

JOHN WAIHEE  
GOVERNOR



STATE OF HAWAII RECEIVED  
DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES  
DIVISION OF PUBLIC WORKS

P. O. BOX 119, HONOLULU, HAWAII 96810 AGO 26 A11:43

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LETTER NO. (P)1892.1

AUG 23 1994  
DEC. OF ENVIRONMENTAL  
QUALITY CONTROL

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

Dear Mr. Choy:

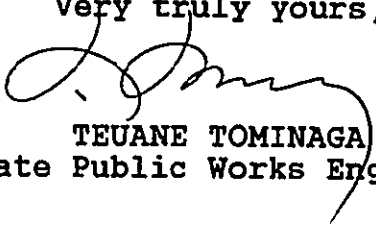
Subject: Proposed Mililani Mauka Elementary School

Attached for your appropriate action are the following:

1. OEQC Form for Publication of EIS Documents in the OEQC Bulletin.
2. Four copies of the Negative Declaration.

If there are any questions, please have your staff call Mr. Gordon Sam of the Planning Branch at 548-3921.

Very truly yours,

  
TEUANE TOMINAGA  
State Public Works Engineer

GS:bk  
Attachments

145

1991-09-08-0A FEA

**FILE COPY**

ENVIRONMENTAL ASSESSMENT & NEGATIVE DECLARATION  
**PROPOSED MILILANI MAUKA ELEMENTARY SCHOOL\***

TMK: 9-5-01: 11 and 16; 9-5-02: 1 and 17  
Mililani, Oahu, State of Hawaii  
August, 1991

prepared for:  
DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES  
State of Hawaii  
and the  
DEPARTMENT OF EDUCATION  
State of Hawaii

prepared by:  
HIDA, OKAMOTO & ASSOCIATES, INC.  
The Commerce Tower  
Suite 915  
1440 Kapiolani Boulevard  
Honolulu, Hawaii 96814

August, 1991

**ENVIRONMENTAL ASSESSMENT & NOTICE OF NEGATIVE DECLARATION**

**PROPOSED MILILANI MAUKA ELEMENTARY SCHOOL**

TMK: 9-5-01: 11 and 16; TMK 9-5-02: 1 and 17

Mililani, Oahu, State of Hawaii

August, 1991

**I. INTRODUCTION.**

This Environmental Assessment/Notice of Negative Declaration for a proposed elementary school to be located within the developing Mililani Mauka Planned Community is prepared and submitted according to the applicable provisions of Chaps. 341 and 343, Hawaii Revised Statutes and Chap. 200, Title 11, Department of Health Administrative Rules, State of Hawaii. Its preparation is required under Sec. 334-5, Hawaii Revised Statutes, because the proposed project requires the use of State funds.

**II. PROJECT BACKGROUND.**

The proposed elementary school, which will be constructed and operated as part of the State Department of Education (DOE) school system, is part of Castle & Cooke, Inc.'s Master Land Use Plan for the 1,200-acre Mililani Mauka Planned Community that is shown in attached Exhibit "A." The location of the school site is shown in Exhibit "A".

In 1985 Castle & Cooke, Inc., sought and obtained approval from the State Land Use Commission to reclassify the 1,200-acre Mililani Mauka project site from the "Agriculture" to the "Urban" State Land Use District. In 1988, Castle & Cooke, Inc., sought City approval of its request to redesignate the 1,200 acres from "Agriculture Use" to the various urban uses shown in its Master Land Use Plan on the Central Oahu Development Plan Land Use Map. This request included the subject proposed elementary school.

The City approved redesignation of 745 acres of the Mililani Mauka Master Land Use Plan to various urban uses, including the designation of the project site for Public Facility Use to accommodate the proposed new school elementary school which is the subject of this environmental assessment.

As part of its Development Plan application requirement, Castle & Cooke, Inc., was required to prepare and submit an environmental impact statement to the City Department of General Planning for review and acceptance according to Chap. 343, Hawaii Revised



Statutes. It is entitled **Final Environmental Impact Statement, Mililani Mauka Residential Community**, Feb. 1987, prepared by Helber, Hastert, Van Horn and Kimura (hereinafter "Final Mauka EIS").

The Final Mauka EIS, prepared in, and accepted by the City in 1987, addressed the environmental impacts of the various proposed urban uses for Mililani Mauka, including the proposed elementary school.

In responding to comments on the proposed elementary school sent to all public agencies for purposes of this environmental assessment/negative declaration report, the City Department of General Planning wrote:

"In response to your letter dated July 10, 1991, the site of the proposed elementary school is designated Public/Quasi-public on the Central Oahu Development Plan Public Facilities Map. In addition, the elementary school is identified on the Central Oahu Development Plan Public Facilities Map as an integral component of the first phase of the Mililani Mauka project.

"A **Final Environmental Impact Statement for the Mililani Mauka project (phases I and II), including the proposed elementary school, was accepted in 1987.**" (Emphasis added.)

According to Sec. 11-200-13(a), DOH Administrative Rules, the relevant findings and determinations of the Final Mauka EIS are hereby incorporated by reference as part of this Environmental Assessment/Negative Declaration ("EA/Neg.Dec."). Many of these findings and determinations concerning impacts and corresponding mitigation measures of the proposed elementary school are presented in this report.

### III. ESSENTIAL INFORMATION.

In accordance with the guidelines of the State Office of Environment Quality Control for the preparation of environmental assessments and negative declarations, the following essential information about the proposed Mililani Mauka Elementary School is presented

#### A. Proposing Agency:

State Department of Accounting and General Services for the State Department of Education.

B. Approving Agency: Not applicable

C. Agencies Consulted:

Appendix I presents a list the agencies and organizations contacted for comments on the proposed project; copies of their comments received as of the date of this report; copies of responses to those comments sent to the agencies; and copies of initial Environmental Assessment inquiries sent to these agencies.

To date, only technical comments from several City agencies regarding construction details and requirements applicable to the proposed school have been received. To date, all other agencies responded with a "no comment" response to the proposed elementary school as shown in Exhibits "A" and "B" herein.

D. Description of Project's Characteristics:

1. **Technical Characteristics:**

a. Project Site Plan:

Exhibit "B" shows the Ultimate Site Plan for the proposed school which includes the proposed layout of buildings, open space, walkways, on-site parking area and number of parking stalls, approximately area of the project site (9.317 acres), project setbacks from adjacent roadways, approximate location and building configuration of each building complex within the school site, location of a proposed play field for the school and other design details of the elementary school.

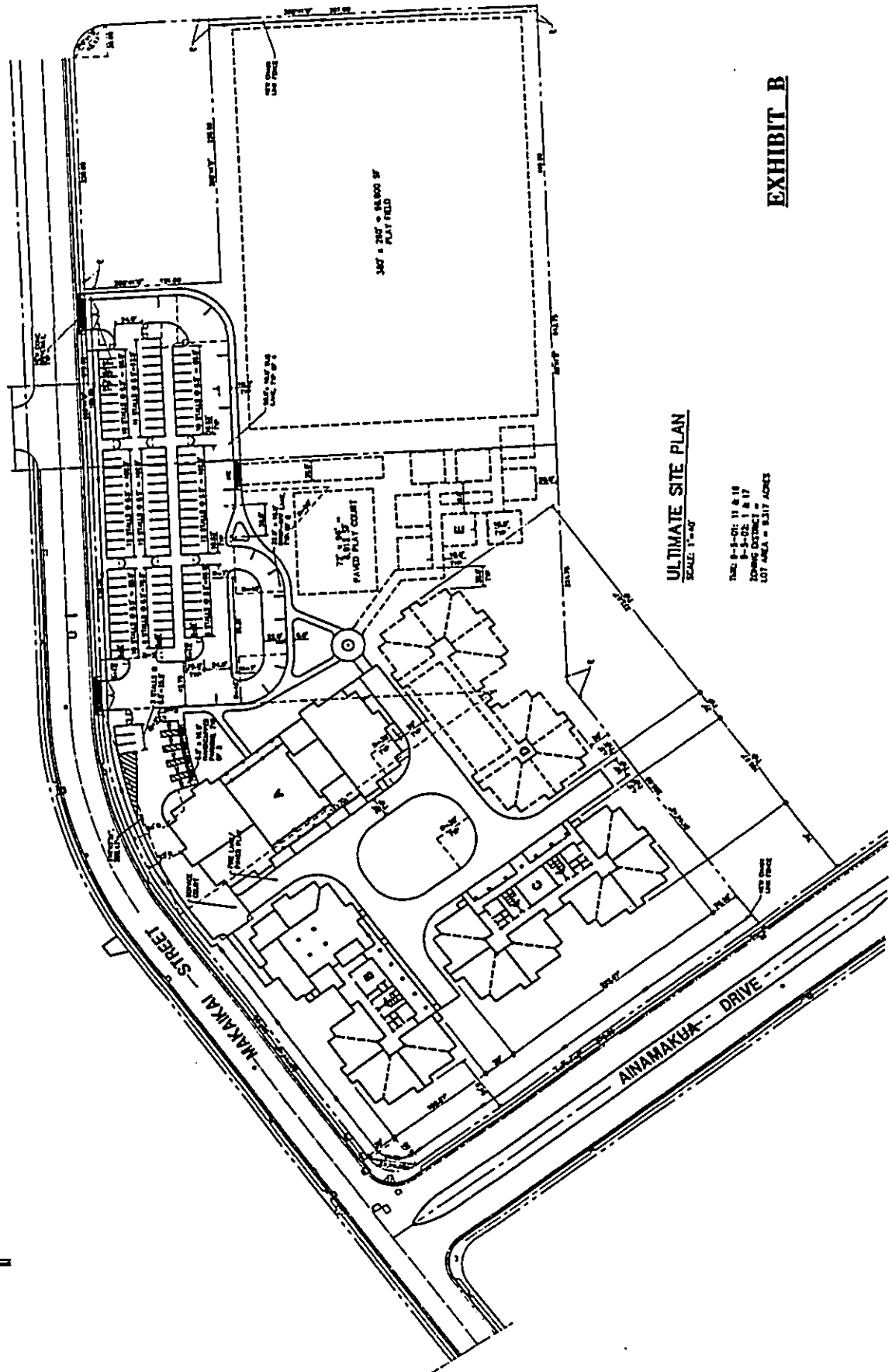
The school will be constructed in three phases as shown in Exhibit "B":

Phase I:

**Building Complex A:** School Administration Building and Cafetorium/Multipurpose Center.

**Building Complex B:** Library/Computer Resource Center and General Classrooms Building.

**Building Complex C:** Building containing 10 general classrooms and 3 special education classrooms.

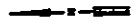


**EXHIBIT B**

ULTIMATE SITE PLAN  
SCALE: 1"=40'

TAK: 8-4-02: 11 & 19  
10-1-02: 11 & 17  
ZONING DISTRICT: 117  
LOT AREA: 8,317 ACRES

DATE: 11/15/02



Phase III:

**Building Complex D:** Twelve (12) classrooms and special education classroom.

As shown in the Site Plan, portable classrooms will also be built and located within the proposed school at some undetermined date in the future.

Although no elevation drawings of the proposed school are provided in this report, school structures, except for a two-story structure, in Building Complex "D", will be single-story structures.

In reviewing the project's site plan (as shown in Exhibit "B"), several City agencies identified a number of construction details to be addressed or accommodated as the proposed school is built. During construction of the elementary school, these details will address or accommodated:

City Board of Water Supply:

1. Off-site water facilities must be completed before water meters for the school can be issued.
2. The availability of water for the school will be confirmed when the building permit application for the facility is submitted to the Board for review and approval.
3. If a three-inch or larger water meter is required, construction drawings showing the meter should be submitted to the Board for review and approval.
4. On-site fire protection requirements should be coordinated with the Fire Prevention Bureau of the Honolulu Fire Department.
5. The school will be subject to the Board's cross-connection requirements prior to issuance of the building permit.

City Department of Transportation Services:

1. All vehicular access points should be constructed as standard City dropped driveways.
2. Driveway grade should not exceed 5 percent for a minimum distance of 35 feet from the curb line.



5. The school will be subject to the Board's cross-connection requirements prior to issuance of the building permit.

City Department of Transportation Services:

1. All vehicular access points should be constructed as standard City dropped driveways.
2. Driveway grade should not exceed 5 percent for a minimum distance of 35 feet from the curb line.
3. Location of the school driveway should be aligned directly across the future Unit 112 roadway.
4. Adequate site distance should be provided at all driveway locations. Landscaping should not interfere with sight lines.
5. Construction plans should be submitted to the Department for review.

Honolulu Fire Department:

Fire protection services provided from Mililani and Wahiawa engine companies with ladder service from Waiiau are adequate. The new Mililani-Mauka Fire Station is being planned for occupancy in fiscal year 1994-95.

Access for fire apparatus, water supply and building construction shall conform to existing codes and standards.

[Note: The new Mililani-Mauka Fire Station will be located next to the proposed school as shown in Exhibit "A".]

Honolulu Police Department:

Large increases in population in the Mililani Mauka area will tax the police manpower at the Wahiawa Station which was completed in 1983. While long-range plans might include possible substations in District 2, no approvals of such plans are expected soon. Traffic problems and their safety aspects should be considered in further planning for the school, such as safe drop-off and pick-up zones, crossing guards, and environmental design promoting safety.

State Department of Transportation:

The Mililani Mauka developer should implement the required roadway mitigation measures according to the project construction schedule as mentioned in the Mililani Mauka Traffic Impact Study dated January 1989.

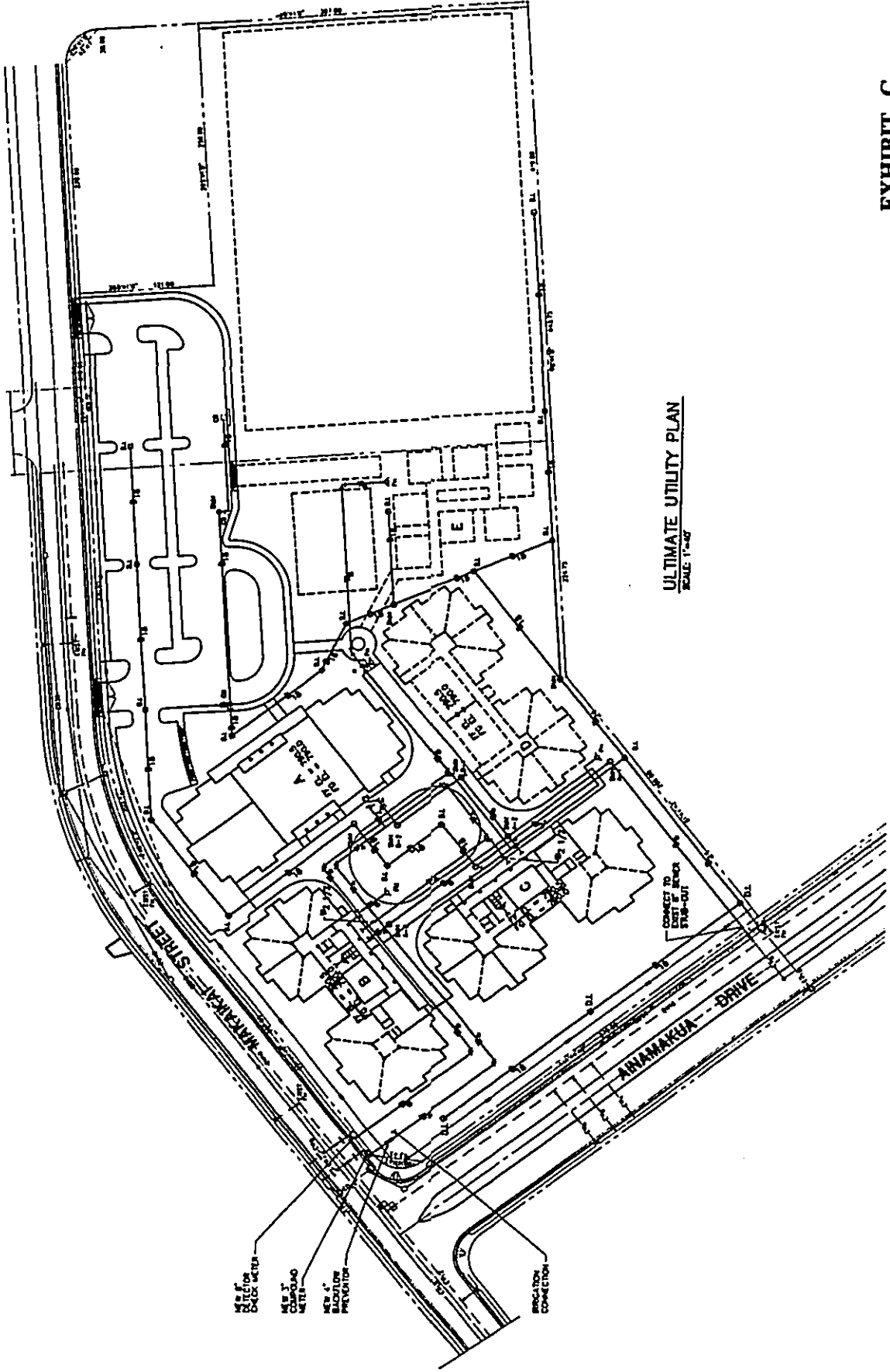
A 4-foot high perimeter chain link fence will be installed along the property frontage along Ainamakua Drive and Makaikai Street and the eastern property boundary at the play field. Cattle gates will be provided at the two driveways entrances at Makaikai Street. It is assumed that there will be similar perimeter fencing around the proposed Fire Station and the adjoining housing project along the southeastern property boundary designated as Unit MF-101 of the Mililani Mauka project.

b. Project Supporting Infrastructure and Utilities.

Exhibit "C" shows the Ultimate Utility Plan for the proposed elementary school project. It depicts the location and alignment of existing and new on-site sewer, water and drain lines supporting the proposed school building complexes. It also shows the connection of these lines to corresponding off-site sewer, water and drain lines.

Off-site supporting infrastructure for the proposed school are provided according to several area-wide infrastructure system plans prepared for the entire Mililani Mauka project and already approved by the appropriate City agencies. These plans were part of the Final EIS for Mililani Mauka. They underwent extensive public agency and private sector review and comment as part of the EIS process for Mililani Mauka. They include:

1. **Preliminary Drainage Master Plan For Mililani Mauka, 1988 (rev. 1989), prepared by EDP Hawaii, Inc.**
2. **Mililani Mauka Electrical & Communications Study, 1985, prepared by M&E Pacific, Inc.**
3. **Mililani-Mauka Potable Water System Onsite/Offsite Evaluation, 1986, prepared by M&E Pacific, Inc.**
4. **Mililani-Mauka Groundwater/Surface Water, 1986, prepared by M&E Pacific, Inc.**
5. **Central and Leeward Oahu Transportation Study, 1986, prepared by Parsons, Brinkerhoff, Quade and Douglas, Inc.**



ULTIMATE UTILITY PLAN  
SCALE 1/4"

**EXHIBIT C**

6. **Traffic Impact Study; Mililani Town Master Plan, 1984,** prepared by Parsons, Brinkerhoff, Quade and Douglas, Inc.
7. **Roadway Master Plan, Mililani Mauka, 1989,** prepared by Parsons, Brinkerhoff, Quade and Douglas, Inc.
8. **Sewer Master Plan For Mililani Mauka, 1988,** prepared by EDP Hawaii, Inc.
9. **Concept Plan Of Offsite Water Systems For Mililani Mauka, 1989,** prepared by M&E Pacific, Inc.
10. **Mililani Town Water Master Plan, 1986 (rev. 1988),** prepared by M&E Pacific, Inc.

1. Water Supply.

The Mililani Mauka project is projected to generate a 3.8 MGD water demand. According to the **Mililani Town Water Master Plan** that was approved by the Board of Water Supply Water (BWS), water supply for the area surrounding and including the proposed elementary school will come from a Mililani Mauka deepwell pumping system and Mililani Makai deepwell pumping system.

According to BWS Standard of 60 gpd/person that would be applicable to the school, the average daily water demand generated by the school would be 72,180 gpd based on an estimated daily presence of 1,203 people within the school.

