greater than 1 % asbestos. NESHAP also categorizes ACM as either being a Friable material, a Category I non-friable material or a Category II non-friable material.

Friable materials are defined as those which can be reduced to powder by hand pressure. Category I non-friable materials include asphalt roofing materials, resilient floor covering, excluding linoleum, packings, and gaskets. Category II non-friable materials include any material, excluding Category I non-friable material, such as cementitious materials such as stucco and transite.

Based on this asbestos containing material survey, the window frame sealant materials located on the front interior window frame were identified as Category I non-friable asbestos containing material. Table I lists the results and Table IA summarizes the results. The laboratory reports are included as Appendix III.

**TABLE I
ASBESTOS BULK SAMPLE RESULTS**

SAMPLE NUMBER	SAMPLE LOCATION	SAMPLE DESCRIPTION	CONDITION	ASBESTOS CONTENT & TYPE
A-01	Portable 25, front right corner area	Floor tile layer 1: tan vinyl tile; layer 2: yellow mastic	Good	None Detected None Detected
A-02	Portable 25, front right corner area	Bare Cove layer 1: brown rubbery material layer 2: yellow mastic	Good	None Detected None Detected
A-03	Portable 25, middle right wall area	Floor tile layer 1: tan vinyl tile; layer 2: yellow mastic	Good	None Detected None Detected
A-04	Portable 25, middle right wall area	Bare Cove layer 1: brown rubbery material layer 2: yellow mastic	Good	None Detected None Detected
A-05	Portable 25, rear left corner area	Floor tile layer 1: tan vinyl tile; layer 2: yellow mastic	Good	None Detected
A-06	Portable 25, rear left corner area	Bare Cove layer 1: brown rubbery material layer 2: white mastic	Good	None Detected None Detected
A-07	Portable 25, front left window frame	Window sealant material Gray soft material	Good	None Detected

TABLE I (CONT.)
ASBESTOS BULK SAMPLE RESULTS

SAMPLE NUMBER	SAMPLE LOCATION	SAMPLE DESCRIPTION	CONDITION	ASBESTOS CONTENT & TYPE
A-08	Portable 25, front right window frame	Window sealant material Gray soft material	Good	None Detected
A-09	Portable 26, rear left corner area	Floor tile layer 1: tan vinyl tile; layer 2: yellow mastic	Good	None Detected
A-10	Portable 26, middle right wall area	Base Cove material layer 1: brown rubbery material layer 2: yellow mastic	Good	None Detected
A-11	Portable 26, middle right wall area	Floor tile layer 1: tan vinyl tile; layer 2: yellow mastic	Good	None Detected
A-12	Portable 26, rear left corner area	Base Cove material layer 1: brown rubbery material layer 2: yellow mastic	Good	None Detected
A-13	Portable 26, front right interior window frame	Window sealant material layer 1: white soft material with paint layer 2: gray soft material	Good	None Detected
A-14	Portable 25, front right roof area	Roofing material Black asphaltic fibrous material with granules with paint	Good	2% Chrysotile
A-15	Portable 26, front right roof area	Roofing material Black asphaltic fibrous material with granules with paint	Good	None Detected

TABLE 1A
ASBESTOS CONTAINING MATERIAL LOCATIONS

ASBESTOS CONTAINING MATERIAL	LOCATION/DESCRIPTION	CONDITION	ESTIMATED QUANTITY	FRAILABILITY
Window sealant material	Portable 26, front interior window frames	Good	10-15 linear feet	Non-frailable

5.2 Lead-Containing Paint

OSHA and HIOSH define paint or other coatings containing lead as lead-containing paint. When paint containing any lead is encountered during renovation or demolition, OSHA and HIOSH requirements may apply, and any work should be performed in compliance with 29 CFR 1926.62 and HIOSH 12-148.1.

Based on this lead-containing paint survey, laboratory results indicated that various painted components of the portables 25 and 26 contained lead. Table 2 lists the results.

TABLE 2
LEAD-CONTAINING PAINT SAMPLE RESULTS

Sample Number	Sample Location	Sample Description	Condition	Lead Percent
L-01	Portable 25, front exterior wooden wall	Brown/green	Good	0.1900
L-02	Portable 25, left (facing the front of the portable) exterior wooden wall	Brown/green	Good	0.1100
L-03	Portable 25, front left wooden stairs	Dark brown	Fair	BDL
L-04	Portable 25, front right wooden stairs	Dark brown	Fair	BDL
L-05	Portable 25, front right wooden door	Reddish brown	Good	BDL
L-06	Portable 25, composite sample, all four interior wooden walls	Off-white	Good	0.2900
L-07	Portable 26, right exterior wooden wall	Brown/green	Good	0.0200
L-08	Portable 26, rear exterior wooden wall	Brown/green	Good	0.0370
L-09	Portable 26, composite sample, front left and right wooden stairs	Dark brown	Fair	BDL
L-10	Portable 26, front left wooden door	Reddish brown	Good	BDL
L-11	Portable 26, composite sample, all four interior wooden walls	Off-white	Good	0.0600