Exhibit "C" shows the planned location of on-site school water lines. The school's domestic water system will connect to a 4-inch water line stub-out located on Makaikai Drive near its intersection with Ainamakua Drive. The estimated ultimate water demand requires a 3-inch compound water meter. New 4-inch ductile iron pipe water lines will provide service to the building complexes. Two-and-one half inch (2 1/2") copper water laterals with shut-off gate valves will be provided to each building. A stub-out for the irrigation system will be provided. (It is intended that irrigation will be done during non-peak hours.) All water piping beyond the water meter will be within the school property and will have to be maintained by the school. No Water Development Charges will be required by the BWS since the Mililani Mauka Developer has paid for all the necessary water development charges for the entire Mauka project.

On-site exterior fire hydrants will be provided throughout the school to provide adequate fire hose coverage. Connection will be to an 8-inch stub-out provided next to the stub-out for the domestic lateral on Makaikai Drive. A new 8-inch Detector Check Meter will be required.

A new 8-inch water line will be provided within the school for fire hydrant connections. Fire flow of 2,000 gpm is required based on BWS Standards. Fire hydrant locations were located to comply with the Fire Plan Examining Branch's preliminary review comments. The design of the domestic and fire protection system will be according to BWS Standards.

2. Wastewater Collection/Disposal:

The Sewer Master Plan For Mililani Mauka, 1988 (EDP Hawaii, Inc.) was approved by the City Department of Public Works in January, 1989 and included as part of the Final EIS for Mililani Mauka. The planned Mililani Mauka sewer system will consist of gravity sewers that will connect to the end of an existing 21-inch trunk sewer that crosses the H-2 Freeway into the Mauka area. Wastewater from the Mauka area, including the proposed school, will be conveyed to the Mililani Wastewater Treatment Plant where a gravity sewer will convey the wastewater to the Waipahu Sewage Pump Station and ultimately to the Honouliuli Wastewater Treatment Plant.

According to the Sewer Master Plan, the school site is located in Zone 1-8, Sewer Area Designation, Mililani Mauka, and is estimated to generate the following wastewater collection disposal requirements:

Estimated Sewage  
Collection/Disposal Requirements For Proposed School

Sewage Tributary Area:	6.00 acres.
Population Served:	1,200 persons.
Average Flow (mgd):	0.030 mgd.
Maximum Load Factor:	4.8
Maximum Flow:	0.145
Dry Weather Infiltration (5 GPCD):	0.006
Designed Average Flow:	0.036
Designed Maximum Flow:	0.151
Wet Weather Infiltration (1250 GPCd):	0.008
Designed Peak Flow:	0.158 mgd.

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Source: Sewer Master Plan For Mililani Mauka, 1988  
Appendix.

Updated sewage flow demand estimates prepared for the proposed school, based on the standard used by the Division of Wastewater Management of the City Public Works Department, project a total average daily generation of wastewater from the school of 30,075 gpd based on 1,203 persons @ 25 gpd/person and an estimated peak flow of 150,375 gpd. The Sewer Master Plan indicates that a gravity sewer main will be located within Ainamakua Drive. A new 6-inch sewer connection will be provided to an 8-inch sewer stub-out located at the southern corner of the property at Ainamakua Drive. The 6-inch line will extend to the Building complex and 4-inch sewer laterals will be provided to each Building. A "one-time" sewer assessment charge will be required. Exhibit "C" illustrates these details.

3. Access/Transportation:

The Roadway Master Plan; Mililani Mauka, 1989, (Parsons, Brinkerhoff, Quade and Douglas, Inc.) was included in the accepted Final EIS for Mililani Mauka. It sets forth an internal roadway plan for the Mililani Mauka project that will accommodate the projected development of the lower portions of the Mauka project (approximately 723 acres) as shown in Exhibit "A", including the proposed elementary school. According to that Plan, the proposed school will generate the following vehicular trips:

TRIP GENERATION; PROPOSED MILILANI MAUKA  
ELEMENTARY SCHOOL

AM PEAK HOUR		PM PEAK HOUR	
<u>Enter</u>	<u>Exit</u>	<u>Enter</u>	<u>Exit</u>
113	48	52	78

Source: Roadway Master Plan; Mililani Mauka, 1989, p. 8.

As shown in Exhibit "B", the school will be located at the intersection of Makaikai Street (40 feet roadway right-of-way) and Ainamakua Drive (80 feet roadway right-of-way with median strip). Ainamakua Drive and Makaikai Street are designed with "no parking" allowed along the curb line. Access to the school will be from two new driveways connecting to Makaikai Street as shown in Exhibit "B".

4. Parking: Fire Department Access:

As shown in Exhibit "B", a new paved parking area with two access driveways to Makaikai Street will be provided. Parking will be provided for 111 cars and will include 6 handicapped stalls and a drop off lane for 5 cars. A loading and unloading area for 4 buses is also provided. The parking area will be constructed in two phases (66 stalls will be provided in the first phase).

A service road/turnaround is provided next to the Cafeteria area. It also connects to a 20 foot wide fire access lane between the building complex. The fire access lane doubles as a pedestrian mall and play area. In the second phase (remaining 45 stalls) a new fire access lane will be extended from the parking lot to service the portable classroom complex.

A summary of the school's parking plan is as follows:

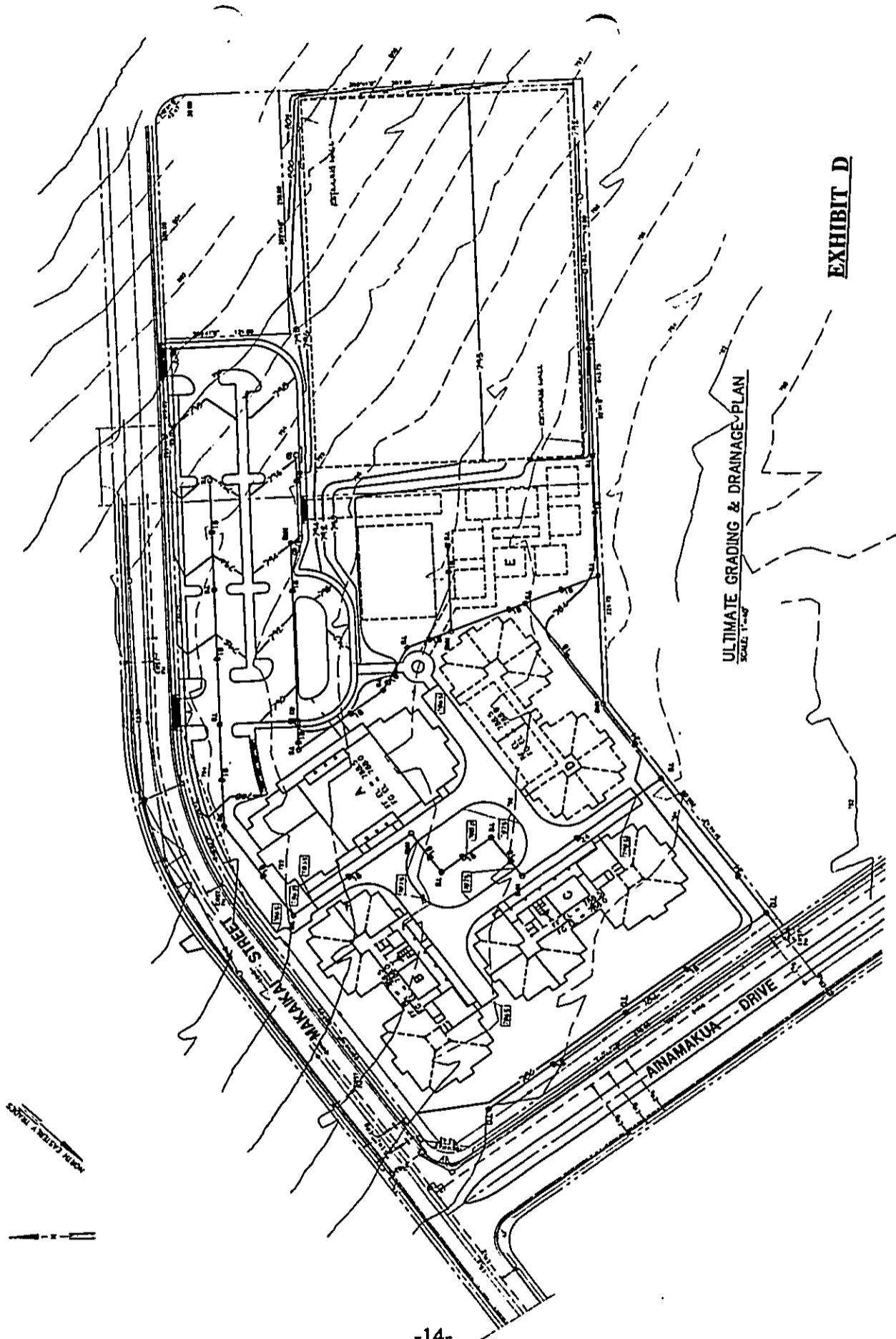
<u>Parking Stalls</u>		<u>Bus Parking Stalls</u>	
Standard Stalls:	100	Bus Stalls	4
Standard Drop Off Stalls:	5		
Handicapped Stalls:	5		
Handicapped Drop Off Stalls:	<u>1</u>		
Total:	111		

Concrete sidewalks will be provided around the parking area and for connection to each building. A pedestrian walkway will be provided to Ainamakua Drive.

5. Grading & Drainage:

The Preliminary Drainage Master Plan For Mililani Mauka, 1988 (rev.1989) (EDP Hawaii, Inc.) was accepted by the City Department of Public Works in April 1989. It is part of the accepted Final EIS for Mililani Mauka. The Plan anticipates drainage of surface water runoff from the school site and surrounding areas into either a North or South Gully drainage system that cross the Mililani Mauka area and excess runoff being drained into Kipapa Gulch.

Exhibit "D" shows the Grading and Drainage Plan for the proposed elementary school. Stormwater runoff within the site will be collected by new drain inlets and catch basins and conveyed through underground drain piping to a 30-inch drain stub-out located at the



**EXHIBIT D**

ULTIMATE GRADING & DRAINAGE PLAN  
SCALE: 1" = 40'



southern corner of the property fronting Ainamakua Drive. A new swale will be constructed along the southeastern property boundary to prevent stormwater runoff from flowing into the adjoining parcel. The adjacent parcel will contain a 152-unit townhouse development scheduled for completion in 1992.

Preliminary drainage calculations for the school site are on file with the City. Design of the on-site drainage system will be in accordance with the City Department of Public Works Storm Drainage Standards. A drain connection agreement is required for connection to the drainage system within the City dedicated roadway.

The Mililani Mauka project area, including the project site, is located in the central portion of the Schofield Plateau. The area slopes gently upward toward the Koolau Mountains from approximately 700 feet above sea level along its makai boundary near the H-2 Freeway, to about 1,000 feet in elevation in the northern portions near the Ewa Forest Reserves. Slopes below the 900-foot elevation, which includes the area encompassing the school site, average less than five percent (5%). Several gullies interrupt the otherwise uniformly sloping area.

As shown in Exhibit "D", the project site lies roughly between the 782-foot and 804-foot ground elevation. The school site slopes from the northern property boundary along Makaikai Street towards the southern property line abutting the site of the proposed townhouse development. The site's average slope is approximately 4.0 percent.

To provide level building pads and acceptable slopes for handicapped accessible routes, extensive fill will be required within portions of the site that will contain such buildings and intervening walkways. Five (5) to six (6) feet maximum fill is estimated. Extensive grading will also be required to construct a 380 foot by 260 feet play field shown in Exhibit "D". Excavation will be required and retaining walls with a 5 foot maximum height will be required.

#### 6. Security Fencing:

A 4-foot high perimeter chain link fence will be installed along the school site's frontage along Ainamakua Drive and Makaikai Street and the eastern property boundary at the play field. Cattle gates will be provided at the two driveway entrances on Makaikai Street. It is assumed that the Fire Station and adjacent townhouse project will providing fencing along their respective common boundary with the school.

#### c. Project Construction Cost and Timetable:

The proposed Mililani Mauka Elementary School, as shown in Exhibit "B", is expected to be constructed roughly according to the following timetable:

<u>Construction Phase</u>	<u>Tentative Construction Completion</u>
<b>Phase I:</b> Building Complexes A, B, C; 66 Parking stalls; supporting on-site facilities.	1992
<b>Phase II:</b> Building Complex D; supporting on-site Facilities.	1993
<b>Phase III:</b> Building Complex D; 45 parking stalls; supporting on-site Facilities.	1994

The total cost of school construction is estimated at \$15.85 million.

2. **Socio-Economic Characteristics:**

a. Education:

As reported in the Final EIS for Mililani Mauka, the Mililani Mauka project will provide sites for two elementary schools and one intermediate school to be constructed as the 1,200-acre planned community develops. The proposed school is the first of the two aforementioned proposed elementary schools to be built to accommodate the initial housing units currently being constructed within the first Mililani Mauka construction phase. The school addresses the following projected public school enrollment formulated for the Mililani Mauka developer by the State Department of Education and contained in the Final EIS

MILILANI MAUKA PUBLIC SCHOOL ENROLLMENT PROJECTIONS

<u>Grade</u>	<u>Approximate Enrollment</u>
K-6	950 - 1,750
7-8	250 - 450
9-12	400 - 750

Source: Final EIS for Mililani Mauka, p. VI-13.

b. Employment:

During the design and construction of the proposed school, short-term engineering, architectural and construction jobs will be generated to design and build the elementary school. In addition, the purchase of school construction materials and supplies will create temporary service sector jobs and income during the construction of the school.

Project will not result in the loss of any agricultural-related jobs since the school site has not been in pineapple cultivation for several years. Replacement pineapple fields in the Helemano/Whitmore area have been established to replace the acreage removed from pineapple cultivation within the Mililani Mauka area, including the project site.

The school will generate permanent jobs within the facility. Preliminary estimates of such jobs include 68 full-time teachers and 30 administrative, maintenance and cafeteria personnel.

c. Other Socio-Economic Characteristics:

The proposed school will not displace any existing families, farms or businesses. Nor will it stimulate any unanticipated and unplanned for population growth within the Mililani Mauka area. Since the land within the project site is being dedicated to the State for elementary school purposes, the project will not remove land from the City's real property tax base.

School facilities will include an adjoining play field that will be accessible to the public for recreation purposes. Therefore, development of the school will positively impact the recreational needs of Mililani Mauka residents as well as provide open space within the immediate neighborhood. The play field will contain approximately 2.27 acres of land (98,800 sq. ft.) as shown in Exhibit "B".

The school will have some direct and indirect multiplier economic impacts on the Mililani and Wahiawa communities. School repair and maintenance, supplies and other business or professional services will be purchased from Mililani and Wahiawa merchants and professionals regularly.

3. Environmental Characteristics:

Considerable data on probable environmental effects and constraints pertaining to the proposed school are contained in the Final EIS for Mililani Mauka and are incorporated into the ensuing discussions regarding the project's environmental characteristics. The ensuing discussions of the project's environmental characteristics are based largely on that data.

a. Aesthetics:

Today, the proposed school site is vacant, unused land covered with weeds, scrub brush and Haole Koa. Development of the proposed school facilities as shown in Exhibit "B" will improve the current appearance of the site by establishing the modern school facilities and generous portions of landscaping and open park space within the site.

b. Air Pollution:

The site is not considered an indirect point source of air pollution since the amount of traffic expected to visit the proposed school, as described above, is insignificant. Most students will walk to the school rather than be driven to the school since its immediate service area is intended to be the immediate surrounding residential areas that are within a 1-mile radius of the school site. Thus, vehicular trips to the school will be minimal.

c. Traffic Congestion:

As described above, the amount of traffic entering/leaving the school during peak traffic hours is expected to be minimal and insignificant. Only 113 vehicles will enter and 48 vehicles will leave the school during the morning peak hours while 52 vehicles will enter and 78 vehicles will leave the school during the afternoon peak hours.

As shown in Exhibit "B", on-site school improvements include sufficient on-site parking stalls and driveway; two ingress/ egress points for vehicular entry onto the school from Makaikai Street; and loading and turnaround areas to ensure vehicular and pedestrian safety and avoid school-related traffic congestion along Makaikai Street. Appropriate traffic controls such as signs, crosswalks, and barriers will be incorporated into the design of the school.

d. Noise Levels:

School facilities will be designed to comply with the Department of Health regulations for Community Noise Control on Oahu. Facility equipment such as air conditioning units, kitchen exhausts, etc. will be operated and maintained to comply with allowable noise levels.

In addition, the school will be located a considerable distance from the surrounding multifamily housing projects by the intervening Makaikai Street and Ainamakua Drive and the proposed adjoining play field and fire station that will buffer any noise effect of the school on such surrounding uses. Finally, school operation only during the daytime when most nearby residents are expected to be at work or school rather than at home will further mitigate any noise impacts, if any, of the school on surrounding areas.

E. Description of Affected Environment.

Based on the findings and conclusions of the Final EIS for Mililani Mauka, there are no unique flora and fauna, significant habitats or historical/archaeological or cultural resources within or near the proposed elementary school site. There are no sensitive habitats or bodies of water within or near the proposed school site as well. Therefore, the project will have no impact or effect on such natural resources.

The ensuing discussion present pertinent findings and corresponding mitigation measures that relate to the environment affected by the proposed school as provided in the Final EIS for Mililani Mauka.

1. **Climate.**

Average annual rainfall for the proposed elementary school site varies from 40 to 45 inches per year. Northeast trade winds occur more than 8 months out of the year. Daytime temperatures average between a low of 66 degrees F and a high of 82 degrees F.

2. **Surrounding Land Use; Ownership.**

The school site is owned by the State of Hawaii via dedication to the State for public school use. The site and immediate surrounding areas are undeveloped lands. Currently, work is under way on installing roadways and infrastructure lines within the land area immediately south (makai) of the school site in preparation for the construction of residential dwellings and other urban uses. Upon completion of such work, multifamily residential projects will surround the proposed school on three sides with a fire station being located on the fourth side.

3. **Physical Hazards.**

a. Aircraft Operations:

Wheeler AFB is approximately 1.6 miles from the proposed school site in a northerly direction. The instrument departure (IFR) corridor from Runway 06 of Wheeler AFB crosses above the vicinity of the school site in a north-south direction. About 6 flights/day use this corridor crossing the Mililani Mauka area at between 1,600 and 3,100 feet above ground level.

To mitigate the potential effects, if any, of occasional overhead aircraft noise on school activities, classroom, administrative, library and other school structures will be built to conform to City Building Code requirement that protect against external noise and will contain the necessary soundproofing improvements.

b. Military Training Activities:

The Army's East Range is situated to the north of the Mililani Mauka project area and is used for a variety of military training activities (i.e. urban warfare, offensive and defensive tactics, chemical warfare techniques). Army representatives are concerned about noise impacts on prospective Mililani Mauka residents.

To mitigate the potential noise effects, if any, of military training activities emanating from the Army's East Range on the school, school structures and facilities will be built to conform to pertinent City Building Code requirements that protect against external noise and will contain the necessary soundproofing improvements.

4. **Topography.**

The school site is located within a portion of the Schofield Plateau and, along with much of the land surrounding the site, slopes gently towards the Koolaus and has an average slope of less than 5%.

5. **Soils and Agricultural Potential.**

The proposed school site contains mostly Wahiawa silty clay series soil and is unirrigated. This soil is very dusky red and dusky red silty clay about 12 inches thick. Permeability is moderately rapid; runoff is slow; and erosion hazard is slight. This soil is used for sugarcane, pineapple, pasture, and home sites. Under the Land Study Bureau's Detailed Land Classification system, the Wahiawa soil series is rated Overall Productivity Class "B" (considered Unique Agricultural Land).

The proposed school's impact on soils, alone, consist of erosion (due to land clearing and construction) and indefinite loss of land for agricultural use. The impacts due to erosion during school construction will be mitigated by using generally accepted erosion control techniques in conformance with City grading and erosion control standards.

The insignificant project impact on agricultural land cultivation arising from the commitment of the 9.3-acre site to school use will be further mitigated by the replacement of former pineapple lands within the Mililani Mauka project, including the

proposed school site, with sugar and pineapple cultivation of unused agricultural lands in the Helemano/ Whitmore area by Castle & Cooke, Inc., through leasing arrangement with the Waialua Sugar Company.

#### **6. Hydrology.**

There are no perennial streams or water bodies within the proposed school site. Storm water runoff from within the site either percolates into the basal lens system or drains a small gulch located east of the site.

The proposed 9.3-acre school project will have an insignificant effect on the existing volume and route of storm water runoff within the site; the water withdrawal from and recharge to the Pearl Harbor aquifer; and the amount of soil erosion and type of chemical pollutants present that could affect water quality within Kipapa Stream. The project site plan reveals a substantial portion of the proposed school site devoted to natural open space use and the location of a park adjoining the school site. These open spaces will absorb most of the surface water runoff from impervious land surfaces within the school site from rainfalls.

Potable water supply for the school will be obtained from the Mililani Mauka Board of Water Supply system; thus, the project will have no effect on water withdrawal from the Pearl Harbor Aquifer and may assist in the groundwater recharge of the Aquifer due to the absorption of most of the surface water within the school site within its extensive open spaces.

The project will reduce the amount of possible chemical pollutants present within the 9.3-acre site since the use of agricultural fertilizers and pesticides within the site will not occur upon use of the site for school purposes.

#### **7. Flora and Fauna.**

The Final EIS for Mililani Mauka reports that no endangered plants or animals were found to exist on the proposed school site and that most of the plant and wildlife species found within the Mililani Mauka project area are introduced with some considered as pests. Therefore, no mitigation measures are proposed.

#### **8. Noise.**

As stated in the Final EIS for Mililani Mauka (p. IV-22), the location and design of the proposed subject elementary school have been planned to minimize its potential for adverse noise impacts on adjacent land uses.

a. Non-Traffic Noise:

Non-traffic noise within which may affect the site would consist of occasional overflight aircraft noise. The Final EIS for Mililani Mauka (p. IV-19) reports that such noise is roughly estimated at 45-50 Ldn when it occurs. Army East Range activities can be heard from the site.

The Final EIS for Mililani Mauka (p. IV-21) reports that these noise level exposures are projected to be well within Federal and State guidelines for average noise exposures for residential areas. Thus, these noise impacts will be insignificant with respect to the proposed school. Thus, no mitigation measure are proposed.

b. Traffic Noise:

Upon completion and depending on the design and structure of its buildings, the proposed school could experience some normal traffic noise emanating from the adjacent roadways according to the noise study prepared for the Mililani Mauka EIS. Noise from Mākaikai Street and Ainamakua Drive is not expected to exceed the Federal Department of Housing and Urban Development (HUD) maximum noise levels applicable to residential areas according to the Final EIS for Mililani Mauka.

To mitigate the potential noise effect from adjacent roadway traffic, classrooms, library facilities, computer rooms, and administrative offices within the school will be constructed in accordance with noise-proof standards and requirements within the City Building Code. No noise mitigation measures are required for structures along Mākaikai Street and Ainamakua Drive since traffic noise impacts from these roadways is expected to be insignificant and well within Federal noise standards for residential areas.

c. Construction Noise:

Because the area immediately surrounding the proposed school site is unoccupied, the immediate noise impacts caused by school construction will be insignificant.

Since families are beginning to move into Mililani Mauka within areas below (makai of) the school site, these residents will be exposed to temporary disturbances from truck and construction equipment noise associated with school construction. However, such exposure is expected to be minimal and insignificant since school construction will occur simultaneously with the currently ongoing construction of many other Mililani Mauka residential, public facility and infrastructure projects.



To mitigate the insignificant noise effects of the proposed school, all school construction activities will comply with noise regulations contained in Chap. 43, State Department of Health Administrative Rules, relating to Community Noise Control for Oahu. Traffic noise from construction vehicles moving to/from the school site will be minimized near existing residential areas and will comply with requirements set forth in Title 11, Chap. 42, Department of Health Administrative Rules relating to Vehicular Noise Control for Oahu.

#### 9. Air Quality.

Present air quality over the 9.3-acre school site is very good according to the Final EIS for Mililani Mauka. It is anticipated that the project will have a direct, yet temporary impact on air quality during project construction arising from fugitive dust emissions and any site grading during school construction.

To mitigate this air quality impact, an effective watering program (wetting down loose soil areas) and installation of needed dust screens can reduce particulate emission levels from the site by at least 50 percent. These and other dust control measures are already stipulated by State of Hawaii regulations and will be applied during school construction.

Since school construction will occur approximately at the same time as many other construction projects within the surrounding area for residences, parks, public facilities and infrastructure project within the Mililani Mauka project area, the air quality impact of school construction will be insignificant since there will be very few, if any, completed and occupied residential projects within the surrounding area during its construction.

#### 10. Historical and Archaeological Sites.

The Final EIS for Mililani Mauka reports that, based on a field survey and literature research conducted on the Mililani Mauka project area, including the proposed school site, if any remains of an archaeological or historical nature ever existed within the area agricultural land uses have erased this evidence, and that the State Historic Sites Office reviewed the survey and concurs with this finding. Therefore, the project will have no impact on any historical or archaeological resources and no related mitigation measure is proposed.

#### 11. Existing Land Use.

The proposed school will occupy approximately 9.3 acres of land which have been unused and undeveloped for several years after pineapple cultivation of the land and surrounding areas ceased in the 1980s. The acreage within the site converted to school use will be replaced with fields released to Castle & Cooke, Inc., for pineapple and diversified agricultural cultivation by the Waiialua Sugar Company. Therefore, the proposed school will have no significant impact on agricultural production on Oahu and no related mitigation measures are proposed.

#### IV. SUMMARY OF PROJECT IMPACTS & MITIGATION MEASURES.

Based on the foregoing information and assessment, the impacts of the proposed Mililani Mauka Elementary School on the surrounding environment and community are determined to be insignificant and, in some cases, positive as summarized below.

Impact Area:                      Type of Impact; Determination and Rationale.

Agricultural Lands:	<p><b>Type of Impact:</b> Commitment of Class "B" agricultural lands to public school use.</p> <p><b>Impact Determination:</b> Insignificant due to the small land area (9.317 acres) of the site and the long-abandoned use of the site for pineapple production.</p>
Water Supply:	<p><b>Type of Impact:</b> Commitment of approx. 72,180 gpd to the school for school purposes out of a projected 3.8 mgd water supply use for Mililani Mauka already approved by the BWS.</p> <p><b>Impact Determination:</b> Insignificant because the water commitment is already anticipated and planned for as part of the BWS water allocations and it represents only a 0.02% share of the 3.8 mgd to be used within Mililani Mauka.</p>

**Wastewater  
Collection:**

**Type of Impact:** 30,075 gpd of wastewater generated by the school for collection, treatment and disposal by the City's public sewer system.

**Impact Determination:** Insignificant since the City Public Works Department has approved the Sewer Master Plan for Mililani Mauka which covers the wastewater to be generated by the school and off-site sewer system improvements serving the site will be paid for by the Mililani Mauka developer.

**Traffic:**

**Type of Impact:** School-related traffic (113 trips entering, 48 trips leaving the school during morning peak hours and 52 trips entering, 78 trips leaving the school during afternoon peak hours).

**Impact Determination:** Insignificant/Positive. Low trip generation volumes during the morning and afternoon peak hours. The school is within walking distance of most of its projected students; therefore, vehicle trips to drop off/pick students will be minimized. On-site parking, drop off/pick up areas, turnaround lanes and loading areas will keep school traffic off adjacent public streets.

**Grading:**

**Type of Impact:** Cut and fill of site's surface grade for construction of school structures and facilities.

**Impact Determination:** Insignificant. All on-site grading will conform to City Public Work Grading Regulations which contain measures to prevent erosion and subsurface subsidence.

**Drainage:**

**Type of Impact:** Stormwater runoff from school site into City drainage system for Mililani Mauka.

**Impact Determination:** Insignificant since anticipated drainage volumes from the school site are covered within the Mililani Mauka Drainage Master Plan which has been approved by the City Public Works Department.

**Air Quality:**

**Type of Impact:** Temporary fugitive construction dust.

**Impact Determination:** Insignificant. Project construction shall comply with all applicable State Health Department regulations governing construction dust control practices and requirements. Project impact ceases upon completion of school construction.

**Noise:**

**Type of Impact:** Temporary construction noise; normal noise from playing school children during school hours.

**Impact Determination:** Insignificant. During school construction all applicable noise control/mitigation requirements in Chap. 43, State Health Department Rules Relating to Community Noise Control for Oahu and Chap. 42, State Health Department Rules Relating to Vehicular Noise Control for Oahu. Noise from playing children during school hours will be mitigated by the absence of most working residence from the nearby residences during daytime hours.

**Aesthetics:**

**Type of Impact:** Construction of school facilities on vacant land.

**Impact Determination: Positive.** School construction will replace vacant site currently covered by scrub brushes, weeds, Haole Koa and generally unkempt.

**Employment:**

**Type of Impact:** Creation of 68 on-site permanent jobs; temporary construction jobs.

**Impact Determination: Positive.** School will generate new permanent jobs and provide for construction jobs.

**Education:**

**Type of Impact:** Establishment of new elementary school facilities in Mililani Mauka.

**Impact Determination: Positive.** Proposed school meets a urgent projected need for elementary school facilities generated by planned population growth in Mililani Mauka.

**Local Economy:**

**Type of Impact:** School purchase of goods and services from local merchants and businesses.

**Impact Determination: Positive.** School-related spending within the local economy will contribute local income to merchants and businesses.

**Flora & Fauna:**

**Type of Impact: None.** There are no unique or endangered flora or fauna species or habitats within the school site and immediate surrounding area.

Historical/  
Archaeological  
Resources:

**Type of Impact:** None. There are no known historical or archaeological resources within or near the school site.

Labor and Material  
Resources:

**Type of Impact:** Depletion of labor and materials for the construction of the proposed school.

**Impact Determination:** Insignificant. The amount of labor resources expended to build the school is replenishable; the amount of material used for school construction is relatively small and replaceable.

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#### V. ASSESSMENT OF SIGNIFICANCE OF PROJECT'S ENVIRONMENT IMPACTS.

Based on the foregoing review and assessment, the following findings and determinations regarding the significance of the project's impacts are made:

1. The proposed will involve a long-term commitment of approximately 9.317 acres of land to public school use; however, this impact is insignificant since the site is a small portion of the entire surrounding 1,200-acre Mililani Mauka project which also will be committed to urban use.
2. The proposed elementary school will not curtail the range of beneficial use of the environment.
3. The proposed school will not conflict with the State's long-term environmental policies as set forth in Chap. 344, Hawaii Revised Statutes.
4. The proposed school will substantially affect the economic and social well-being of the surrounding community by providing education services to the community and quality permanent jobs.

5. The proposed school will not involve any substantial degradation of environmental quality.
6. The proposed school will not affect any rare, endangered or threatened species of flora or fauna or habitat.
7. The proposed school will not detrimentally affect air or water quality or ambient noise levels.
8. The proposed school is not located in any environmentally sensitive area, such as flood plain, erosion-prone area, geologically hazardous land, estuary, fresh water area, tsunami or coastal area.
9. The proposed school conforms to the Hawaii State Plan, the City and County of Honolulu General Plan and Central Oahu Development Plan.

#### VI. ALTERNATIVES CONSIDERED.

A "no action" alternative was considered but deemed unacceptable in light of the pending need for available public elementary school services and facilities within the developing Mililani Mauka project which will contain 3,500 residential dwelling units at full development.

#### VII. DETERMINATION.

Based on the foregoing information and assessment it is determined that an Environmental Impact Statement should not be required for this project in light of the recently completed and accepted Final EIS for Mililani Mauka which covers the proposed school within the scope of its environmental impact review and assessment and insignificant environmental impacts of the project as described above. This determination is based on and supported by the findings and assessment provided hereinabove which demonstrate that the proposed school will not have any significant effect in the context of Chapter 343, Hawaii Revised Statutes and Section 11-200-12 of the State Health Department Administrative Rules.

\* \* \* \* \*

APPENDIX I

**AGENCIES AND ORGANIZATIONS CONSULTED  
DURING ENVIRONMENTAL ASSESSMENT PROCESS**

This Appendix contains (1) the list of public and private agencies and organizations consulted during the preparation of this Environmental Assessment/Negative Declaration Report pursuant to Chapter 343, Hawaii Revised Statutes, as amended, and Sec. 11-200-10 of the State Department of Health Administrative Rules (Appendix I-A); (2) copies of comments received to date from these agencies and organizations and the applicant agency's responses thereto (Appendix I-B); and (3) copies of the initial environmental assessment inquiries sent to these agencies and organizations on behalf of the applicant (Appendix I-C).



APPENDIX I-B

**COMMENTS RECEIVED FROM CONSULTED AGENCIES AND  
ORGANIZATIONS AND THE APPLICANT'S RESPONSES THERETO**

LIST OF PARTIES CONSULTED IN THE ENVIRONMENTAL ASSESSMENT FOR  
THE PROPOSED MILILANI MAUKA ELEMENTARY SCHOOL.

City Agencies:

Honolulu Police Department  
Board of Water Supply  
Department of Public Works  
Department of Transportation Services  
Building Department  
Honolulu Fire Department  
Department of Housing & Community Development  
Department of Land Utilization  
Department of Parks & Recreation  
Department of General Planning

State Agencies:

Board of Land & Natural Resources  
Office of State Planning  
Hawaii Housing Authority  
Department of Transportation  
Environmental Center, University of Hawaii at Manoa  
Department of Agriculture  
Division of Public Works, DAGS  
Department of Defense  
Department of Health

Federal Agencies:

Fish & Wildlife Service, Dept. of Interior  
Department of the Navy  
Corps of Engineer  
Soil Conservation Service  
U.S. Air Force  
Wheeler Air Force Base, Commander  
U.S. Army Support Command, Hawaii

Private Companies:

Castle & Cooke, Inc.  
Hawaiian Electric Company

Community Organizations:

Wahiawa Neighborhood Board No. 26  
Mililani/Waipio/Melemanu Neighborhood Board No. 25  
Mililani Town Association

APPENDIX I-A

**AGENCIES AND ORGANIZATIONS CONSULTED DURING  
ENVIRONMENTAL ASSESSMENT PROCESS**

Mr. Edward Y. Hirata  
July 10, 1991  
Page 2.

THE HAWAIIAN CONSULTING ENGINEERS  
CONSULTING ENGINEERS

HARVEY K. HIDA, P.E.  
ALAN Y. OKAMOTO, P.E.

Phase II \* 12 Classrooms and Facility Center. (See Complex "D", Exhibit "A")

\* 45 On-site Parking Stalls.

Phase III \* 12 Classrooms and Special Education Classroom. (See Complex "D", Exhibit "A").

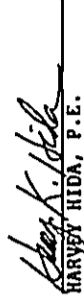
Portable classrooms will also be developed within the site although their development timetable has not been set. (See Complex "E", Exhibit "A"). For your information, it is anticipated that the proposed school will contain approximately 1,203 persons ( 68 teachers, 30 school staff personnel and 1,105 students) on-site during the school year.

The proposed school is part of the larger, 1,200-acre Millilani Mauka Planned Community Project for which an Environmental Impact Statement was filed and accepted by the Department of General Planning in 1987. That EIS disclosed the environmental impacts of the Millilani Mauka Master Plan, which includes the subject proposed elementary school, in accordance with the requirements of Chapter 343, Hawaii Revised Statutes, and Title 11, Chap. 200, DOH Administrative Rules. Exhibit "A" is a copy of that Master Plan.

Your Department participated in that EIS review process and expressed concern about needed improvements to the Millilani Interchange in order to accommodate traffic to/from the proposed Millilani Mauka project and the need for its developer to assist the State in making improvements to the downstream (Pearl City) transportation corridor to ease existing and projected traffic congestion within the corridor as a cumulative result of new major developments in Ewa and Central Oahu. The final EIS for the Millilani Mauka project identified several mitigation measures to be undertaken by the project developer to address your Department's concern and noted that the establishment of community facilities such as the proposed Millilani Mauka Elementary School would assist in easing the amount of traffic congestion on the H-1/H-2 transportation corridor.

Thank you for your kind and prompt attention to this communication.

Sincerely,

  
HARVEY HIDA, P.E.

Attachments.

July 10, 1991

Mr. Edward Y. Hirata  
Director  
Department of Transportation  
State of Hawaii  
869 Punchbowl Street  
Honolulu, Hawaii 96813

Dear Mr. Hirata:

Subject: Environmental Assessment For The Proposed Millilani Mauka Elementary School Project  
TRK: 9-5-01: Parcels 11 and 16 and 9-5-02: Parcels 1 and 17, Millilani, Oahu, Hawaii.  
Applicant: State Department of Education.

In accordance with Sec. 11-200-10, Title 11, Chap. 200, Department of Health Administrative Rules, we hereby inform you of the proposed development of the Millilani Mauka Elementary School by the State Department of Education (hereinafter "applicant") as described in greater detail hereinbelow. We respectfully request your comments, if any, on the proposed school. Please send your comments, if any, to our office by July 20, 1991.

This communication fulfills part of the applicant's requirements toward the preparation and submission of an Environmental Assessment ("EA") for the project in compliance with Chap. 343, Hawaii Revised Statutes and Title 11, Chap. 200, DOH Administrative Rules.

Attached Exhibit "A" shows the proposed school location. Exhibit "B" presents a preliminary layout of the proposed project which will occupy approximately 9.3 acres of land. The school will be built in three phases as follows:

- Phase I \* Administrative Center; Cafetorium/Multi-Purpose Center. (See Complex "A", Exhibit "A").
- \* Library/Computer Resources and General Classrooms Building. (See Complex "B", Exhibit "A").
- \* 10 General Classrooms and 3 Special Education Classroom Building. (See Complex "C", Exhibit "A").
- \* 66 On-site Parking Stalls.

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STATE OF HAWAII  
CONSULTING ENGINEERS

HARVEY K. HIDA, P.E.  
ALAN T. OKAMOTO, P.E.

Mr. Mitsuo Shito  
Executive Director  
Hawaii Housing Authority  
State of Hawaii  
P.O. Box 17907  
Honolulu, Hawaii 96817

Dear Mr. Shito:

Subject: Environmental Assessment For The Proposed  
Millilani Mauka Elementary School Project  
TKH: 9-5-01: Parcels 11 and 16 and 9-5-02:  
Parcels 1 and 17, Millilani, Oahu, Hawaii.  
Applicant: State Department of Education.

In accordance with Sec. 11-200-10, Title 11, Chap. 200,  
Department of Health Administrative Rules, we hereby inform you of  
the proposed development of the Millilani Mauka Elementary School by  
the State Department of Education (hereinafter "applicant") as  
described in greater detail hereinbelow. We respectfully request  
your comments, if any, on the proposed school. Please send your  
comments, if any, to our office by July 20, 1991.

This communication fulfills part of the applicant's  
requirements toward the preparation and submission of an  
Environmental Assessment ("EA") for the project in compliance with  
Chap. 343, Hawaii Revised Statutes and Title 11, Chap. 200, DOH  
Administrative Rules.

Attached Exhibit "A" shows the proposed school location.  
Exhibit "B" presents a preliminary layout of the proposed project  
which will occupy approximately 9.3 acres of land. The school will  
be built in three phases as follows:

- Phase I \* Administrative Center; Cafetorium/Multi-Purpose Center. (See Complex "A", Exhibit "A").
- \* Library/Computer Resources and General Classrooms Building. (See Complex "B", Exhibit "A").
- \* 10 General Classrooms and 3 Special Education Classroom Building. (See Complex "C", Exhibit "A").
- \* 66 On-site Parking Stalls.

Mr. Mitsuo Shito  
July 10, 1991  
Page 2.

Phase II \* 12 Classrooms and Facility Center. (See Complex "D", Exhibit "A")  
\* 45 On-site Parking Stalls.