* BDL: BELOW THE DETECTION LIMIT

5.3 TCLP - Lead

A representative sample of the demolished lead containing painted building components must be collected prior to disposal and analyzed via TCLP to determine if the material meet the definition of a RCRA-regulated hazardous waste per 40 CFR Part 261. If the laboratory analytical result is less than 5 mg/L for lead, the lead containing painted building components may be disposed of as general construction debris at a landfill that will accept such waste. If the laboratory analytical result exceeds 5 mg/L, the entire lead containing painted building components must be disposed of as a RCRA-regulated hazardous waste. Metal or steel building components are exempt from TCLP requirements if recycled.

Table 3 lists the TCLP - lead bulk sampling result. The laboratory results indicate that the TCLP-lead level in the representative core building component sample was less than 5.0 mg/L. The laboratory reports are included as Appendix II.

6.0 DISCUSSION

6.1 Asbestos

If any future renovation or demolition activity is likely to disturb the asbestos containing material as to dislodge, break up or render it friable (e.g., sanding, grinding, cutting, abrading, etc.), the material must be removed and disposed by a qualified asbestos abatement contractor. In addition, the services of a qualified consultant should be obtained to monitor and inspect the removal activities to ensure compliance with applicable EPA, OSHA, and HIOSH regulations pertaining to the handling of asbestos containing material.

6.2 Lead-Containing Paint

The OSHA and HIOSH lead standard requirements may need to be applied, when paint containing lead is encountered during renovation or demolition activities. Specifically, such activities may need to be performed in compliance with 29 CFR 1926.62 and HIOSH 12-148.1. Some of the components of 29 CFR 1926.62 and HIOSH 12-148.1 are:

- ◆ Exposure assessment via personal air monitoring;
- ◆ Lead awareness training;
- ◆ Medical surveillance;
- ◆ Hazard communication;
- ◆ Respiratory protection; and
- ◆ Personal protective clothing

6.3 TCLP - Lead

The representative composite core building component samples did not meet the RCRA-definition of hazardous waste. Thus, demolished debris from the Portables 25 and 26 may be disposed of as general construction debris at a landfill that will accept such waste.

6.4 Polychlorinated Biphenyl (PCB) Containing Light Ballasts and Mercury Containing Lamps

Fluorescent lamps containing mercury should be removed by a qualified hazardous material abatement contractor and recycled.

TABLE 3
TCLP - LEAD BULK-SAMPLE RESULT

Sample Number	Sample Description and Location	RCRP Regulatory Limit (mg/L)	Lead (mg/L)
TCLP-01	A representative core composite sample of exterior and interior painted building components collected from Portables 25 and 26.	5.0	< 0.5

5.4 Polychlorinated Biphenyl (PCB) Containing Light Ballasts and Mercury Containing Lamps

Various light fixtures were observed throughout Portable 25 and 26 classrooms. All the inspected light fixtures contained ballasts with "No PCB" labels, however, it was assumed that all the lamps contain small amounts of mercury vapor. Table 4 summarizes the results.

TABLE 4
PCB LIGHT BALLASTS AND MERCURY CONTAINING LAMP SURVEY RESULTS

Location	Total Number of Light Fixtures (LFs)	Total Number of Mercury Containing Lamps	Total Number of PCB-Containing Ballasts
Portable 25	Twenty LFs with (C) 4" lamps and (1) ballast	40	0
Portable 26	Sixteen LFs with (F) 4" lamps and (1) ballast	64	0

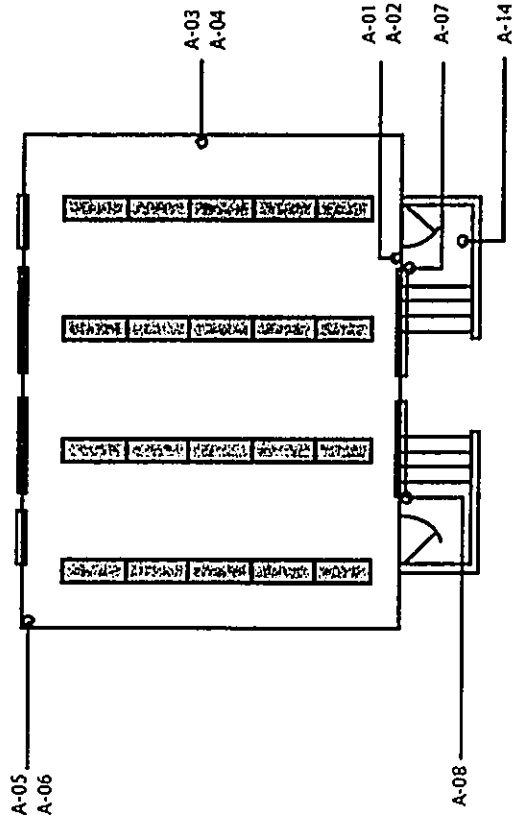
7.0 REFERENCES

- Code of Federal Regulations. Occupational Safety and Health Standards. Title 29, Part 1910 (1910.1000 TO END). Washington DC. US Government Printing Office, 1996
- Code of Federal Regulations. Occupational Safety and Health Standards. Title 29, Part 1926.62. Washington DC. US Government Printing Office, 1986.
- Code of Federal Regulations. National Emission Standard for Hazardous Air Pollutants (NESHAP), Asbestos Regulations. Title 40, Part 61, Subpart M. Washington DC. US Government Printing Office, July 1991.
- US Department of Housing and Urban Development. Guidance for the Evaluation and Control of Lead-Based Paint Hazards in Housing 1992.

Appendix I

SAMPLE LOCATION DIAGRAMS

P-25



LEGEND

- - asbestos content < 1%
- - asbestos content > 1%

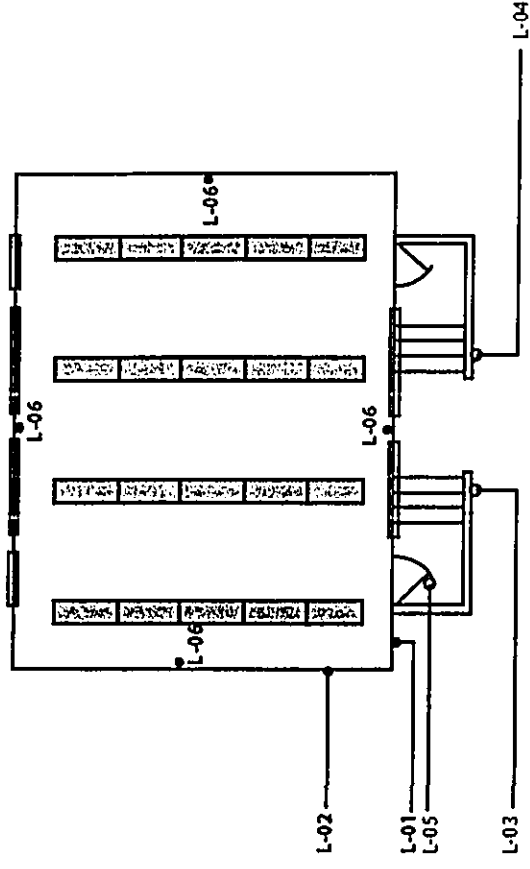
Asbestos Bulk Sample Locations

Portable 25
Waipahu High School



KIMURA INTERNATIONAL, INC.

P-25



LEGEND

- - lead concentrations below laboratory reporting limits
- - contains lead above the laboratory reporting limits

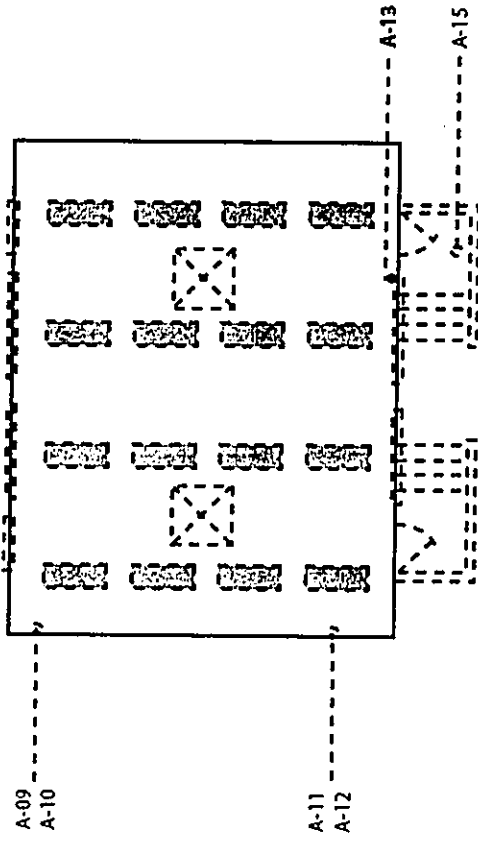
Paint Chip Sample Locations

Portable 25
Waipahu High School



KIMURA INTERNATIONAL, INC.