Phase III \* 12 Classrooms and Special Education Classroom.  
(See Complex "D", Exhibit "A").

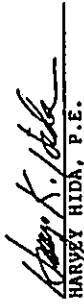
Portable classrooms will also be developed within the site although their development timetable has not been set. (See Complex "E", Exhibit "A"). For your information, it is anticipated that the proposed school will contain approximately 1,203 persons (68 teachers, 30 school staff personnel and 1,105 students) on-site during the school year.

The proposed school is part of the larger, 1,200-acre Millilani Mauka Planned Community Project for which an Environmental Impact Statement was filed and accepted by the Department of General Planning in 1987. That EIS disclosed the environmental impacts of the Millilani Mauka Master Plan, which includes the subject proposed elementary school, in accordance with the requirements of Chapter 343, Hawaii Revised Statutes, and Title 11, Chap. 200, DOH Administrative Rules. Exhibit "A" is a copy of that Master Plan.

Your Authority participated in that EIS review process and had not comment on the Millilani Mauka project.

Thank you for your kind and prompt attention to this communication.

Sincerely,

  
HARVEY HIDA, P.E.

Attachments.

WILSON, JOHNSON & MATHIAS  
CONSULTING ENGINEERS

HARVEY K. HIDA, P.E.  
ALAN T. OKAMOTO, P.E.

Mr. Harold S. Masumoto  
July 10, 1991  
Page 2.

Phase II \* 12 Classrooms and Facility Center. (See Complex "D", Exhibit "A")  
\* 45 On-site Parking Stalls.

Phase III \* 12 Classrooms and Special Education Classroom. (See Complex "D", Exhibit "A").

Portable classrooms will also be developed within the site although their development timetable has not been set. (See Complex "E", Exhibit "A"). For your information, it is anticipated that the proposed school will contain approximately 1,203 persons (68 teachers, 30 school staff personnel and 1,105 students) on-site during the school year.

July 10, 1991

Mr. Harold S. Masumoto  
Director  
Office of State Planning  
State of Hawaii  
Executive Chambers  
State Capitol, 5th Flr.  
Honolulu, Hawaii 96813

Dear Mr. Masumoto:

Subject: Environmental Assessment For The Proposed Millilani Mauka Elementary School Project.  
TMX: 9-5-01; Parcels 11 and 16 and 9-5-02; Parcels 1 and 17, Millilani, Oahu, Hawaii.  
Applicant: State Department of Education.

In accordance with Sec. 11-200-10, Title 11, Chap. 200, Department of Health Administrative Rules, we hereby inform you of the proposed development of the Millilani Mauka Elementary School by the State Department of Education (hereinafter "applicant") as described in greater detail hereinbelow. We respectfully request your comments, if any, on the proposed school. Please send your comments, if any, to our office by July 20, 1991.

This communication fulfills part of the applicant's requirements toward the preparation and submission of an Environmental Assessment ("EA") for the project in compliance with Chap. 343, Hawaii Revised Statutes and Title 11, Chap. 200, DOH Administrative Rules.

Attached Exhibit "A" shows the proposed school location. Exhibit "B" presents a preliminary layout of the proposed project which will occupy approximately 9.3 acres of land. The school will be built in three phases as follows:

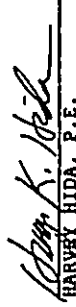
- Phase I \* Administrative Center; Cafetorium/Multi-Purpose Center. (See Complex "A", Exhibit "A").  
\* Library/Computer Resources and General Classrooms Building. (See Complex "B", Exhibit "A").  
\* 10 General Classrooms and 3 Special Education Classroom Building. (See Complex "C", Exhibit "A").  
\* 66 On-site Parking Stalls.

The proposed school is part of the larger, 1,200-acre Millilani Mauka Planned Community Project for which an Environmental Impact Statement was filed and accepted by the Department of General Planning in 1987. That EIS disclosed the environmental impacts of the Millilani Mauka Master Plan, which includes the subject proposed elementary school, in accordance with the requirements of Chapter 343, Hawaii Revised Statutes, and Title 11, Chap. 200, DOH Administrative Rules. Exhibit "A" is a copy of that Master Plan.

Your predecessor agency, the former Department of Planning and Economic Development, participated in that EIS review process and offered comments regarding central Oahu's population growth; aircraft noise impacts; water quality; historic and archaeological resources; Waikakalaua and Kipapa Gulch trails; improvements to the Millilani interchange; water supply; surface water runoff; and mitigation of agricultural impacts which were addressed in the final EIS for the Millilani Mauka project.

Thank you for your kind and prompt attention to this communication.

Sincerely,

  
HARVEY HIDA, P.E.

Attachments.

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Phone (808) 942-0066 • Fax (808) 947-7546

Chairperson William W. Paty  
July 10, 1991  
Page 2.

- Phase II \* 12 Classrooms and Facility Center. (See Complex "D", Exhibit "A")  
\* 45 On-site Parking Stalls.
- Phase III \* 12 Classrooms and Special Education Classroom. (See Complex "D", Exhibit "A").

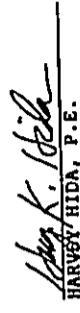
Portable classrooms will also be developed within the site although their development timetable has not been set. (See Complex "E", Exhibit "A").

The proposed school is part of the larger, 1,200-acre Millilani Mauka Planned Community Project for which an Environmental Impact Statement was filed and accepted by the Department of General Planning in 1987. That EIS disclosed the environmental impacts of the Millilani Mauka Master Plan, which includes the subject proposed elementary school, in accordance with the requirements of Chapter 343, Hawaii Revised Statutes, and Title 11, Chap. 200, DOH Administrative Rules. Exhibit "A" is a copy of that Master Plan.

Your agency participated in that EIS review process and informed the Millilani Mauka project developer that its project would not adversely affect aquatic resources in Waikakalaua and Kipapa Gulches; that the project would have "no effect" on historic sites in view of its long-standing agricultural use; and that DLNR approval is required in order for the Millilani Mauka project to withdraw water from the Pearl Harbor Groundwater Control Area (PHGCA). A Water Master Plan for the Millilani Mauka project (revised 1989) was approved by the Board of Water Supply. The plan estimates a total project water demand of approximately 3.8 mgd and sets forth the complete water system for the project area. The Board has advised the project developer that there is approximately 1.04 mgd of water available for its project from existing water sources within the Millilani area. Preliminary water supply requirements for the proposed Millilani Mauka Elementary School is estimated at approximately 72,180 gallons per day.

Thank you for your kind and prompt attention to this communication.

Sincerely,

  
HARVEY HIDA, P.E.

Attachments.

THE COMMERCIA CENTER ENGINEERS, INC.  
CONSULTING ENGINEERS

HARVEY K. HIDA, P.E.  
ALAN T. OKAMOTO, P.E.

July 10, 1991

Mr. William W. Paty  
Chairperson  
Board of Land & Natural Resources  
P.O. Box 621  
Honolulu, Hawaii 96809

Dear Chairman Paty:

Subject: Environmental Assessment For The Proposed Millilani Mauka Elementary School Project  
TRK: 9-5-01: Parcels 11 and 16 and 9-5-02: Parcels 1 and 17, Millilani, Oahu, Hawaii.  
Applicant: State Department of Education.

In accordance with Sec. 11-200-10, Title 11, Chap. 200, Department of Health Administrative Rules, we hereby inform you of the proposed development of the Millilani Mauka Elementary School by the State Department of Education (hereinafter "applicant") as described in greater detail hereinbelow. We respectfully request your comments, if any, on the proposed school. Please send your comments, if any, to our office by July 20, 1991.

This communication fulfills part of the applicant's requirements toward the preparation and submission of an Environmental Assessment ("EA") for the project in compliance with Chap. 343, Hawaii Revised Statutes and Title 11, Chap. 200, DOH Administrative Rules.

Attached Exhibit "A" shows the proposed school location. Exhibit "B" presents a preliminary layout of the proposed project which will occupy approximately 9.3 acres of land. The school will be built in three phases as follows:

- Phase I \* Administrative Center; Cafeteria/Multi-Purpose Center. (See Complex "A", Exhibit "A").  
\* Library/Computer Resources and General Classrooms Building. (See Complex "B", Exhibit "A").  
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Millilani Town Association  
July 10, 1991  
Page 2.

MILLILANI TOWN ASSOCIATION  
CONSULTING ENGINEERS

HARVEY K. HIDA, P.E.  
ALAN T. OKAMOTO, P.E.

July 10, 1991

Millilani Town Association  
95-303 Kaloopau Street  
Millilani, Hawaii 96789

Dear Association Members:

Subject: Environmental Assessment For The Proposed  
Millilani Mauka Elementary School Project  
THK: 9-5-01: Parcels 11 and 16 and 9-5-02:  
Parcels 1 and 17, Millilani, Oahu, Hawaii.  
Applicant: State Department of Education.

In accordance with Sec. 11-200-10, Title 11, Chap. 200,  
Department of Health Administrative Rules, we hereby inform you of  
the proposed development of the Millilani Mauka Elementary School by  
the State Department of Education (hereinafter "applicant") as  
described in greater detail hereinbelow. We respectfully request  
your comments, if any, on the proposed school. Please send your  
comments, if any, to our office by July 20, 1991.

This communication fulfills part of the applicant's  
requirements toward the preparation and submission of an  
Environmental Assessment ("EA") for the project in compliance with  
Chap. 343, Hawaii Revised Statutes and Title 11, Chap. 200, DOH  
Administrative Rules.

Attached Exhibit "A" shows the proposed school location.  
Exhibit "B" presents a preliminary layout of the proposed project  
which will occupy approximately 9.3 acres of land. The school will  
be built in three phases as follows:

- Phase I \* Administrative Center; Cafetorium/Multi-Purpose Center. (See Complex "A", Exhibit "A").
- \* Library/Computer Resources and General Classrooms Building. (See Complex "B", Exhibit "A").
- \* 10 General Classrooms and 3 Special Education Classroom Building. (See Complex "C", Exhibit "A").
- \* 66 On-site Parking Stalls.

- Phase II \* 12 Classrooms and Facility Center. (See Complex "D", Exhibit "A")
- \* 45 On-site Parking Stalls.

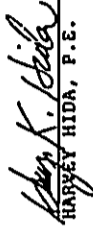
- Phase III \* 12 Classrooms and Special Education Classroom. (See Complex "D", Exhibit "A").

Portable classrooms will also be developed within the site although their development timetable has not been set. (See Complex "E", Exhibit "A"). For your information, it is anticipated that the proposed school will contain approximately 1,203 persons (68 teachers, 30 school staff personnel and 1,105 students) on-site during the school year.

The proposed school is part of the larger, 1,200-acre Millilani Mauka Planned Community Project for which an Environmental Impact Statement was filed and accepted by the City Department of General Planning in 1987. That EIS disclosed the environmental impacts of the Millilani Mauka Master Plan, which includes the subject proposed elementary school, in accordance with the requirements of Chapter 343, Hawaii Revised Statutes, and Title 11, Chap. 200, DOH Administrative Rules. Exhibit "A" is a copy of that Master Plan.

Thank you for your kind and prompt attention to this communication.

Sincerely,

  
HARVEY HIDA, P.E.

Attachments.



**NEW, MAJORITY & ASSOCIATES, INC.**  
CONSULTING ENGINEERS

HARVEY K. HIDA, P.E.  
ALAN T. OKAMOTO, P.E.

July 10, 1991

Castle & Cooke, Inc.  
P.O. Box 2990  
Honolulu, Hawaii 96802

Ladies and Gentlemen:

Subject: Environmental Assessment For The Proposed  
Millilani Mauka Elementary School Project  
TRK: 9-5-01; Parcels 11 and 16 and 9-5-02;  
Parcels 1 and 17, Millilani, Oahu, Hawaii.  
Applicant: State Department of Education.

In accordance with Sec. 11-200-10, Title 11, Chap. 200,  
Department of Health Administrative Rules, we hereby inform you of  
the proposed development of the Millilani Mauka Elementary School by  
the State Department of Education (hereinafter "applicant") as  
described in greater detail hereinbelow. We respectfully request  
your comments, if any, on the proposed school. Please send your  
comments, if any, to our office by July 20, 1991.

This communication fulfills part of the applicant's  
requirements toward the preparation and submission of an  
Environmental Assessment ("EA") for the project in compliance with  
Chap. 34J, Hawaii Revised Statutes and Title 11, Chap. 200, DOH  
Administrative Rules.

Attached Exhibit "A" shows the proposed school location.  
Exhibit "B" presents a preliminary layout of the proposed project  
which will occupy approximately 9.3 acres of land. The school will  
be built in three phases as follows:

- Phase I \* Administrative Center; Cafetorium/Multi-Purpose Center. (See Complex "A", Exhibit "A").
- \* Library/Computer Resources and General Classrooms Building. (See Complex "B", Exhibit "A").
- \* 10 General Classrooms and 3 Special Education Classroom Building. (See Complex "C", Exhibit "A").
- \* 66 On-site Parking Stalls.

Castle & Cooke, Inc.  
July 10, 1991  
Page 2.

Phase II \* 12 Classrooms and Facility Center. (See Complex "D", Exhibit "A")  
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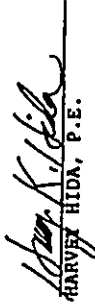
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(See Complex "D", Exhibit "A").

Portable classrooms will also be developed within the site although their development timetable has not been set. (See Complex "E", Exhibit "A"). For your information, it is anticipated that the proposed school will contain approximately 1,203 persons (68 teachers, 30 school staff personnel and 1,105 students) on-site during the school year.

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Thank you for your kind and prompt attention to this communication.

Sincerely,

  
HARVEY HIDA, P.E.

Attachments.

HIDA, OKAMOTO & ASSOCIATES, INC.  
CONSULTING ENGINEERS

HARVEY K. HIDA, P.E.  
ALAN T. OKAMOTO, P.E.

Fire Chief Lionel Camara  
July 10, 1991  
Page 2.

Phase II \* 12 Classrooms and Facility Center. (See Complex "D", Exhibit "A")  
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Phase III \* 12 Classrooms and Special Education Classroom.  
(See Complex "D", Exhibit "A").

Portable classrooms will also be developed within the site although their development timetable has not been set. (See Complex "E", Exhibit "A"). For your information, it is anticipated that the proposed school will contain approximately 1,203 persons (68 teachers, 30 school staff personnel and 1,105 students) on-site during the school year.

The proposed school is part of the larger, 1,200-acre Mililani Mauka Planned Community Project for which an Environmental Impact Statement was filed and accepted by your Department in 1987. That EIS disclosed the environmental impacts of the Mililani Mauka Master Plan, which includes the subject proposed elementary school, in accordance with the requirements of Chapter 343, Hawaii Revised Statutes, and Title 11, Chap. 200, DOH Administrative Rules. Exhibit "A" is a copy of that Master Plan.

Your Department participated in that EIS review process and commented that estimated water consumption rates for the Mililani Mauka project needed clarification and that the final EIS for the project should identify programs to reduce regional traffic impacts of the project. The final EIS addressed these comments.

Thank you for your kind and prompt attention to this communication.

Sincerely,

  
HARVEY HIDA, P.E.

Attachments.

July 10, 1991

Mr. Benjamin B. Lee  
Chief Planning Officer  
Department of General Planning  
City and County of Honolulu  
650 S. King Street, 8th Flr.  
Honolulu, Hawaii 96813

Dear Mr. Lee:

Subject: Environmental Assessment For The Proposed  
Mililani Mauka Elementary School Project  
TKM: 9-5-01: Parcels 11 and 16 and 9-5-02:  
Parcels 1 and 17, Mililani, Oahu, Hawaii.  
Applicant: State Department of Education.

In accordance with Sec. 11-200-10, Title 11, Chap. 200, Department of Health Administrative Rules, we hereby inform you of the proposed development of the Mililani Mauka Elementary School by the State Department of Education (hereinafter "applicant") as described in greater detail hereinbelow. We respectfully request your comments, if any, on the proposed school. Please send your comments, if any, to our office by July 20, 1991.

This communication fulfills part of the applicant's requirements toward the preparation and submission of an Environmental Assessment ("EA") for the project in compliance with Chap. 343, Hawaii Revised Statutes and Title 11, Chap. 200, DOH Administrative Rules.

Attached Exhibit "A" shows the proposed school location. Exhibit "B" presents a preliminary layout of the proposed project which will occupy approximately 9.3 acres of land. The school will be built in three phases as follows:

- Phase I \* Administrative Center; Cafetorium/Multi-Purpose Center. (See Complex "A", Exhibit "A").
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WILSON, JOHNSON & KENNEDY  
CONSULTING ENGINEERS

Mr. Warren H. Lee  
July 10, 1991  
Page 2.

HARVEY K. HIDA, P.E.  
ALAN T. OKAMOTO, P.E.

July 10, 1991

Mr. Warren H. Lee  
State Conservationist  
Soil Conservation Service  
U.S. Dept. of Agriculture  
P.O. Box 50004  
Honolulu, Hawaii 96850

Dear Lee:

Subject: Environmental Assessment For The Proposed  
Milliani Mauka Elementary School Project  
TMK: 9-5-01: Parcels 11 and 16 and 9-5-02:  
Parcels 1 and 17, Milliani, Oahu, Hawaii.  
Applicant: State Department of Education.

In accordance with Sec. 11-200-10, Title 11, Chap. 200,  
Department of Health Administrative Rules, we hereby inform you of  
the proposed development of the Milliani Mauka Elementary School by  
the State Department of Education (hereinafter "applicant") as  
described in greater detail hereinbelow. We respectfully request  
your comments, if any, on the proposed school. Please send your  
comments, if any, to our office by July 20, 1991.

This communication fulfills part of the applicant's  
requirements toward the preparation and submission of an  
Environmental Assessment ("EA") for the project in compliance with  
Chap. 343, Hawaii Revised Statutes and Title 11, Chap. 200, DOH  
Administrative Rules.

Attached Exhibit "A" shows the proposed school location.  
Exhibit "B" presents a preliminary layout of the proposed project  
which will occupy approximately 9.3 acres of land. The school will  
be built in three phases as follows:

- Phase I \* Administrative Center; Cafetorium/Multi-Purpose Center. (See Complex "A", Exhibit "A").
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- Phase II \* 12 Classrooms and Facility Center. (See Complex "D", Exhibit "A")
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- Phase III \* 12 Classrooms and Special Education Classroom. (See Complex "D", Exhibit "A").

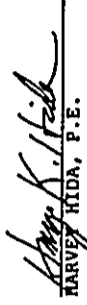
Portable classrooms will also be developed within the site although their development timetable has not been set. (See Complex "E", Exhibit "A").

The proposed school is part of the larger, 1,200-acre Milliani Mauka Planned Community Project for which an Environmental Impact Statement was filed and accepted by the Department of General Planning in 1987. That EIS disclosed the environmental impacts of the Milliani Mauka Master Plan, which includes the subject proposed elementary school, in accordance with the requirements of Chapter 343, Hawaii Revised Statutes, and Title 11, Chap. 200, DOH Administrative Rules. Exhibit "A" is a copy of that Master Plan.

Your agency participated in that EIS review process and had no comment to offer on the EIS.

Thank you for your kind and prompt attention to this communication.

Sincerely,

  
HARVEY HIDA, P.E.

Attachments.

CONSULTING ENGINEERS

HARVEY K. HIDA, P.E.  
ALAN T. OKAMOTO, P.E.

July 10, 1991

Mr. Kikus Cheung  
Chief, Engineering Division  
U.S. Army Engineering District, Honolulu  
Building 230  
Fort Shafter, Hawaii 96860-5020

Dear Mr. Cheung:

Subject: Environmental Assessment For The Proposed  
Millilani Mauka Elementary School Project  
THK: 9-5-01; Parcels 11 and 16 and 9-5-02;  
Parcels 1 and 17, Millilani, Oahu, Hawaii.  
Applicant: State Department of Education.

In accordance with Sec. 11-200-10, Title 11, Chap. 200,  
Department of Health Administrative Rules, we hereby inform you of  
the proposed development of the Millilani Mauka Elementary School by  
the State Department of Education (hereinafter "applicant") as  
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comments, if any, to our office by July 20, 1991.

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requirements toward the preparation and submission of an  
Environmental Assessment ("EA") for the project in compliance with  
Chap. 343, Hawaii Revised Statutes and Title 11, Chap. 200, DOH  
Administrative Rules.

Attached Exhibit "A" shows the proposed school location.  
Exhibit "B" presents a preliminary layout of the proposed project  
which will occupy approximately 9.3 acres of land. The school will  
be built in three phases as follows:

- Phase I \* Administrative Center; Cafetorium/Multi-Purpose Center. (See Complex "A", Exhibit "A").
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Mr. Kikus Cheung  
July 10, 1991  
Page 2.

Phase II \* 12 Classrooms and Facility Center. (See Complex "D", Exhibit "A")  
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Phase III \* 12 Classrooms and Special Education Classroom.  
(See Complex "D", Exhibit "A").

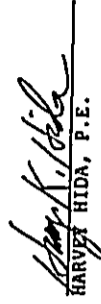
Portable classrooms will also be developed within the site although their development timetable has not been set. (See Complex "E", Exhibit "A").

The proposed school is part of the larger, 1,200-acre Millilani-Mauka Planned Community Project for which an Environmental Impact Statement was filed and accepted by the Department of General Planning in 1987. That EIS disclosed the environmental impacts of the Millilani Mauka Master Plan, which includes the subject proposed elementary school, in accordance with the requirements of Chapter 343, Hawaii Revised Statutes, and Title 11, Chap. 200, DOH Administrative Rules. Exhibit "A" is a copy of that Master Plan.

Your agency participated in that EIS review process and noted that a Dept. of the Army permit was not required by the Millilani Mauka project and that the project area, including the proposed school site, is designated Zone "C", area of minimal flooding, by the Federal Insurance Administration. This information was placed within the Millilani Mauka final EIS.

Thank you for your kind and prompt attention to this communication.

Sincerely,

  
HARVEY HIDA, P.E.

Attachments.

CONSULTING ENGINEERS

HARVEY K. HIDA, P.E.  
ALANT. OKAMOTO, P.E.

Mr. W.K. Liu  
July 10, 1991  
Page 2.

Phase II \* 12 Classrooms and Facility Center. (See Complex "D", Exhibit "A")  
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Phase III \* 12 Classrooms and Special Education Classroom.  
(See Complex "D", Exhibit "A").

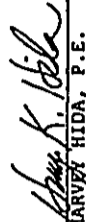
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The proposed school is part of the larger, 1,200-acre Millilani-Mauka Planned Community Project for which an Environmental Impact Statement was filed and accepted by the Department of General Planning in 1987. That EIS disclosed the environmental impacts of the Millilani Mauka Master Plan, which includes the subject proposed elementary school, in accordance with the requirements of Chapter 343, Hawaii Revised Statutes, and Title 11, Chap. 200, DOH Administrative Rules. Exhibit "A" is a copy of that Master Plan.

The Navy commented on that EIS, expressing concern that the impact of the Millilani Mauka project on water supply within the Pearl Harbor Groundwater Control Area (PHGWCA) needed full evaluation and that the flow of sediments from the project into Pearl Harbor should be prevented. The project's final EIS responded that, although the project would draw potable water from the PHGWCA, the project's impacts to the sustainable yield of the Pearl Harbor Aquifer can be mitigated by reductions of water exports from the PHGWCA; increase in water imports to the PHGWCA; and the acquisition of existing allocations within the PHGWCA by the Millilani Mauka project. It also noted that the necessary precautions will be taken to avoid impacts to the Harbor.

Thank you for your kind and prompt attention to this communication.

Sincerely,

  
HARVEY HIDA, P.E.

Attachments.

July 10, 1991

Mr. W. K. Liu  
Assistant Base Civil Engineer  
Department of the Navy  
Naval Base Pearl Harbor  
P.O. Box 110  
Pearl Harbor, Hawaii 96860-5020

Dear Mr. Liu

Subject: Environmental Assessment For The Proposed Millilani Mauka Elementary School Project  
TMK: 9-5-01: Parcels 11 and 16 and 9-5-02: Parcels 1 and 17, Millilani, Oahu, Hawaii.  
Applicant: State Department of Education.

In accordance with Sec. 11-200-10, Title 11, Chap. 200, Department of Health Administrative Rules, we hereby inform you of the proposed development of the Millilani Mauka Elementary School by the State Department of Education (hereinafter "applicant") as described in greater detail hereinbelow. We respectfully request your comments, if any, on the proposed school. Please send your comments, if any, to our office by July 20, 1991.

This communication fulfills part of the applicant's requirements toward the preparation and submission of an Environmental Assessment ("EA") for the project in compliance with Chap. 343, Hawaii Revised Statutes and Title 11, Chap. 200, DOH Administrative Rules.

Attached Exhibit "A" shows the proposed school location. Exhibit "B" presents a preliminary layout of the proposed project which will occupy approximately 9.3 acres of land. The school will be built in three phases as follows:

- Phase I \* Administrative Center; Cafetorium/Multi-Purpose Center. (See Complex "A", Exhibit "A").
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- \* 66 On-site Parking Stalls.

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HARVEY K. HIDA, P.E.  
ALAN T. OKAMOTO, P.E.  
CONSULTING ENGINEERS

HARVEY K. HIDA, P.E.  
ALAN T. OKAMOTO, P.E.

Mr. Ernest Kosaka  
July 10, 1991  
Page 2.

Phase II \* 12 Classrooms and Facility Center. (See Complex "D", Exhibit "A")  
\* 45 On-site Parking Stalls.

Phase III \* 12 Classrooms and Special Education Classroom.  
(See Complex "D", Exhibit "A").

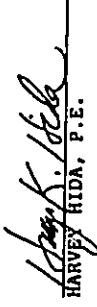
Portable classrooms will also be developed within the site although their development timetable has not been set. (See Complex "E", Exhibit "A").

The proposed school is part of the larger, 1,200-acre Millilani-Mauka Planned Community Project for which an Environmental Impact Statement was filed and accepted by the Department of General Planning in 1987. That EIS disclosed the environmental impacts of the Millilani Mauka Master Plan, which includes the subject proposed elementary school, in accordance with the requirements of Chapter 343, Hawaii Revised Statutes, and Title 11, Chap. 200, DOH Administrative Rules. Exhibit "A" is a copy of that Master Plan.

Your agency participated in that EIS review process and was concerned about the effects of surface water runoff and drainage on water quality within Waikakalaua and Kipapa Streams. The final EIS cited the State DLNR Aquatic Division's finding that water quality in these streams would not be adversely affected by the Millilani Mauka project.

Thank you for your kind and prompt attention to this communication.

Sincerely,

  
HARVEY HIDA, P.E.

Attachments.

July 10, 1991

Mr. Ernest Kosaka  
Field Office Supervisor  
Fish & Wildlife Enhancement  
U.S. Dept. of the Interior  
Fish & Wildlife Service  
Pacific Islands Office  
P.O. Box 50167  
Honolulu, Hawaii 96850

Dear Kosaka:

Subject: Environmental Assessment For The Proposed Millilani Mauka Elementary School Project.  
TRK: 9-5-01: Parcels 11 and 16 and 9-5-02: Parcels 1 and 17, Millilani, Oahu, Hawaii.  
Applicant: State Department of Education.

In accordance with Sec. 11-200-10, Title 11, Chap. 200, Department of Health Administrative Rules, we hereby inform you of the proposed development of the Millilani Mauka Elementary School by the State Department of Education (hereinafter "applicant") as described in greater detail hereinbelow. We respectfully request your comments, if any, on the proposed school. Please send your comments, if any, to our office by July 20, 1991.

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MILLILANI MAUKA PLANNED COMMUNITY PROJECT  
CONSULTING ENGINEERS

HARVEY K. HIDA, P.E.  
ALAN T. OKAMOTO, P.E.

Dr. John C. Lewin, M.D.  
July 10, 1991  
Page 2.

Phase II \* 12 Classrooms and Facility Center. (See Complex "D", Exhibit "A")  
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Phase III \* 12 Classrooms and Special Education Classroom.  
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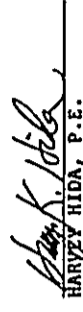
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Your Department participated in that EIS review process and noted that its comments were incorporated into the final EIS for the Millilani Mauka project and that it had continued concern about the loss of recharge area for the Pearl Harbor Aquifer from converting agricultural land to urban land. The final EIS noted that the Millilani Mauka would reduce the available recharge area for the Pearl Harbor Groundwater Control Area by approximately one percent (1%) and that most of the recharge for this aquifer occurs in the upper reaches of the Koolau Forest Reserve. Thus, the EIS concluded that actual impact of that Millilani Mauka project to daily recharge of the aquifer would be insignificant.

Thank you for your kind and prompt attention to this communication.

Sincerely,

  
HARVEY HIDA, P.E.

Attachments.

July 10, 1991

Dr. John C. Lewin, M.D.  
Director  
Department of Health  
State of Hawaii  
P.O. Box 3378  
Honolulu, Hawaii 96801

Dear Dr. Lewin:

Subject: Environmental Assessment For The Proposed Millilani Mauka Elementary School Project  
TRK: 9-5-01; Parcels 11 and 16 and 9-5-02; Parcels 1 and 17, Millilani, Oahu, Hawaii.  
Applicant: State Department of Education.

In accordance with Sec. 11-200-10, Title 11, Chap. 200, Department of Health Administrative Rules, we hereby inform you of the proposed development of the Millilani Mauka Elementary School by the State Department of Education (hereinafter "applicant") as described in greater detail hereinbelow. We respectfully request your comments, if any, on the proposed school. Please send your comments, if any, to our office by July 20, 1991.

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  - \* 66 On-site Parking Stalls.

CONSULTING ENGINEERS

HARVEY K. HIDA, P.E.  
ALAN T. OKAMOTO, P.E.

July 10, 1991

Mr. Lt. Col. Jerry M. Matsuda  
Contracting & Engineering Officer  
Hawaii Air National Guard  
Department of Defense  
State of Hawaii  
3949 Diamond Head Road  
Honolulu, Hawaii 96816-4495

Dear Lt. Col. Matsuda:

Subject: Environmental Assessment For The Proposed  
Milliani Mauka Elementary School Project  
TMX: 9-5-01: Parcels 11 and 16 and 9-5-02:  
Parcels 1 and 17, Milliani, Oahu, Hawaii.  
Applicant: State Department of Education.

In accordance with Sec. 11-200-10, Title 11, Chap. 200,  
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- \* 66 On-site Parking Stalls.

Lt. Col. Jerry M. Matsuda  
July 10, 1991  
Page 2.

- Phase II \* 12 Classrooms and Facility Center. (See Complex "D", Exhibit "A")
- \* 45 On-site Parking Stalls.
- Phase III \* 12 Classrooms and Special Education Classroom. (See Complex "D", Exhibit "A").

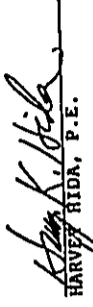
Portable classrooms will also be developed within the site although their development timetable has not been set. (See Complex "E", Exhibit "A").

The proposed school is part of the larger, 1,200-acre Milliani-Mauka Planned Community Project for which an Environmental Impact Statement was filed and accepted by the Department of General Planning in 1987. That EIS disclosed the environmental impacts of the Milliani Mauka Master Plan, which includes the subject proposed elementary school, in accordance with the requirements of Chapter 343, Hawaii Revised Statutes, and Title 11, Chap. 200, DOH Administrative Rules. Exhibit "A" is a copy of that Master Plan.

Your agency participated in that EIS review process and had no comment on the project.

Thank you for your kind and prompt attention to this communication.

Sincerely,

  
HARVEY HIDA, P.E.

Attachments.



INCORPORATED  
CONSULTING ENGINEERS

Mr. Yukio Kitagawa  
July 10, 1991  
Page 2.

HARVEY K. HIDA, P.E.  
ALAN T. OKAMOTO, P.E.

Phase II \* 12 Classrooms and Facility Center. (See Complex "D", Exhibit "A")  
\* 45 On-site Parking Stalls.

Phase III \* 12 Classrooms and Special Education Classroom.  
(See Complex "D", Exhibit "A").

Portable classrooms will also be developed within the site although their development timetable has not been set. (See Complex "E", Exhibit "A").

July 10, 1991

Mr. Yukio Kitagawa  
Chairman,  
Department of Agriculture  
State of Hawaii  
1428 S. King Street  
Honolulu, Hawaii 96814-2512

Dear Mr. Kitagawa:

Subject: Environmental Assessment For The Proposed Millilani Mauka Elementary School Project  
THK: 9-5-01: Parcels 11 and 16 and 9-5-02: Parcels 1 and 17, Millilani, Oahu, Hawaii.  
Applicant: State Department of Education.

In accordance with Sec. 11-200-10, Title 11, Chap. 200, Department of Health Administrative Rules, we hereby inform you of the proposed development of the Millilani Mauka Elementary School by the State Department of Education (hereinafter "applicant") as described in greater detail hereinbelow. We respectfully request your comments, if any, on the proposed school. Please send your comments, if any, to our office by July 20, 1991.

This communication fulfills part of the applicant's requirements toward the preparation and submission of an Environmental Assessment ("EA") for the project in compliance with Chap. 343, Hawaii Revised Statutes and Title 11, Chap. 200, DOH Administrative Rules.

Attached Exhibit "A" shows the proposed school location. Exhibit "B" presents a preliminary layout of the proposed project which will occupy approximately 9.3 acres of land. The school will be built in three phases as follows:

- Phase I \* Administrative Center; Cafeterium/Multi-Purpose Center. (See Complex "A", Exhibit "A").
- \* Library/Computer Resources and General Classrooms Building. (See Complex "B", Exhibit "A").
- \* 10 General Classrooms and 3 Special Education Classroom Building. (See Complex "C", Exhibit "A").
- \* 66 On-site Parking Stalls.

The proposed school is part of the larger, 1,200-acre Millilani-Mauka Planned Community project for which an Environmental Impact Statement was filed and accepted by the Department of General Planning in 1987. That EIS disclosed the environmental impacts of the Millilani Mauka Master Plan, which includes the subject proposed elementary school, in accordance with the requirements of Chapter 343, Hawaii Revised Statutes, and Title 11, Chap. 200, DOH Administrative Rules. Exhibit "A" is a copy of that Master Plan.

Your Department participated in that EIS review process and noted that the EIS for the Millilani Mauka project satisfactorily addressed most of the concerns it have about the project and that government agencies need to address the cumulative impact of Central Oahu developments on Oahu's agricultural resources. The final EIS concurred with your Department's view that the affected public agencies needed to address the cumulative region- or industry-wide assessment of such developments on the Island's agricultural resources.

Thank you for your kind and prompt attention to this communication.

Sincerely,

  
HARVEY HIDA, P.E.

Attachments.

HAWAIIAN ENVIRONMENTAL CONSULTING ENGINEERS  
1440 KAPOLOA BLVD., SUITE 915, HONOLULU, HAWAII 96814  
PHONE (808) 942-0066 • FAX (808) 947-7516

HARVEY K. HIDA, P.E.  
ALAN T. OKAMOTO, P.E.

Mr. Walter M. Ozawa  
July 10, 1991  
Page 2.

Phase II \* 12 Classrooms and Facility Center. (See Complex "D", Exhibit "A")  
\* 45 On-site Parking Stalls.

Phase III \* 12 Classrooms and Special Education Classroom.  
(See Complex "D", Exhibit "A").

Portable classrooms will also be developed within the site although their development timetable has not been set. (See Complex "E", Exhibit "A"). For your information, it is anticipated that the proposed school will contain approximately 1,203 persons (68 teachers, 30 school staff personnel and 1,105 students) on-site during the school year.

Subject: Environmental Assessment For The Proposed Millilani Mauka Elementary School Project  
TRK: 9-5-01: Parcels 11 and 16 and 9-5-D-2: Parcels 1 and 17, Millilani, Oahu, Hawaii.  
Applicant: State Department of Education.

In accordance with Sec. 11-200-10, Title 11, Chap. 200, Department of Health Administrative Rules, we hereby inform you of the proposed development of the Millilani Mauka Elementary School by the State Department of Education (hereinafter "applicant") as described in greater detail hereinbelow. We respectfully request your comments, if any, on the proposed school. Please send your comments, if any, to our office by July 20, 1991.

This communication fulfills part of the applicant's requirements toward the preparation and submission of an Environmental Assessment ("EA") for the project in compliance with Chap. 343, Hawaii Revised Statutes and Title 11, Chap. 200, DOH Administrative Rules.

Attached Exhibit "A" shows the proposed school location. Exhibit "B" presents a preliminary layout of the proposed project which will occupy approximately 9.3 acres of land. The school will be built in three phases as follows:

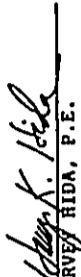
- Phase I \* Administrative Center; Cafeteria/Multi-Purpose Center. (See Complex "A", Exhibit "A").  
\* Library/Computer Resources and General Classrooms Building. (See Complex "B", Exhibit "A").  
\* 10 General Classrooms and 3 Special Education Classroom Building. (See Complex "C", Exhibit "A").  
\* 66 On-site Parking Stalls.

The proposed school is part of the larger, 1,200-acre Millilani Mauka Planned Community Project for which an Environmental Impact Statement was filed and accepted by the City Department of General Planning in 1987. That EIS disclosed the environmental impacts of the Millilani Mauka Master Plan, which includes the subject proposed elementary school, in accordance with the requirements of Chapter 343, Hawaii Revised Statutes, and Title 11, Chap. 200, DOH Administrative Rules. Exhibit "A" is a copy of that Master Plan.

Your Department participated in that EIS review process and commented that the recreational needs of the project have been addressed by the establishment of public and private parks as shown in the Millilani Mauka Master Plan (See Exhibit "A") and that the locations of the proposed parks are conceptually acceptable.

Thank you for your kind and prompt attention to this communication.

Sincerely,

  
HARVEY HIDA, P.E.

Attachments.

STATE OF HAWAII  
DEPARTMENT OF HEALTH  
CONSULTING ENGINEERS

HARVEY K. HIDA, P.E.  
ALANT. OKAMOTO, P.E.

Mr. Donald A. Clegg  
July 10, 1991  
Page 2.

Phase II \* 12 Classrooms and Facility Center. (See Complex "D", Exhibit "A")  
\* 45 On-site Parking Stalls.

Phase III \* 12 Classrooms and Special Education Classroom. (See Complex "D", Exhibit "A").

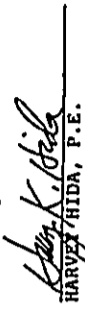
Portable classrooms will also be developed within the site although their development timetable has not been set. (See Complex "E", Exhibit "A"). For your information, it is anticipated that the proposed school will contain approximately 1,203 persons (68 teachers, 30 school staff personnel and 1,105 students) on-site during the school year.

The proposed school is part of the larger, 1,200-acre Millilani Mauka Planned Community Project for which an Environmental Impact Statement was filed and accepted by the City Department of General Planning in 1987. That EIS disclosed the environmental impacts of the Millilani Mauka Master Plan, which includes the subject proposed elementary school, in accordance with the requirements of Chapter 343, Hawaii Revised Statutes, and Title 11, Chap. 200, DOH Administrative Rules. Exhibit "A" is a copy of that Master Plan.

Your Department participated in that EIS review process and commented with respect to the need for precise figures on estimated aircraft noise exposure within the Millilani Mauka project; the control of wastewater effluent flow from the project into the Waipahu Wastewater Treatment Plant; and the need to assure that water reallocated from the Oahu Sugar Company for domestic use by the project would meet water quality standards pertaining to levels of salinity. The final EIS provided detailed figures on estimated aircraft noise exposure and addressed your Department's other concerns.

Thank you for your kind and prompt attention to this communication.

Sincerely,

  
HARVEY HIDA, P.E.

Attachments.