P-26

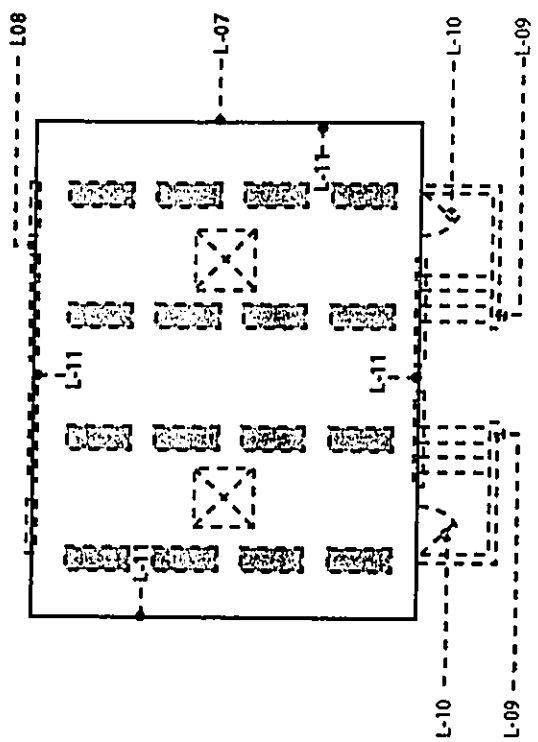


- LEGEND**
- - - - -
 - = asbestos content < 1%
 - = asbestos content > 1%

Asbestos Bulk Sample Locations
 Portable 26
 Waipahu High School



P-26



- LEGEND**
- - - - -
 - = lead concentrations below laboratory reporting limits
 - = contains lead above the laboratory reporting limits

Paint Chip Sample Locations
 Portable 26
 Waipahu High School



Appendix II

PHOTOGRAPHIC DOCUMENTATION

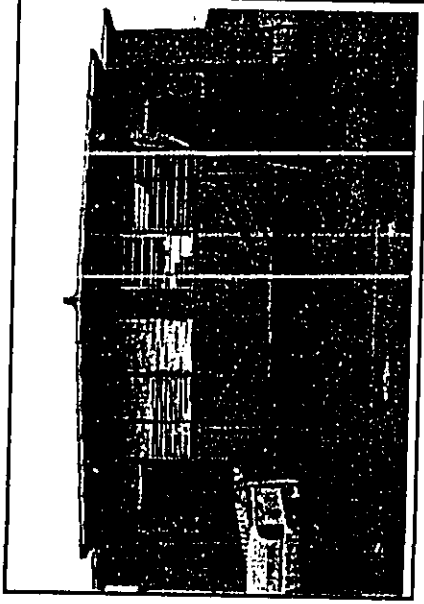


Photo 1:
Portable 25 - lead containing exterior
painted brown wooden wall
Front view

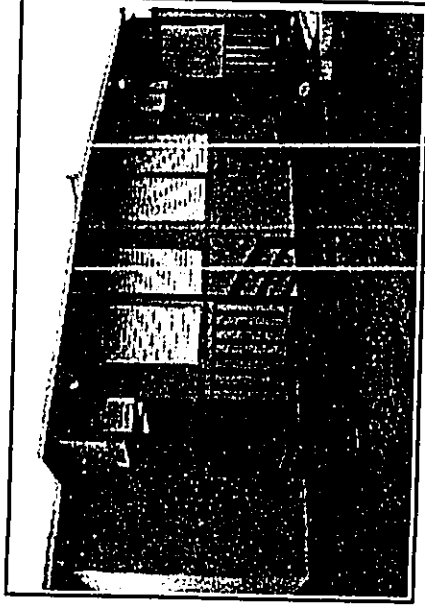


Photo 2:
Portable 26 - lead containing exterior
painted brown wooden wall
Front view





Photo 3:
Portable 25 - lead containing interior
painted off-white wooden walls and ceiling; and
light fixtures with mercury containing fluorescent lamps



Photo 4:
Portable 26 - lead containing interior
painted off-white wooden walls and ceiling; and
light fixtures with mercury containing fluorescent lamps

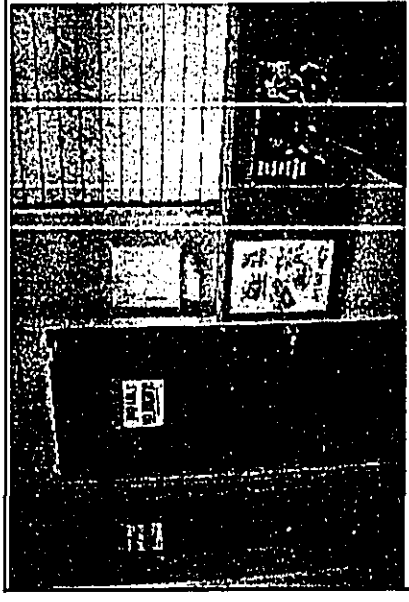


Photo 5:
Portable 26 - asbestos containing window caulking
material
Front window frame

PHOTOGRAPHIC DOCUMENTATION
Portables 25 and 26 - Waipahu High School



PHOTOGRAPHIC DOCUMENTATION
Portables 25 and 26 - Waipahu High School



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NVL Laboratories, Inc.
 4700 Aurora Ave. N., Seattle, WA 98103
 Tel: 206.547.0100, Fax: 206.534.1936
 www.nvlabs.com

Bulk Asbestos Fibers Analysis
 By Polarized Light Microscopy

Client: Kimura International, Inc.
 Address: 1600 Kapiolani Blvd, Suite 1810
 Honolulu, HI 96817
 Attention: Mr. David Leigh
 Project Location: Waipaha High Portable 25 and 26

Batch #: 2315131.00
 Client Project #: 031003
 Samples Received: 15
 Samples Analyzed: 15
 Method: EPA/500R-93/116

Appendix III
 LABORATORY ANALYSIS AND CHAIN-OF-CUSTODY
 ASBESTOS

Lab ID	Description	Client Sample #	Other Fibrous Materials: Cellulose %	Asbestos Type: %
23093652	Ten vinyl tile Non-Fibrous Materials: Vinylbinder	A-01	1%	None Detected ND
23093653	Yellow mastic Non-Fibrous Materials: Masticbinder	A-02	4%	None Detected ND
23093654	Brown rubbery material Non-Fibrous Materials: Rubberbinder	A-03	1%	None Detected ND
23093655	Yellow mastic Non-Fibrous Materials: Masticbinder	A-04	4%	None Detected ND
23093656	Tan vinyl tile Non-Fibrous Materials: Vinylbinder	A-05	1%	None Detected ND
23093657	Yellow mastic Non-Fibrous Materials: Masticbinder	A-06	4%	None Detected ND
23093658	Brown rubbery material Non-Fibrous Materials: Rubberbinder	A-07	1%	None Detected ND
23093659	Yellow mastic Non-Fibrous Materials: Masticbinder	A-08	5%	None Detected ND

Sampled by: Client
 Analyzed by: Wei Long Tai
 Date: 11/18/2003

DRAFT

Note: If samples are not homogeneous, then subsamples of the composite were analyzed. All test results are reported using EPA 8082-01-18 method with the following measurement uncertainties as stated by Andrew J. Anderson (1%-5%, 5%-10%, 10%-15%, 15%-20%, 20%-30%, 30%-40%, 40%-50%, 50%-60%, 60%-70%, 70%-80%, 80%-90%, 90%-95%, 95%-100%). This report reflects only the test method used and does not represent the accuracy of the results as limited by the methodology and study of the sample. The report shall not be reproduced outside the U.S. without written approval of NVL Laboratories, Inc. It shall not be used to claim product endorsement by NPLAD or any other agency of the US Government.

NVL Laboratories, Inc.
 4708 Aurora Ave. N., Seattle, WA 98103
 Tel: 206.547.0100, Fax: 206.534.1936
 www.nvlabs.com

Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: Kimura International, Inc.
 Address: 1000 Kapiolani Blvd, Suite 1610
 Honolulu, HI 96817
 Attention: Mr. David Leigh
 Project Location: Waipaha High Portable 25 and 26
 Lab ID: 23093655 Client Sample #: A-05
 Location: Waipaha High Portable 25 and 26
 Layer 1 of 2 Description: Tan vinyl tile

Batch #: 2315131.00
 Client Project #: 031003
 Samples Received: 15
 Samples Analyzed: 15
 Method: EPA/800R-93/116

Layer 2 of 2 Description: Yellow mastic
 Non-Fibrous Materials: Vinyl/Andie
 Other Fibrous Materials: Cellulose 1%
 Asbestos Type: %
 None Detected ND

Layer 1 of 2 Description: Brown rubbery material
 Non-Fibrous Materials: Mastichbnder
 Other Fibrous Materials: Cellulose 4%
 Asbestos Type: %
 None Detected ND

Layer 2 of 2 Description: White mastic
 Non-Fibrous Materials: Mastichbnder
 Other Fibrous Materials: Cellulose 1%
 Asbestos Type: %
 None Detected ND

Layer 1 of 1 Description: Gray soft material
 Non-Fibrous Materials: Mastichbnder
 Other Fibrous Materials: Cellulose 3%
 Asbestos Type: %
 None Detected ND

Layer 1 of 1 Description: Gray soft material
 Non-Fibrous Materials: Binder/Film
 Other Fibrous Materials: Polyethylene fibers 7%
 Asbestos Type: %
 None Detected ND

Layer 1 of 2 Description: Tan vinyl tile
 Non-Fibrous Materials: Vinylbnder
 Other Fibrous Materials: Polyethylene fibers 7%
 Asbestos Type: %
 None Detected ND