July 10, 1991

Mr. Donald A. Clegg  
Director  
Department of Land Utilization  
City and County of Honolulu  
630 S. King Street, 7th Flr.  
Honolulu, Hawaii 96813

Dear Mr. Clegg:

Subject: Environmental Assessment For The Proposed Millilani Mauka Elementary School Project  
TRM: 9-5-01: Parcels 11 and 16 and 9-5-02: Parcels 1 and 17, Millilani, Oahu, Hawaii.  
Applicant: State Department of Education.

In accordance with Sec. 11-200-10, Title 11, Chap. 200, Department of Health Administrative Rules, we hereby inform you of the proposed development of the Millilani Mauka Elementary School by the State Department of Education (hereinafter "applicant") as described in greater detail hereinbelow. We respectfully request your comments, if any, on the proposed school. Please send your comments, if any, to our office by July 20, 1991.

This communication fulfills part of the applicant's requirements toward the preparation and submission of an Environmental Assessment ("EA") for the project in compliance with Chap. 343, Hawaii Revised Statutes and Title 11, Chap. 200, DOH Administrative Rules.

Attached Exhibit "A" shows the proposed school location. Exhibit "B" presents a preliminary layout of the proposed project which will occupy approximately 9.3 acres of land. The school will be built in three phases as follows:

- Phase I \* Administrative Center; Cafeteria/Multi-Purpose Center. (See Complex "A", Exhibit "A").
- \* Library/Computer Resources and General Classrooms Building. (See Complex "B", Exhibit "A").
- \* 10 General Classrooms and 3 Special Education Classroom Building. (See Complex "C", Exhibit "A").
- \* 66 On-site Parking Stalls.

The Commerce Tower • 1440 Kapiolani Blvd. • Suite 915 • Honolulu, Hawaii 96814  
Phone (808) 942-0066 • Fax (808) 947-7546

**APPENDIX I-C**  
**CONSULTATION INQUIRIES SENT TO CONSULTED AGENCIES**  
**AND ORGANIZATIONS**



William A. Bonnet  
Manager  
Environmental Department

Hawaiian Electric Company, Inc. • PO Box 2750 • Honolulu, HI 96840-0001

July 26, 1991

**RECEIVED**  
JUL 27 1991

HDA OKAMOTO & ASSOCIATES, INC.

Mr. Harvey Hida, P.E.  
Hida, Okamoto & Associates, Inc.  
The Commerce Tower  
1440 Kapiolani Blvd, Suite 915  
Honolulu, Hawaii 96814

Dear Mr. Hida:

Subject: Draft Environmental Assessment (DEA) for the Proposed  
Millilani Mauka Elementary School Project

We have reviewed the subject DEA, and have no comments at this time on the proposed development in the subject area. HECO shall reserve comment pertaining to the protection of existing power lines bordering the development area until construction plans are finalized.

Sincerely,

*William A. Bonnet*

An HEI Company

HARVEY K. HIDA, P.E.  
ALAN T. OKAMOTO, P.E.

HARVEY K. HIDA & ALAN T. OKAMOTO, P.E.  
CONSULTING ENGINEERS

August 5, 1991

Mr. William A. Bonnet  
Manager  
Environmental Department  
Hawaiian Electric Co., Inc.  
P.O. Box 2750  
Honolulu, Hawaii 96840-0001

Dear Mr. Bonnet:

Subject: Environmental Assessment, Proposed Millilani  
Mauka Elementary School; Millilani, Oahu.  
TRK: 9-5-01: 11 and 16, and 9-5-02: 1 and 17.

This acknowledges our receipt of your July 26, 1991 letter informing us that your agency has reviewed the above-captioned environmental assessment and has no comments on the proposed school and that HECO reserves comment pertaining to the protection of existing power lines bordering the project area until construction plans are finalized.

Thank you for reviewing the project and for your communication thereon.

Sincerely,

*Harvey Hida*  
HARVEY HIDA, P.E.

The Commerce Tower • 1440 Kapiolani Blvd. • Suite 915 • Honolulu, Hawaii 96814  
Phone (808) 942-0066 • Fax (808) 947-7546

**Castle & Cooke**  
Residential, Inc.  
A Division of Castle & Cooke Properties, Inc.

P.O. Box 2780, Honolulu, Hawaii 96803

Hida, Okamoto & Associates, Inc.  
Consulting Engineers  
1440 Kepioloani Boulevard, Suite 915  
Honolulu, Hawaii 96814

Attention: Mr. Alan Okamoto

Gentlemen:

Subject: Proposed Millilani Mauka Elementary School

Thank you for your request for comments for your submission of the Environmental Assessment for the proposed elementary school. We have no comments at this time. However, we would appreciate an opportunity to review a more detailed set of plans at a later date.

In response to your inquiry on the status of the retaining wall at Kumelewa Court along the proposed elementary school, the concrete and CMU portions of the wall have been constructed. Enclosed is a copy of the wall profile for your use. Should you have any questions, please feel free to call.

Very truly yours,

CASTLE & COOKE RESIDENTIAL, INC.

*Alan K. Arakawa*  
Alan K. Arakawa  
Manager, Planning & Engineering

Enclosure

**CASTLE & COOKE**  
CONSULTING ENGINEERS

HARVEY K. HIDA, P.E.  
ALAN T. OKAMOTO, P.E.

**RECEIVED**  
AUG 1 1991

HDA, OKAMOTO & ASSOCIATES, INC.

August 5, 1991

Mr. Alan K. Arakawa  
Manager, Planning & Engineering  
Castle & Cooke Residential, Inc.  
P.O. Box 2780  
Honolulu, Hawaii 96803

Dear Mr. Arakawa:

Subject: Environmental Assessment, Proposed Millilani Mauka Elementary School, Millilani, Oahu.  
THK: 9-5-01: 11 and 16 and 9-1-02: 1 and 17.

This acknowledges our receipt of your July 29, 1991 letter on the above-captioned project informing us that Castle & Cooke, Inc., developer of Millilani Mauka, has no comments on the project at this time.

We truly appreciate your review of the project and your communication thereon.

Sincerely,

*Harvey K. Hida*  
HARVEY HIDA, P.E.



DEPARTMENT OF THE ARMY  
U. S. ARMY ENGINEER DISTRICT, HONOLULU  
BUILDING 330  
FT. SHAFTER, HAWAII 96824-4400

REPLY TO  
ATTENTION OF:

Planning Division

HIDA, OKAMOTO & ASSOCIATES, INC.

July 25, 1991

Mr. Harvey Hida, P.E.  
Hida, Okamoto & Associates, Inc.  
The Commerce Tower  
1440 Kapiolani Blvd., Suite 915  
Honolulu, Hawaii 96814

Dear Mr. Hida:

Thank you for the opportunity to review and comment on the environmental assessment preparation notice (letter dated July 10, 1991) for the proposed Mililani Hauka Elementary School Project, Mililani, Oahu (THK 9-5-01: 11, 16, and THK 9-5-02: 1, 17). The following comments are provided pursuant to Corps of Engineers authorities to disseminate flood hazard information under the Flood Control Act of 1960 and to issue Department of the Army (DA) permits under the Clean Water Act; the Rivers and Harbors Act of 1899; and the Marine Protection, Research and Sanctuaries Act.

- a. A DA permit is not required for this project.
- b. As correctly noted on page 2 of your letter, the project site is in Zone C (areas of minimal flooding).

Sincerely,

*Harvey Hida*  
Harvey Hida  
Director of Engineering

HIDA, OKAMOTO & ASSOCIATES, INC.  
CONSULTING ENGINEERS

HARVEY K. HIDA, P.E.  
ALAN T. OKAMOTO, P.E.

August 5, 1991

Mr. Kisuk Cheung  
Director of Engineering  
Planning Division  
U.S. Army Engineer District, Honolulu  
Department of the Army  
Building 230  
Fort Shafter, Hawaii 96850

Dear Mr. Cheung:

Subject: Environmental Assessment; Proposed Mililani Hauka Elementary School, Mililani, Oahu.  
THK: 9-5-01: 11 and 16 and 9-5-02: 1 and 17.

This acknowledges our receipt of your July 25, 1991 comments on the above-captioned project informing us that the project does not require a Department of the Army permit under the Clean Water Act, the Rivers and Harbors Act of 1899 and the Marine Protection, Research and Sanctuaries Act and that the project site is located in Zone C (areas of minimal flooding).

Thank you for your comments which are greatly appreciated.

Sincerely,

*Harvey Hida*  
Harvey Hida, P.E.

DEPARTMENT OF PUBLIC WORKS  
**CITY AND COUNTY OF HONOLULU**  
300 SOUTH KING STREET  
HONOLULU, HAWAII 96813



PRINTED ON  
RECYCLED PAPER

**MDA OKAMOTO & ASSOCIATES, INC.**  
CONSULTING ENGINEERS

HARVEY K. HIDA, P.E.  
ALAN T. OKAMOTO, P.E.

SAM CALLEJO  
DIRECTOR AND CHIEF ENGINEER  
CITY AND COUNTY OF HONOLULU  
300 SOUTH KING STREET  
HONOLULU, HAWAII 96813  
ENV 91-143

**RECEIVED**  
JUL 19 1991

MDA OKAMOTO & ASSOCIATES, INC.

August 5, 1991

Mr. Harvey Hida, P.E.  
Hida, Okamoto & Associates, Inc.  
1440 Kapiolani Boulevard  
Suite 915  
Honolulu, Hawaii 96814

Dear Mr. Hida:

Subject: Environmental Assessment (EA)  
Milliani Hauke Elementary School  
THK: 9-5-01:11 & 16; 9-5-02:1 & 17

We have reviewed the subject EA and have no comments to offer at this time.

Mr. Sam Callejo  
Director and Chief Engineer  
Department of Public Works  
City & County of Honolulu  
650 S. King Street  
Honolulu, Hawaii 96813

Dear Mr. Callejo:

Subject: Environmental Assessment, Proposed Milliani  
Hauke Elementary School; Milliani, Oahu.  
THK: 9-5-01: 11 and 16, and 9-5-02: 1 and 17.

This acknowledges our receipt of your July 15, 1991 letter informing us that your agency has no comments on the above-captioned project.

Thank you for reviewing the project and for your communication thereon.

Sincerely,

*Sam Callejo*  
SAM CALLEJO  
DIRECTOR AND CHIEF ENGINEER

Very truly yours,  
*Sam Callejo*  
SAM CALLEJO  
Director and Chief Engineer



HARVEY K. HIDA, P.E.  
ALAN I. OKAMOTO, P.E.  
CONSULTING ENGINEERS

DEPARTMENT OF PARKS AND RECREATION  
CITY AND COUNTY OF HONOLULU  
1440 KAPOLOANI BLVD.  
HONOLULU HAWAII 96814



WALTER M. OZAWA  
DIRECTOR  
ALAN I. OKAMOTO  
CONSULTING ENGINEERS

July 24, 1991

RECEIVED  
JUL 27 1991

HWA, OKAMOTO & ASSOCIATES, INC.

Mr. Harvey Hida, P.E.  
Hida, Okamoto & Associates, Inc.  
The Commerce Tower  
1440 Kapiolani Boulevard, Suite 915  
Honolulu, Hawaii 96814

Dear Mr. Hida:

Subject: Environmental Assessment for the Proposed  
Milliani Mauka Elementary School Project  
Tax Map Key 9-5-01: Parcels 11 & 16  
and 9-5-02: Parcels 1 & 17

We have reviewed the preliminary information for the  
proposed Milliani Mauka Elementary School Project and have  
no comment to offer at this time.

Should you have any questions, please contact Lester Lei  
of the Advance Planning Branch at 523-6696.

Sincerely,

*Walter M. Ozawa*  
WALTER M. OZAWA  
Director

WMO:el

August 5, 1991

Mr. Walter M. Ozawa  
Director  
Department of Parks and Recreation  
City & County of Honolulu  
650 S. King Street  
Honolulu, Hawaii 96813

Dear Mr. Ozawa:

Subject: Environmental Assessment, Proposed Milliani  
Mauka Elementary School; Milliani, Oahu.  
TKM: 9-5-01: 11 and 16, and 9-5-02: 1 and 17.

This acknowledges our receipt of your July 24, 1991  
letter informing us that your agency has no comments on the above-  
captioned project.

Thank you for reviewing the project and for your  
communication thereon.

Sincerely,

*Harvey Hida*  
HARVEY HIDA, P.E.

The Commerce Tower • 1440 Kapiolani Blvd. • Suite 915 • Honolulu, Hawaii 96814  
Phone (808) 942-0066 • Fax (808) 947-7546

HARVEY K. HIDA, P.E.  
CONSULTING ENGINEERS

HARVEY K. HIDA, P.E.  
ALAN T. OKAMOTO, P.E.

DEPARTMENT OF HOUSING AND COMMUNITY DEVELOPMENT  
CITY AND COUNTY OF HONOLULU

1440 KAPIOLANI BLVD., 8TH FLOOR  
HONOLULU, HAWAII 96814  
PHONE: 808-521-5151 FAX: 808-521-5152



RECEIVED  
JUL 18 1991

HIDA, OKAMOTO & ASSOCIATES, INC.

July 17, 1991

Mr. Harvey Hida, P.E.  
Hida, Okamoto & Associates, Inc.  
The Commerce Tower  
1440 Kapiolani Boulevard, Suite 915  
Honolulu, Hawaii 96814

Dear Mr. Hida:

Subject: Environmental Assessment for the Proposed Millilani Hauka  
Elementary School  
Tax Map Key: 9-5-01: 11 and 16 and 9-5-02: 1 and 17  
Millilani, Oahu, Hawaii

Thank you for informing the Department of the subject development. We  
have no comments to offer at this time.

Sincerely,

*Michael N. Scarfone*  
MICHAEL N. SCARFONE  
Director

August 5, 1991

Mr. Michael N. Scarfone  
Director  
Department of Housing & Community  
Development  
City & County of Honolulu  
650 S. King Street, 5th Flr.  
Honolulu, Hawaii 96813

Dear Mr. Scarfone:

Subject: Environmental Assessment, Proposed Millilani  
Hauka Elementary School; Millilani, Oahu.  
TMK: 9-5-01: 11 and 16, and 9-5-02: 1 and 17.

This acknowledges our receipt of your July 17, 1991  
letter informing us that your agency has no comments on the above-  
captioned project.

Thank you for reviewing the project and for your  
communication thereon.

Sincerely,

*Harvey Hida*  
HARVEY HIDA, P.E.

The Commerce Tower • 1440 Kapiolani Blvd. • Suite 915 • Honolulu, Hawaii 96814  
Phone (808) 942-0068 • Fax (808) 947-7546

BUILDING DEPARTMENT  
CITY AND COUNTY OF HONOLULU  
HONOLULU MUNICIPAL BUILDING  
325 BERTHELETT STREET  
HONOLULU, HAWAII 96813



FRANK P. JANI  
MAYOR

HARVEY K. HIDA, P.E.  
ALAN T. OKAMOTO, P.E.

HIDA, OKAMOTO & ASSOCIATES, INC.  
CONSULTING ENGINEERS

HERBERT K. MURAOKA  
DIRECTOR AND BUILDING SUPERINTENDENT

PB 91-790

RECEIVED  
JUL 20 1991

July 19, 1991

HIDA, OKAMOTO & ASSOCIATES, INC.

Hida, Okamoto & Associates  
The Commerce Tower  
1440 Kapiolani Boulevard, Suite 915  
Honolulu, Hawaii 96814

Gentlemen:

Subject: Environmental Assessment for the Proposed  
Milliani Mauka Elementary School Project  
TMK: 9-5-011 parcels 11 and 16 and 9-5-02:  
Parcels 1 and 17, Milliani, Oahu, Hawaii  
Applicant: State Department of Education

We have reviewed your letter dated July 10, 1991 regarding  
the subject matter and have no comments to offer.

Very truly yours,

HERBERT K. MURAOKA  
Director and Building Superintendent

cc: J. Harada

August 5, 1991

Mr. Herbert K. Muraoka  
Director and Building Superintendent  
Building Department  
City & County of Honolulu  
650 S. King Street, 1st Flr.  
Honolulu, Hawaii 96813

Dear Mr. Muraoka:

Subject: Environmental Assessment, Proposed Milliani  
Mauka Elementary School; Milliani, Oahu.  
TMK: 9-5-01: 11 and 16, and 9-5-02: 1 and 17.

This acknowledges our receipt of your July 19, 1991  
letter informing us that your agency has no comments on the above-  
captioned project.

Thank you for reviewing the project and for your  
communication thereon.

Sincerely,

HARVEY HIDA, P.E.

The Commerce Tower • 1440 Kapiolani Blvd. • Suite 915 • Honolulu, Hawaii 96814  
Phone (808) 942-0066 • Fax (808) 947-7546

FIRE DEPARTMENT  
CITY AND COUNTY OF HONOLULU

1410 SOUTH BEECHAM STREET, ROOM 303  
HONOLULU, HAWAII 96814

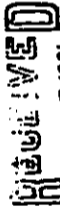


FRANK P. JIM  
MAYOR

LIONEL E. CAMARA  
FIRE CHIEF  
1455 S. BERETANIA STREET, RM. 305  
HONOLULU, HAWAII 96814

July 25, 1991

Mr. Harvey Hida, P.E.  
Hida, Okamoto & Associates, Inc.  
The Commerce Tower  
1440 Kapiolani Boulevard, Suite 915  
Honolulu, Hawaii 96814



JUL 27 1991

HIDA, OKAMOTO & ASSOCIATES, INC.

Dear Mr. Hida:

We have reviewed the subject material provided and foresee no adverse impact in Fire Department facilities or services. Fire protection services provided from Milliani and Mahiava engine companies with ladder service from Wai'au are adequate. The new Milliani-Hauka Fire Station is being planned for occupancy in fiscal year 1994-95.

Access for fire apparatus, water supply and building construction shall be in conformance to existing codes and standards.

If you have any questions, please contact Acting Assistant Chief Attiffo Leonard at 943-3838.

Very truly yours,

*Lionel E. Camara*  
LIONEL E. CAMARA  
Fire Chief

LEC/AXL:lm

HIDA, OKAMOTO & ASSOCIATES, INC.  
CONSULTING ENGINEERS

HARVEY K. HIDA, P.E.  
ALAN T. OKAMOTO, P.E.

August 5, 1991

Mr. Lionel E. Camara  
Fire Chief  
Honolulu Fire Department  
City & County of Honolulu  
1455 S. Beretania Street, Rm. 305  
Honolulu, Hawaii 96814

Dear Chief Camara:

Subject: Environmental Assessment, Proposed Milliani  
Mauka Elementary School, Milliani, Oahu.  
TRK: 9-5-01: 11 and 16 and 9-5-02: 1 and 17.

This acknowledges our receipt of your July 15, 1991 comments on the above-captioned project informing us that the Fire Department foresees no adverse impact on Fire Department facilities and services generated by the proposed school and that fire protection services provided from the Milliani and Mahiava engine companies with ladder service from Wai'au are adequate to serve the school.

Thank you for reviewing the project and for your comments.

Sincerely,

*Harvey K. Hida*  
HARVEY HIDA, P.E.

The Commerce Tower • 1440 Kapiolani Blvd. • Suite 915 • Honolulu, Hawaii 96814  
Phone (808) 942-0066 • Fax (808) 947-7546

POLICE DEPARTMENT  
**CITY AND COUNTY OF HONOLULU**

1440 KAPIOLANI BOULEVARD, SUITE 915, HONOLULU, HAWAII 96814  
PHONE (808) 525-3111 FAX (808) 525-3111



FRANK P. PAI  
WATER

OUR REFERENCE HS-LX

July 18, 1991

**RECEIVED**  
JUL 20 1991

HDA, OKAMOTO & ASSOCIATES, INC.