Layer 1 of 2 Description: Tan vinyl tile
 Non-Fibrous Materials: Vinylbnder
 Other Fibrous Materials: Cellulose 2%
 Asbestos Type: %
 None Detected ND

Sampled by: Client
 Analyzed by: Wei Long Tai
 Date: 11/18/2003

DRAFT

Note: If samples are not homogeneous, then subsamples of the components were analyzed separately. All data reports are analyzed using EPA 800R-93/116 method with the following measurement uncertainties for the reported % Asbestos (1%±0.2%, 5%±1.0%, 10%±1.5%, 20%±1.8%, 50%±2.0%, 100%±2.0%). This report makes only the best estimate. If samples were not collected by NVL personnel, then the accuracy of the results is limited by the methodology and quality of the sample collector. This report shall not be reproduced, stored in a retrieval system, or transmitted in any form or by any means, without the prior written product endorsement by NVLAP or any other agency of the US Government.

NVL Laboratories, Inc.
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 www.nvlabs.com

Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: Kimura International, Inc.
 Address: 1000 Kapiolani Blvd, Suite 1610
 Honolulu, HI 96817
 Attention: Mr. David Leigh
 Project Location: Waipaha High Portable 25 and 26
 Lab ID: 23093661 Client Sample #: A-10
 Location: Waipaha High Portable 25 and 26
 Layer 1 of 2 Description: Brown rubbery material
 Layer 2 of 2 Description: Yellow mastic

Batch #: 2315131.00
 Client Project #: 031003
 Samples Received: 15
 Samples Analyzed: 15
 Method: EPA/800R-93/116

Layer 1 of 2 Description: Brown rubbery material
 Non-Fibrous Materials: Rubberbnder
 Other Fibrous Materials: Cellulose 5%
 Asbestos Type: %
 None Detected ND

Layer 2 of 2 Description: Yellow mastic
 Non-Fibrous Materials: Mastichbnder
 Other Fibrous Materials: Cellulose 5%
 Asbestos Type: %
 None Detected ND

Layer 1 of 2 Description: Tan vinyl tile
 Non-Fibrous Materials: Vinylbnder
 Other Fibrous Materials: Cellulose 1%
 Asbestos Type: %
 None Detected ND

Layer 2 of 2 Description: Yellow mastic
 Non-Fibrous Materials: Mastichbnder
 Other Fibrous Materials: Cellulose 5%
 Asbestos Type: %
 None Detected ND

Layer 1 of 2 Description: Brown rubbery material
 Non-Fibrous Materials: Rubberbnder
 Other Fibrous Materials: Cellulose 1%
 Asbestos Type: %
 None Detected ND

Layer 2 of 2 Description: Yellow mastic
 Non-Fibrous Materials: Mastichbnder
 Other Fibrous Materials: Cellulose 4%
 Asbestos Type: %
 None Detected ND

Layer 1 of 2 Description: White soft material with paint
 Non-Fibrous Materials: Binder/Film, Paint
 Other Fibrous Materials: Cellulose 1%
 Asbestos Type: %
 None Detected ND

Sampled by: Client
 Analyzed by: Wei Long Tai
 Date: 11/18/2003

DRAFT

Note: If samples are not homogeneous, then subsamples of the components were analyzed separately. All data reports are analyzed using EPA 800R-93/116 method with the following measurement uncertainties for the reported % Asbestos (1%±0.2%, 5%±1.0%, 10%±1.5%, 20%±1.8%, 50%±2.0%, 100%±2.0%). This report makes only the best estimate. If samples were not collected by NVL personnel, then the accuracy of the results is limited by the methodology and quality of the sample collector. This report shall not be reproduced, stored in a retrieval system, or transmitted in any form or by any means, without the prior written product endorsement by NVLAP or any other agency of the US Government.

Kimura International, Inc.

BATCH ID
2315131.00
DULK SAMPLE DATA
Page 1/2

SAMPLE DATE		TURNAROUND TIME REQUIRED:				ANALYSIS		
11/12/03		48 hr				P/M		
JOB NO.		JOB NAME:						
031003		Waipahu High portables 25 and 26						
Sample ID	Building	Floor	Room	Matrix	Color	Description	FS#	HM#
A-01	P-25	1	P-25		Blue	12x12" F.T. w/ slant pattern/ yellow glue.		
A-02	//	//	//		Black	Base coat w/ yellow glue.		
A-03	//	//	//		Beige	12x12" F.T. w/ slant pattern/ yellow glue.		
A-04	//	//	//		Black	Base coat w/ yellow glue.		
A-05	//	//	//		Beige	12x12" F.T. w/ slant pattern/ yellow glue.		
A-06	//	//	//		Black	Base coat w/ yellow glue.		
A-07	//	//	//		White	window caulking material		
A-08	//	//	//		White	window caulking material		
A-09	P-26	1	P-26		Beige	12x12" F.T. w/ slant pattern/ yellow glue.		
A-10	//	//	//		Black	Base coat w/ yellow glue.		
A-11	//	//	//		Beige	12x12" F.T. w/ slant pattern/ yellow glue.		
A-12	//	//	//		Black	Base coat w/ yellow glue.		