Mr. Harvey Hida, P.E.  
Hida, Okamoto & Associates, Inc.  
The Commerce Tower  
1440 Kapiolani Boulevard, Suite 915  
Honolulu, Hawaii 96814

Dear Mr. Hida:

Subject: Environmental Assessment for the Proposed  
Millilani Mauka Elementary School Project  
TMK: 9-5-01: Parcels 11 and 16 and 9-5-02:  
Parcels 1 and 17, Millilani, Oahu, Hawaii.  
Applicant: STATE DEPARTMENT OF EDUCATION

We have reviewed the information provided regarding the proposed development of the Millilani Mauka Elementary School. As indicated in our earlier comments, the large increase in population in this area will result in increased calls for police service. This will tax the police manpower at the present Wahiawa Station, which was completed in 1983. While long-range plans might include possible substations in District 2, no approval has been given for such plans in the near future.

Along with increased workload, traffic and safety problems are our major concerns. Traffic problems and their safety aspects should be considered in further planning for the school, such as safe drop-off and pick-up zones, crossing guards, and environmental designs promoting safety.

Sincerely,

MICHAEL S. NAKAMURA  
Chief of Police

By *Chester E. Hughes*  
CHESTER E. HUGHES  
Assistant Chief of Police  
Support Services Bureau

CONSULTING ENGINEERS

HARVEY K. HIDA, P.E.  
ALAN T. OKAMOTO, P.E.

August 5, 1991

Mr. Chester E. Hughes  
Asst. Chief of Police  
Police Department  
City & County of Honolulu  
1455 S. Beretania Street  
Honolulu, Hawaii 96814

Dear Asst. Chief Hughes:

Subject: Environmental Assessment, Proposed Millilani  
Mauka Elementary School, Millilani, Oahu.  
TMK: 9-5-01: 11 and 16 and 9-5-02: 1 and 17.

This acknowledges our receipt of your July 18, 1991 comments on the above-captioned project informing us that the development of Millilani Mauka will result in increased calls for police service; that, although they are indefinite, long-range plans include possible substations in District 2; and that traffic and safety problems are your Department's major concerns. Your comments suggest that traffic problems and their safety aspects should be considered in further planning for the school, such as safe drop-off and pick-up zones, crossing guards, and environmental designs promoting safety.

As shown in the project's site plans which were submitted to your department, on-site drop-off and pick zones are planned for the school to promote student and pedestrian safety and to avoid traffic flow disruption. We anticipate working closely with your Department to assure that the design and construction of the project address your traffic safety concerns. Further, we truly hope that your long-range plans for new police substations in District 2 will come to fruition.

Thank you for reviewing the proposed project and for your helpful comments thereon.

Sincerely,

*Harvey Hida*  
HARVEY HIDA, P.E.

The Commerce Tower • 1440 Kapiolani Blvd. • Suite 915 • Honolulu, Hawaii 96814  
Phone (808) 942-0666 • Fax (808) 947-7546

DEPARTMENT OF TRANSPORTATION SERVICES  
**CITY AND COUNTY OF HONOLULU**

HONOLULU MUNICIPAL BUILDING  
405 SOUTH KING STREET  
HONOLULU, HAWAII 96813

**RECEIVED**  
JUL 30 1991

HIDA, OKAMOTO & ASSOCIATES, INC.

HARVEY K. HIDA, P.E.  
ALAN T. OKAMOTO, P.E.

HIDA, OKAMOTO & ASSOCIATES, INC.  
CONSULTING ENGINEERS

JOSEPH M. MAGALDI, JR.  
3-10-91  
SUPERVISOR  
OFFICE SERVICES

TE-3760  
PL91.1.230

July 25, 1991

August 5, 1991

Mr. Harvey K. Hida, P.E.  
Hida, Okamoto and Associates, Inc.  
1440 Kapiolani Boulevard, Suite 915  
Honolulu, Hawaii 96814

Mr. Joseph M. Magaldi, Jr.  
Director  
Department of Transportation Services  
City & County of Honolulu  
650 S. King Street  
Honolulu, Hawaii 96813

Dear Mr. Hida:

Subject: Millilani Mauka Elementary School  
Environmental Assessment (EA)  
THK: 9-5-01: 11. 16. 9-5-02: 1. 17

Subject: Environmental Assessment, Proposed Millilani  
Mauka Elementary School, Millilani, Oahu.  
THK: 9-5-01: 11 and 16 and 9-5-02: 1 and 17.

This is in response to your letter of July 10, 1991 requesting  
our comments on the subject project.

This acknowledges our receipt of your July 25, 1991  
comments on the above-captioned project which provides a number of  
detailed recommendations pertaining to the construction of the  
school's driveways and requesting that school construction plans be  
submitted to your Department for review. Please be informed that  
the project will comply with your recommendations and such plans  
will be submitted to your Department for review.

In addition to our previous comments as stated in your letter, we  
have the following concerns:

1. All vehicular access points should be constructed as  
standard City dropped driveways.
2. The driveway grade should not exceed 5 percent (5%) for a  
minimum distance of 35 feet from the curb line.
3. The location of the school driveway should be aligned  
directly across the future Unit 112 roadway.
4. Adequate sight distance should be provided at all driveway  
locations. Landscaping should not interfere with sight  
lines.
5. Construction plans should be submitted to our department for  
review.

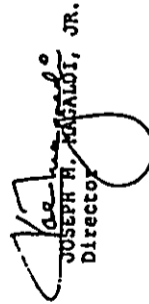
Should you have any questions, please contact Lance Watanabe of  
my staff at 523-4199.

Thank you for your helpful comments which are greatly  
appreciated.

Sincerely,

  
HARVEY HIDA, P.E.

Sincerely,

  
JOSEPH M. MAGALDI, JR.  
Director

The Commerce Tower • 1440 Kapiolani Blvd. • Suite 915 • Honolulu, Hawaii 96814  
Phone (808) 942-0066 • Fax (808) 947-7546

**BOARD OF WATER SUPPLY**

CITY AND COUNTY OF HONOLULU

630 SOUTH BERETANIA

HONOLULU, HAWAII 96814



**RECEIVED**  
JUL 30 1991

HIDA, OKAMOTO & ASSOCIATES, INC. July 25, 1991

PAUL F. FISH, Mayor

DOORNA B. OOHIAI, Chairman

WALTER O. WATSON, JR., Vice Chairman

SAV CALLEJO

EDWARD Y. HOATA

WILLIAM M. YAMASAKI

KAZU HAYASHIDA

Manager and Chief Engineer

HARVEY K. HIDA, P.E.

ALAN T. OKAMOTO, P.E.

CONSULTING ENGINEERS

August 5, 1991

Mr. Harvey Hida  
Hida, Okamoto & Associates, Inc.  
1440 Kapiolani Boulevard, Suite 915  
Honolulu, Hawaii 96814

Dear Mr. Hida:

Subject: Your Letter of July 10, 1991 Regarding the Environmental Assessment for the Proposed Milliani Mauka Elementary School Project, TMK: 9-5-01: 11 and 16; 9-5-02: 1 and 17

Thank you for the opportunity to review and comment on the proposed Milliani Mauka Elementary School Project.

We have the following comments on the environmental assessment:

1. There are no existing water services to the proposed project site. The off-site water facilities must be completed before water meters can be issued.
2. The construction plans for the proposed school are presently being reviewed.
3. The availability of water will be confirmed when the building permit application is submitted for our review and approval.
4. If a three-inch or larger meter is required, the construction drawings showing the installation of the meter should be submitted for our review and approval.
5. The on-site fire protection requirements should be coordinated with the Fire Prevention Bureau of the Honolulu Fire Department.
6. The proposed project will be subject to our cross-connection control requirements prior to the issuance of the building permit.

If you have any questions, please contact Bert Kuioka at 527-5235.

Very truly yours,

*Kazu Hayashida*  
KAZU HAYASHIDA  
Manager and Chief Engineer

Mr. Kazu Hayashida  
Manager and Chief Engineer  
Board of Water Supply  
City & County of Honolulu  
630 S. Beretania Street  
Honolulu, Hawaii 96814

Dear Mr. Hayashida:

Subject: Environmental Assessment, Proposed Milliani Mauka Elementary School, Milliani, Oahu.  
TMK: 9-5-01: 11 and 16 and 9-5-02: 1 and 17.

This acknowledges our receipt of your July 15, 1991 comments on the above-captioned project. Your comments inform us that water facilities for the project must be completed before water meters can be issued; the school's construction plans are being reviewed by your agency; water availability to the school will be confirmed at the building permit stage; construction drawing must be reviewed by your agency if a water meter exceeding 3 inches in size is used; on-site fire protection requirements for the school should be coordinated with the Fire Department; and the project is subject to your agency's cross-connection control requirements.

Please be informed that the project will comply with these requirements at the appropriate stages of project construction.

Thank you for commenting on the project. Your comments are greatly appreciated.

Sincerely,

*Harvey Hida*  
HARVEY HIDA, P.E.

The Commerce Tower • 1440 Kapolei Blvd. • Suite 915 • Honolulu, Hawaii 96814  
Phone (808) 942-0066 • Fax (808) 947-7546

DEPARTMENT OF GENERAL PLANNING  
CITY AND COUNTY OF HONOLULU

144 SOUTH KING STREET  
HONOLULU, HAWAII 96813



REGISTERED  
JUL 31 1991  
HONOLULU, HAWAII  
HONOLULU, HAWAII

HARVEY K. HIDA, P.E.  
ALANT. OKAMOTO, P.E.

CONSULTING ENGINEERS

July 26, 1991

WM 7/91-3317

Mr. Harvey Hida, P.E.  
Hida, Okamoto and Associates, Inc.  
1440 Kapiolani Boulevard, Suite 915  
Honolulu, Hawaii 96814

Dear Mr. Hida:

Preparation of an Environmental Assessment  
for the Proposed Millilani Mauka (Phase I)  
Elementary School Project at

TKX 9-5-81, 11 & 16 and 9-5-81, 1 & 17, Millilani, Oahu

In response to your letter dated July 10, 1991, the site of  
the proposed elementary school is designated Public/Quasi-public  
on the Central Oahu Development Plan Public Facilities Map. In  
addition, the elementary school is identified on the Central  
Oahu Development Plan Public Facilities Map as an integral  
component of the first phase of the Millilani Mauka project.

A Final Environmental Impact Statement for the Millilani  
Mauka project (phases I and II), including the proposed  
elementary school, was accepted in 1987.

Thank you for the opportunity to comment on this project.  
Should you have any questions, please contact Bill Medeiros of  
our staff at 527-6089.

Sincerely,

*Benjamin B. Lee*  
BENJAMIN B. LEE  
Chief Planning Officer

BBL:fc

August 5, 1991

Mr. Benjamin B. Lee  
Chief Planning Officer  
Department of General Planning  
City & County of Honolulu  
650 S. King Street, 8th Flr.  
Honolulu, Hawaii 96813

Dear Mr. Lee:

Subject: Environmental Assessment for the Proposed  
Millilani Mauka Elementary School (Phase I);  
TKX: 9-5-01: 11 and 16 and 9-5-02: 1 and 17.  
Millilani, Oahu, State of Hawaii.

This acknowledges our receipt of your comments on the  
above-captioned project dated July 26, 1991 and informing us that  
the project site is designated for "Public/Quasi-public" use on the  
Central Oahu Development Plan Public Facilities Map and is also  
identified on that Map as an integral component of the first phase  
of the Millilani Mauka project. Your letter also informs us that a  
Final Environmental Impact Statement for the Millilani Mauka  
project (phases I and II) included the proposed elementary school  
and was accepted by your agency in 1987.

Thank you for commenting on the project. Your comments  
are very much appreciated.

Sincerely,

*Harvey K. Hida*  
HARVEY HIDA, P.E.



DEPARTMENT OF LAND UTILIZATION  
**CITY AND COUNTY OF HONOLULU**  
830 SOUTH KING STREET  
HONOLULU, HAWAII 96813 • MOBI 932-4432



FRANK P. 2181  
-2181

**RECEIVED**  
AUG 9 1991

HIDA, OKAMOTO & ASSOCIATES, INC.  
CONSULTING ENGINEERS  
DIRECTOR

LORETTA K.C. CHEE  
DEPUTY DIRECTOR

(AC)

August 8, 1991

Mr. Harvey Hida, P.E.  
Hida, Okamoto & Associates  
The Commerce Tower  
1440 Kapiolani Boulevard  
Suite 915  
Honolulu, Hawaii 96814

Dear Mr. Hida:

Environmental Assessment (EA) For the Proposed  
Mililani Mauka Elementary School Project  
Mililani, Oahu, Hawaii  
Tax Map Keys: 9-5-01: 11 & 16 and 9-5-02: 1 & 17

We have reviewed the subject EA and have no comments at this time. Please be advised that the proposed project will require a site plan review (SPR) from this department prior to obtaining a building permit.

Thank you for the opportunity to comment. Should you have any questions, please contact Art Challacombe at 523-4107 or Keith Kurahashi at 527-5374.

Very truly yours,

*Donald Clegg*

DONALD A. CLEGG  
Director of Land Utilization

DAC:gc  
hida.gkc

HIDA, OKAMOTO & ASSOCIATES, INC.  
CONSULTING ENGINEERS

HARVEY K. HIDA, P.E.  
ALAN T. OKAMOTO, P.E.

August 14, 1991

Mr. Donald A. Clegg  
Director  
Department of Land Utilization  
City and County of Honolulu  
650 S. King Street, 7th Flr.  
Honolulu, Hawaii 96813

Dear Mr. Clegg:

Subject: Environmental Assessment (EA) For the Proposed  
Mililani Mauka Elementary School; TMK: 9-5-01:  
11 and 16; 9-5-02: 1 and 17, Mililani, Oahu.

This acknowledges our receipt of your August 8 comments on the above-captioned EA informing us that a Site Plan Review permit from your Department for the school is required prior to obtaining a building permit for the school. Please know that the applicant will comply with that requirement.

Thank you for your comments on the project.

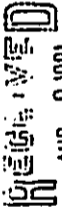
Sincerely,

*Harvey K. Hida*

HARVEY K. HIDA, P.E.

The Commerce Tower • 1440 Kapiolani Blvd. • Suite 915 • Honolulu, Hawaii 96814  
Phone (808) 942-0066 • Fax (808) 947-7546

JOHN WILKINSON  
DIRECTOR OF HEALTH



JOHN C. LEWIN, M.D.  
DIRECTOR OF HEALTH

AUG 9 1991

HIDA, OKAMOTO & ASSOCIATES, INC.

STATE OF HAWAII  
DEPARTMENT OF HEALTH  
P. O. BOX 3378  
HONOLULU, HAWAII 96814

HONOLULU, HAWAII 96814

July 31, 1991

In reply, please refer to:  
END/SONS  
Ref. No. 91-3-242X

CONSULTING ENGINEERS

HARVEY K. HIDA, P.E.  
ALANI T. OKAMOTO, P.E.

August 14, 1991

Mr. Harvey Hida, P.E.  
Hida, Okamoto & Associates, Inc.  
1440 Kapiolani Blvd., Suite 915  
Honolulu, Hawaii 96814

Dr. John C. Lewin, M.D.  
Director  
Department of Health  
State of Hawaii  
P.O. Box 3378  
Honolulu, Hawaii 96801

Dear Mr. Hida:

SUBJECT: ENVIRONMENTAL ASSESSMENT FOR THE PROPOSED MILILANI MAUKA  
ELEMENTARY SCHOOL PROJECT  
TRK: 9-5-01: PARCELS 11 AND 16 AND 9-5-02:  
PARCELS 1 AND 17, MILILANI, OAHU, HAWAII  
APPLICANT: STATE DEPARTMENT OF EDUCATION

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

1. The school will be supplied drinking water by a public water system (the Honolulu Board of Water Supply, Mililani system) that is regulated by the Department of Health. The Honolulu Board of Water Supply is required to comply with the Department's Administrative Rules, Title 11, Chapter 20, "Potable Water Systems."
2. Section 11-20-30 of Chapter 20 requires that substantial modifications to a public water system must be approved by the Director of Health. However, in the case of County-owned systems, the individual counties are able to perform their own review and approval.

If you have questions, please contact Ann Kane of the Safe Drinking Water Branch at 543-8258.

Very truly yours,

*John C. Lewin*  
JOHN C. LEWIN, M.D.  
Director of Health

Subject: Environmental Assessment For Proposed Mililani  
Mauka Elementary School; TRK: 9-5-01: 11 and  
16; 9-5-02: 1 and 17, Mililani, Oahu, Hawaii.

This acknowledges our receipt of your July 31 comments on the above-captioned matter informing us that the provision of Board of Water Supply potable water to the school must comply with your Department's Administrative Rules, Title 11, Chap. 20, Potable Water Systems and that the Board of Water Supply is responsible for reviewing and approving plans for public water service from the City-owned water systems.

We have already been informed by the Board of Water Supply that water supply construction plans for the school must be reviewed and approved by the Board. The applicant fully intends to comply with this customary construction requirement.

Thank you for commenting on the project.

Sincerely,

*Harvey K. Hida*  
HARVEY K. HIDA, P.E.

The Commerce Tower • 1440 Kapiolani Blvd. • Suite 915 • Honolulu, Hawaii 96814  
Phone (808) 942-0066 • Fax (808) 947-7546



**OFFICE OF STATE PLANNING**

Office of the Governor

5101 KAPOLANI BLVD., HONOLULU, HAWAII 96813 TELEPHONE: 808-541-3071

July 24, 1991

**RECEIVED**  
JUL 29 1991

HIDA OKAMOTO & ASSOCIATES, INC.

Mr. Harvey Hida, P.E.  
Hida, Okamoto & Associates, Inc.  
The Commerce Tower  
1440 Kapiolani Blvd., Suite 915  
Honolulu, Hawaii 96814

Dear Mr. Hida:

**Subject:** Environmental Assessment (EA)  
Proposed Millilani Mauka Elementary School Project  
Millilani, Oahu, Tax Map Keys: 9-5-01; Parcels 11 and 16;  
and 9-5-02; Parcels 1 and 17

We have reviewed the preliminary documents for an Environmental Assessment (EA) regarding the proposed Millilani Mauka Elementary School Project consisting of classrooms, special education classrooms, administrative center, parking stalls, and related facilities. The applicant is the State Department of Education and the proposed project is situated on approximately 9.3 acres of land which is part of the 1,200-acre Millilani Mauka Planned Community.

We have no comments to offer at this time.

Thank you for the opportunity to comment.

Sincerely,

*Harold S. Masumoto*  
Harold S. Masumoto  
Director

HIDA, OKAMOTO & ASSOCIATES, INC.  
CONSULTING ENGINEERS

HARVEY K. HIDA, P.E.  
ALAN T. OKAMOTO, P.E.

August 5, 1991

Mr. Harold S. Masumoto  
Director  
Office of State Planning  
State of Hawaii  
State Capitol, 5th Flr.  
Honolulu, Hawaii 96813

Dear Mr. Masumoto:

**Subject:** Environmental Assessment, Proposed Millilani Mauka Elementary School; Millilani, Oahu.  
THK: 9-5-01: 11 and 16, and 9-5-02: 1 and 17.

This acknowledges our receipt of your July 24, 1991 letter informing us that your agency has reviewed the above-captioned environmental assessment documents and has no comments on the proposed school at this time.

Thank you for reviewing the project and for your communication thereon.

Sincerely,

*Harvey K. Hida*  
HARVEY HIDA, P.E.

JOHN WAHNE  
GOVERNOR



YUKIO KITAGAWA  
CHAIRPERSON, BOARD OF AGRICULTURE  
ILUMA A. FUKUMAI  
DEPUTY TO THE CHAIRPERSON  
FAX: 548-4100

State of Hawaii  
DEPARTMENT OF AGRICULTURE  
1428 So. King Street  
Honolulu, Hawaii 96814-2812

July 19, 1991

**RECEIVED**  
JUL 24 1991

HDA, OKAMOTO & ASSOCIATES, INC.

Mr. Harvey K. Hida  
Hida, Okamoto and Associates, Inc.  
1440 Kapiolani Boulevard  
Suite 915  
Honolulu, HI 96814

Dear Mr. Hida:

Subject: Environmental Assessment for Proposed  
Milliani Mauka Elementary School  
Department of Education  
TKR: 9-5-01: 11, 16  
9-5-02: 1, 17 Milliani, Oahu  
Area: approximately 9.3 acres

The Department of Agriculture has reviewed the subject document  
and has no comments to offer.