Sampled By: D.L. Date/Time: 11/12/03
 Reinspected By: D.L. Date/Time: 11/17/03 Received By: [Signature] Date/Time: 11-17-03
 Shipped Via: _____ Airtel No.: _____ Date/Time: _____

1800 Kapiolani Blvd, Suite 1810 Honolulu, HI 96817, Phone (808) 944-8848 Fax (808) 941-8779

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 4708 Auaua Ave. N., Seattle, WA 98103
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Client: Kimura International, Inc.
 Address: 1600 Kapiolani Blvd, Suite 1810
 Honolulu, HI 96817
 Attention: Mr. David Leigh
 Project Location: Waipahu High Portables 25 and 26

Batch #: 2315131.00
 Client Project #: 031003
 Samples Received: 15
 Samples Analyzed: 15
 Method: EPA8000-9/3/18

By Polaroid Light Microscopy

Layer 2 of 2 Description: Gray soft material
 Non-Fibrous Materials: Binder/Fiber
 Other Fibrous Materials: Cellulose 5%
 Asbestos Type: % Chrysotile 2%

Lab ID: 21093665 Client Sample #: A-14
 Location: Waipahu High Portables 25 and 26
 Layer 1 of 1 Description: Black asphaltic fibrous material with granules with paint
 Non-Fibrous Materials: Other Fibrous Materials: %
 Asbestos Type: % None Detected ND

Lab ID: 21093666 Client Sample #: A-15
 Location: Waipahu High Portables 25 and 26
 Layer 1 of 1 Description: Black asphaltic fibrous material with granules with paint
 Non-Fibrous Materials: Other Fibrous Materials: %
 Asbestos Type: % None Detected ND

Sampled by: Client
 Analyzed by: Wei Long Tai
 Date: 11/10/2003

DRAFT

Note: If service is not homogeneous, these subsamples of the composite were analyzed separately. All test samples are analyzed using EPA 8000-9/3/18. Method with the following measurement uncertainties for the test by Asbestos (100-25%, 100-10%, 100-10-50%, 20%-10-50%, 30%-10-50%). The report reflects only the test results. All test results were verified by NAL Laboratory. From the accuracy of the results is limited by the methodology and accuracy of the analytical methods used. All test results shall not be reproduced without the written approval of NVL Laboratories, Inc. It shall not be used to claim product compliance by NAL or any other agency of the US Government.

NOV 18 2003 3:28PM HP LASERJET 3200 P.3

Appendix IV
LABORATORY ANALYSIS AND CHAIN-OF-CUSTODY LEAD

HAZARDOUS MATERIALS SURVEY REPORT
 PORTABLES 25 AND 26
 01-DEC-03
 APPENDICES

Kimura International, Inc.

BATCH ID
2315131.00
 Page 2 of 2

SAMPLE DATE: 11/12/03		TURNAROUND TIME REQUIRED: 42 hrs.				ANALYSIS:		
JOB NO. 021003		JOB NAME: Waipahu High portables 25 and 26						
Sample ID	Building	Floor	Room	Matrix	Color	Description	FS#	HMO
A-13	P-26	1	P-26		whitish	window caulking material		
A-14	P-25	1007	P-25		black	roofing felt		
A-15	P-26	11	P-26		black	roofing felt		

Sampled By: DL Date/Time: 11/12/03
 Relinquished By: DL Date/Time: 11/17/03 Received By: [Signature] Date/Time: 11-17-03
 Shipped Via: _____ Airbill No.: _____ Date/Time: _____

NVL Laboratories, Inc.
 4708 Aurora Ave. N., Seattle, WA 98103
 Tel: 206.547.0100, Fax: 206.634.1008
 www.nvlabs.com

ANALYSIS REPORT

AWA - RI
 #101061

Client: Kimura International, Inc.
 Address: 1600 Kapaeha Blvd Suite 1610
 Honolulu, HI 96817
 Attention: Mr. David Leigh
 Project Location: Waipahu High Portables 25 and 26

Batch #: 2315130.00
 Matrix: Paint Chips
 Method: EPA 7000B
 Client Project # 031003
 Samples Received: 11
 Total Samples Analyzed: 11

Lab ID	Client Sample #	Sample Wt (g)	RL in mg/Kg	Results in mg/Kg	Results in percent
23093641	L-1	0.2009	50.0	1900.0	0.1900
23093642	L-2	0.2067	48.0	1100.0	0.1100
23093643	L-3	0.2049	49.0	< 49.0	< 0.0049
23093644	L-4	0.1273	79.0	< 79.0	< 0.0079
23093645	L-5	0.2038	49.0	< 49.0	< 0.0049
23093646	L-6	0.2094	48.0	2900.0	0.2900
23093647	L-7	0.2130	47.0	200.0	0.0200
23093648	L-8	0.2155	46.0	370.0	0.0370
23093649	L-9	0.1531	65.0	< 65.0	< 0.0065
23093650	L-10	0.2047	49.0	< 49.0	< 0.0049
23093651	L-11	0.2030	49.0	600.0	0.0600

DRAFT

Sampled by: Client
 Analyzed by: Holy Turtle
 Date: 11/19/2003

mg/Kg = Milligrams per kilogram
 Percent = Milligrams per kilogram / 10000
 Note: Method QC results are acceptable unless stated otherwise
 Bench Run No 23-1116-6

RL = Reporting Limit
 < = Below the reporting limit

Page 1 of 1

SAMPLE DATE	TURNAROUND TIME REQUIRED	ANALYSIS						
11/12/03	48 hrs	total lead						
JOB NO.	JOB NAME							
031003	Waipahu High Portables 25 and 26							
Sample ID	Building	Floor	Room	Matrix	Color	Description	FS#	HM#
L-1	P-25	1	P-25		Brown	ext. wooden wall		
L-02	"	"	"		Brown	" " "		
L-03	"	"	"		dk Brown	wooden stairs		
L-04	"	"	"		dk Brown	" " "		
L-05	"	"	"		reddish	ext. wooden door		
L-06	"	"	"		off white	int wooden walls		
L-07	P-26	1	P-26		gray/green	ext wooden walls		
L-08	P-11	1	"		Brown/green	" " "		
L-09	"	"	"		dark brown	wooden stairs		
L-10	"	"	"		reddish brown	ext wooden door		
L-11	"	"	"		off white	int wooden walls		

Sampled By: DL Date/Time: 11/12/03
 Relinquished By: P.L. Date/Time: 11/13/03 Received By: [Signature] Date/Time: 11/13/03
 Shipped Via: _____ Airbill No: _____ Date/Time: _____

1600 Kapaeha Blvd Suite 1610 Honolulu, HI 96817 Phone (808) 944-8348 Fax (808) 941-8999


20-19-2003

NOV-19-2003 09:36 MAL LABS 206521936 P.03

NML Laboratories, Inc.
 4705 Aurora Ave. N., Seattle, WA 98103
 Tel: 206 547-0100, Fax: 206 634-1936
 www.nmlabs.com

Analysis Report
 Lead (Pb) TCLP

AURA - IH
 #101881



Client: Kumura International, Inc
 Address: 1600 Kapiolani Blvd, Suite 1610
 Honolulu, HI 96817
 Attendant: Mr. David Leigh
 Project Location: Waipahu High Portables 25 and 26

Batch #: 2315132.00
 Matrix: Bulk
 Method: EPA 13117000B
 Client Project # 031004
 Samples Received: 1
 Total Samples Analyzed: 1

Lab ID	Client Sample #	RL mg/L	Results in mg/L	Results in ppm
23093867	TCLP-01	0.5	< 0.5	< 0.5

Appendix V

**LABORATORY ANALYSIS AND CHAIN-OF-CUSTODY
 TCLP - LEAD**

Sampled by: Client
 Analyzed by: Holly Tuttle
 Date: 11/19/2003

DRAFT

mg/L - Micrograms per liter
 ppm = parts per million

Note: Method QC results are acceptable unless stated otherwise.
 Bench Run No. 23-1116-7

RL = Reporting Limit
 < = Below the reporting limit

Page 1 of 1

Kimura International, Inc.

BULK SAMPLE DATA

Page: _____

SAMPLE DATE: 11/12/07		TURNAROUND TIME REQUIRED: 4.2 hrs			ANALYSIS: TCLP - Lead				
JOB NO. 031004		JOB NAME: Waipahu High Pollables 25 and 26							
Sample ID	Building	Floor	Room	Matrix	Color	Description	FS#	HM#	
1	TCLP-01	A251A26	1			Composite sample of various painted compounds			
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									

BATCH ID
2315132.00

Sampled By: DL Date/Time: 11/12/07
 Relinquished By: DL Date/Time: 11/17/07 Received By: [Signature] Date/Time: 11-17-07
 Shipped Via: _____ Airbill No.: _____ Date/Time: _____

TOTAL P.02

NOV-15-2003 09:38 N.L. LABS 2065341936 P.03/03