Thank you for the opportunity to comment.

Sincerely,

*Yukio Kitagawa*  
YUKIO KITAGAWA  
Chairperson, Board of Agriculture

cc: Office of Environmental Quality Control



HIDA, OKAMOTO & ASSOCIATES, INC.  
CONSULTING ENGINEERS

HARVEY K. HIDA, P.E.  
ALAN T. OKAMOTO, P.E.

August 5, 1991

Mr. Yukio Kitagawa  
Chairman  
Board of Agriculture  
State of Hawaii  
1428 S. King Street  
Honolulu, Hawaii 96814

Dear Mr. Kitagawa:

Subject: Environmental Assessment, Proposed Milliani  
Mauka Elementary School; Milliani, Oahu.  
TKR: 9-5-01: 11 and 16, and 9-5-02: 1 and 17.

This acknowledges our receipt of your July 18, 1991  
letter informing us that your agency has reviewed the above-  
captioned environmental assessment and has no comments thereon.

Thank you for reviewing the project and for your  
communication thereon.

Sincerely,

*Harvey K. Hida*  
HARVEY HIDA, P.E.

The Commerce Tower • 1440 Kapiolani Blvd. • Suite 915 • Honolulu, Hawaii 96814  
Phone (808) 942-0065 • Fax (808) 947-7546



**RECEIVED**

JUL 24 1991

STATE OF HAWAII  
DEPARTMENT OF HUMAN SERVICES  
HAWAII HOUSING AUTHORITY  
P. O. BOX 17907  
HONOLULU, HAWAII 96817

LETTER SENT  
ELECTRIC MAILING  
LEONARD PASKAL, JR.  
HAWAII HOUSING AUTHORITY  
P. O. BOX 17907  
HONOLULU, HAWAII 96817

91:PING/939

HIDA, HARVEY K. & ASSOCIATES, INC.

CONSULTING ENGINEERS

HARVEY K. HIDA, P.E.  
ALAN T. OKAMOTO, P.E.

July 18, 1991

Mr. Harvey Hida, P.E.  
Hida, Okamoto & Associates, Inc.  
The Commerce Tower  
1440 Kapiolani Blvd., Suite 915  
Honolulu, Hawaii 96814

Dear Mr. Hida:

RE: ENVIRONMENTAL ASSESSMENT FOR THE PROPOSED MILILANI  
MAUKA ELEMENTARY SCHOOL PROJECT TRK: 9-5-01; PARCELS 11  
AND 16 AND 9-5-02; PARCELS 1 AND 17, MILILANI, OAHU,  
HAWAII. APPLICANT: STATE DEPARTMENT OF EDUCATION

Thank you for the opportunity to comment on the subject  
project. We have reviewed the environmental assessment and are  
in support of the proposed school.

Please contact either myself (848-3230) or Liana Tamura  
(848-3255) should you have any questions or need further  
information.

Sincerely,

MITSUO SHITO  
Executive Director

August 5, 1991

Mr. Mitsuo Shito  
Executive Director  
Department of Human Services  
State of Hawaii  
P.O. Box 17907  
Honolulu, Hawaii 96817

Dear Mr. Shito:

Subject: Environmental Assessment, Proposed Mililani  
Mauka Elementary School, Mililani, Oahu.  
TRK: 9-5-01: 11 and 16, and 9-5-02: 1 and 17.

This acknowledges our receipt of your July 18, 1991  
letter informing us that your agency has reviewed the above-  
captioned environmental assessment and supports the proposed  
school.

Thank you for reviewing the project and for your  
communication thereon.

Sincerely,

HARVEY HIDA, P.E.

The Commerce Tower • 1440 Kapiolani Blvd. • Suite 915 • Honolulu, Hawaii 96814  
Phone (808) 942-0066 • Fax (808) 947-7546

HARVEY K. HIDA & ASSOCIATES, INC.  
CONSULTING ENGINEERS

HARVEY K. HIDA, P.E.  
ALAN T. OKAMOTO, P.E.

DATE: JUL 18 1991

HIDA, OKAMOTO & ASSOCIATES, INC.  
ENGINEERING & ARCHITECTURE  
3949 DIAMOND HEAD ROAD, HONOLULU, HAWAII 96816



STATE OF HAWAII  
DEPARTMENT OF DEFENSE  
OFFICE OF THE ADJUTANT GENERAL  
3949 DIAMOND HEAD ROAD, HONOLULU, HAWAII 96816

July 16, 1991

Engineering Office

Mr. Harvey K. Hida, P. E.  
Hida, Okamoto & Associates, Inc.  
1440 Kapiolani Boulevard, Suite 915  
Honolulu, Hawaii 96814

Dear Mr. Hida:

Subject: Environmental Assessment For The Proposed Milliani  
Mauka Elementary School Project

Thank you for providing us the opportunity to review the above subject project.  
We have no comments to offer at this time regarding this project.

Sincerely,

*Jerry M. Matsuda*  
Jerry M. Matsuda  
Lieutenant Colonel  
Hawaii Air National Guard  
Contracting & Engineering Officer



August 5, 1991

Lt. Col. Jerry M. Matsuda  
Contracting & Engineering Officer  
Hawaii Air National Guard  
Department of Defense  
State of Hawaii  
3949 Diamond Head Road  
Honolulu, Hawaii 96816

Dear Lt. Col. Matsuda:

Subject: Environmental Assessment, Proposed Milliani  
Mauka Elementary School; Milliani, Oahu.  
TRK: 9-5-01: 11 and 16, and 9-5-02: 1 and 17.

This acknowledges our receipt of your July 16, 1991  
letter informing us that your agency has no comments on the above-  
captioned project.

Thank you for reviewing the project and for your  
communication thereon.

Sincerely,

*Harvey K. Hida*  
HARVEY HIDA, P.E.

The Commerce Tower • 1440 Kapiolani Blvd. • Suite 915 • Honolulu, Hawaii 96814  
Phone (808) 942-0066 • Fax (808) 947-7546

JOHN WALKER  
ENGINEERS

**RECEIVED**  
JUL 31 1991

EDWARD Y. HIRATA  
DIRECTOR  
ALAN T. OKAMOTO  
JOYCE T. DANIEL  
JEANNE K. SCHAEFER  
CALVIN M. TRUDA  
HONOLULU, HAWAII

CONSULTING ENGINEERS

HARVEY K. HIDA, P.E.  
ALAN T. OKAMOTO, P.E.

HIDA, OKAMOTO & ASSOCIATES, INC.

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
869 PUNCHBOWL STREET  
HONOLULU, HAWAII 96813-2077  
July 29, 1991

ENVY-88  
2-7980

August 5, 1991

Mr. Edward Y. Hirata  
Director  
Department of Transportation  
State of Hawaii  
869 Punchbowl Street  
Honolulu, Hawaii 96813

Mr. Harvey K. Hida, P.E.  
Hida, Okamoto & Associates, Inc.  
1440 Kapiolani Boulevard, Suite 915  
Honolulu, Hawaii 96814

Dear Mr. Hida:

Environmental Assessment, Proposed Millilani  
Mauka Elementary School, Millilani, Oahu  
TKM: 9-5-01: 11, 16, 9-5-02: 1, 17

Thank you for your letter of July 10, 1991, requesting our review  
of the proposed project's Environmental Assessment.

The Millilani Mauka developer should implement the required  
roadway mitigation measures in accordance with the project  
construction schedule as mentioned in the Millilani Mauka Traffic  
Impact Study dated January 1989.

Very truly yours,

*Edward Y. Hirata*

Edward Y. Hirata  
Director of Transportation

Dear Mr. Hirata:

Subject: Environmental Assessment, Proposed Millilani  
Mauka Elementary School, Millilani, Oahu,  
TKM: 9-5-01: 11 and 16 and 9-5-02: 1 and 17.

This acknowledges our receipt of your July 29, 1991  
comments on the above-captioned project informing us that Castle &  
Cooke, Inc., the developer of Millilani Mauka, should implement the  
required roadway mitigation measures for that project in accordance  
with the projected construction schedule mentioned in the Millilani  
Mauka Traffic Impact Study dated January, 1989.

We appreciate your comments and am confident that Castle  
& Cooke, Inc., indeed will implement the aforementioned roadway  
mitigation measures as Millilani Mauka develops. We understand that  
these measures impact the proposed elementary school and,  
therefore, that we will urge the developer to execute these  
measures on a timely basis with respect to the establishment of the  
school.

Thank you for commenting on the project.

Sincerely,

*Harvey K. Hida*  
HARVEY HIDA, P.E.



DEPARTMENT OF THE AIR FORCE  
HEADQUARTERS 16TH AIR BASE WING (PACAF)  
HICKAM AIR FORCE BASE, HAWAII 96853-5000

**REGIONS**

JUL 27 1991

HDA, OKAMOTO & ASSOCIATES, INC.

28 JUL 1991

Hida, Okamoto, and Assoc., Inc.  
Attn: Mr Harvey K. Hida, P.E.  
1440 Kapiolani Blvd, Suite 915  
Honolulu, Hawaii 96814


Subject: Environmental Assessment for the Proposed Milliani Mauka  
Elementary School Project THX: 9-5-01; Parcels 11 and 16 and  
9-5-02; Parcels 1 and 17, Milliani, Oahu, Hawaii. Applicant:  
State Department of Education (Your Ltr, July 10, 1991)

Dear Mr Hida

Thank you for informing us of the proposed project. We have  
reviewed the information provided in referenced letter and have  
no comments.

If you have any questions please contact our community planner,  
Mr Gary O'Donnell, RA, at 449-7520.

Sincerely

  
ROSS W. J. LUM  
Dep Dir of Civil Engineering

HIDA, OKAMOTO & ASSOCIATES, INC.  
CONSULTING ENGINEERS

HARVEY K. HIDA, P.E.  
ALAN T. OKAMOTO, P.E.

August 5, 1991

Mr. Ross W.J. Lum  
Deputy Director  
Civil Engineering  
Department of the Air Force  
Headquarters 16th Air Base Wing (PACAF)  
Hickam Air Force Base, Hawaii 96853

Dear Mr. Lum:

Subject: Environmental Assessment, Proposed Milliani  
Mauka Elementary School; Milliani, Oahu.  
THX: 9-5-01; 11 and 16, and 9-5-02; 1 and 17.

This acknowledges our receipt of your July 26, 1991  
letter informing us that your agency has reviewed the above-  
captioned environmental assessment documents and has no comments on  
the proposed school.

Thank you for reviewing the project and for your  
communication thereon.

Sincerely,

  
HARVEY HIDA, P.E.





DEPARTMENT OF THE NAVY  
 COMMANDER  
 NAVAL BASE PEARL HARBOR  
 BOX 110  
 PEARL HARBOR, HAWAII 96860-9000

11011  
 Ser 0072/1870  
 28 JUL 1991

**RECEIVED**

JUL 25 1991

Hida, Okamoto and Associates  
 1440 Kapiolani Blvd., Suite 915  
 Honolulu, Hawaii 96814

HDA OKAMOTO & ASSOCIATES, INC.

Dear Mr. Hida:

ENVIRONMENTAL ASSESSMENT (EA) FOR THE PROPOSED  
 MILILANI MAUKA ELEMENTARY SCHOOL PROJECT  
 TRK: 9-5-01; PARCELS 11 AND 16 AND 9-5-02;  
 PARCELS 1 AND 17, MILILANI, OAHU, HAWAII  
APPLICANT: STATE DEPARTMENT OF EDUCATION.

Thank you for the opportunity to review the EA for the Proposed Mililani Mauka  
 Elementary School Project. We have no comments at this time. Point of  
 contact at this office is Mr. 8111 Liu, 471-3324.

Sincerely,

W. K. LIU  
 Assistant Base Civil Engineer  
 By direction of  
 the Commander

HIDA OKAMOTO & ASSOCIATES, INC.  
 CONSULTING ENGINEERS

HARVEY K. HIDA, P.E.  
 ALAN T. OKAMOTO, P.E.

August 5, 1991

Mr. W. K. Liu  
 Asst. Base Civil Engineer  
 Department of the Navy  
 Pearl Harbor Naval Base  
 P.O. Box 110  
 Pearl Harbor, Hawaii 96860-5020

Dear Mr. Liu:

Subject: Environmental Assessment, Proposed Mililani  
 Mauka Elementary School; Mililani, Oahu.  
 TRK: 9-5-01; 11 and 16, and 9-5-02; 1 and 17.

This acknowledges our receipt of your July 24, 1991  
 letter informing us that your agency has reviewed the above-  
 captioned environmental assessment and has no comments on the  
 proposed school at this time.

Thank you for reviewing the project and for your  
 communication thereon.

Sincerely,

HARVEY HIDA, P.E.

HIDA, HARVEY K. & ALAN T. OKAMOTO, P.E.  
CONSULTING ENGINEERS

HARVEY K. HIDA, P.E.  
ALAN T. OKAMOTO, P.E.

Dr. John T. Harrison, Ph.D.  
July 10, 1991  
Page 2.

Phase II \* 12 Classrooms and Facility Center. (See Complex "D", Exhibit "A")  
\* 45 On-site Parking Stalls.

Phase III \* 12 Classrooms and Special Education Classroom.  
(See Complex "D", Exhibit "A").

Portable classrooms will also be developed within the site although their development timetable has not been set. (See Complex "E", Exhibit "A"). For your information, it is anticipated that the proposed school will contain approximately 1,203 persons (68 teachers, 30 school staff personnel and 1,105 students) on-site during the school year.

The proposed school is part of the larger, 1,200-acre Millilani Mauka Planned Community Project for which an Environmental Impact Statement was filed and accepted by the Department of General Planning in 1987. That EIS disclosed the environmental impacts of the Millilani Mauka Master Plan, which includes the subject proposed elementary school, in accordance with the requirements of Chapter 343, Hawaii Revised Statutes, and Title 11, Chap. 200, DOH Administrative Rules. Exhibit "A" is a copy of that Master Plan.

Your agency participated in that EIS review process and expressed particular concern about the impact on schools in the Millilani Mauka area of the Millilani Mauka project. The proposed Millilani Mauka Elementary School directly addresses that concern and reflects the applicant's effort to meet the public education needs within the Millilani Mauka community.

Thank you for your kind and prompt attention to this communication.

Sincerely,

  
HARVEY HIDA, P.E.

Attachments.

July 10, 1991

Dr. John T. Harrison, Ph.D.  
Environmental Coordinator  
Environmental Center  
University of Hawaii at Manoa  
Crawford Hall, Room 317  
2550 Campus Road  
Honolulu, Hawaii 96822

Dear Dr. Harrison:

Subject: Environmental Assessment For The Proposed Millilani Mauka Elementary School Project  
TKN: 9-5-01: Parcels 11 and 16 and 9-5-02: Parcels 1 and 17, Millilani, Oahu, Hawaii.  
Applicant: State Department of Education.

In accordance with Sec. 11-200-10, Title 11, Chap. 200, Department of Health Administrative Rules, we hereby inform you of the proposed development of the Millilani Mauka Elementary School by the State Department of Education (hereinafter "applicant") as described in greater detail hereinbelow. We respectfully request your comments, if any, on the proposed school. Please send your comments, if any, to our office by July 20, 1991.

This communication fulfills part of the applicant's requirements toward the preparation and submission of an Environmental Assessment ("EA") for the project in compliance with Chap. 343, Hawaii Revised Statutes and Title 11, Chap. 200, DOH Administrative Rules.

Attached Exhibit "A" shows the proposed school location. Exhibit "B" presents a preliminary layout of the proposed project which will occupy approximately 9.3 acres of land. The school will be built in three phases as follows:

- Phase I \* Administrative Center; Cafeteria/Multi-Purpose Center. (See Complex "A", Exhibit "A").  
\* Library/Computer Resources and General Classrooms Building. (See Complex "B", Exhibit "A").  
\* 10 General Classrooms and 3 Special Education Classroom Building. (See Complex "C", Exhibit "A").  
\* 66 On-site Parking Stalls.

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Phone (808) 942-0066 • Fax (808) 947-7516

HUSA CONSULTING ENGINEERS, INC.  
CONSULTING ENGINEERS

HARVEY K. HIDA, P.E.  
ALAN T. OKAMOTO, P.E.

July 10, 1991

Mr. Herbert K. Muraoka  
Director and Building Superintendent  
Building Department  
City and County of Honolulu  
650 S. King Street  
Honolulu, Hawaii 96813

Dear Superintendent Muraoka:

Subject: Environmental Assessment For The Proposed  
Mililani Mauka Elementary School Project  
TMK: 9-5-01: Parcels 11 and 16 and 9-5-02:  
Parcels 1 and 17, Mililani, Oahu, Hawaii.  
Applicant: State Department of Education.

In accordance with Sec. 11-200-10, Title 11, Chap. 200,  
Department of Health Administrative Rules, we hereby inform you of  
the proposed development of the Mililani Mauka Elementary School by  
the State Department of Education (hereinafter "applicant") as  
described in greater detail hereinbelow. We respectfully request  
your comments, if any, on the proposed school. Please send your  
comments, if any, to our office by July 20, 1991.

This communication fulfills part of the applicant's  
requirements toward the preparation and submission of an  
Environmental Assessment ("EA") for the project in compliance with  
Chap. 343, Hawaii Revised Statutes and Title 11, Chap. 200, DOH  
Administrative Rules.

Attached Exhibit "A" shows the proposed school location.  
Exhibit "B" presents a preliminary layout of the proposed project  
which will occupy approximately 9.3 acres of land. The school will  
be built in three phases as follows:

- Phase I \* Administrative Center; Cafetorium/Multi-Purpose Center. (See Complex "A", Exhibit "A").
- \* Library/Computer Resources and General Classrooms Building. (See Complex "B", Exhibit "A").
- \* 10 General Classrooms and 3 Special Education Classroom Building. (See Complex "C", Exhibit "A").
- \* 66 On-site Parking Stalls.

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Building Superintendent Herbert K. Muraoka  
July 10, 1991  
Page 2.

- Phase II \* 12 Classrooms and Facility Center. (See Complex "D", Exhibit "A")
- \* 45 On-site Parking Stalls.

- Phase III \* 12 Classrooms and Special Education Classroom. (See Complex "D", Exhibit "A").

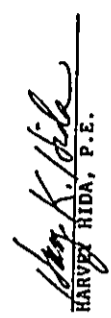
Portable classrooms will also be developed within the site although their development timetable has not been set. (See Complex "E", Exhibit "A"). For your information, it is anticipated that the proposed school will contain approximately 1,203 persons ( 68 teachers, 30 school staff personnel and 1,105 students) on-site during the school year.

The proposed school is part of the larger, 1,200-acre Mililani Mauka Planned Community Project for which an Environmental Impact Statement was filed and accepted by the Department of General Planning in 1987. That EIS disclosed the environmental impacts of the Mililani Mauka Master Plan, which includes the subject proposed elementary school, in accordance with the requirements of Chapter 343, Hawaii Revised Statutes, and Title 11, Chap. 200, DOH Administrative Rules. Exhibit "A" is a copy of that Master Plan.

Your agency participated in that EIS review process and had no comment on the Mililani Mauka project. Of course, construction of the proposed Mililani Mauka Elementary School must, and shall comply with all applicable City Building Code requirements.

Thank you for your kind and prompt attention to this communication.

Sincerely,

  
HARVEY HIDA, P.E.

Attachments.

SHIGEMITSU & ASSOCIATES, INC.  
CONSULTING ENGINEERS

HARVEY K. HIDA, P.E.  
ALAN T. OKAMOTO, P.E.

July 10, 1991

Mr. Lionel E. Camara  
Fire Chief  
Fire Department  
City and County of Honolulu  
1455 S. Beretania Street  
Honolulu, Hawaii 96814

Dear Fire Chief Camara:

Subject: Environmental Assessment For The Proposed  
Millilani Mauka Elementary School Project  
TMK: 9-5-01: Parcels 11 and 16 and 9-5-02:  
Parcels 1 and 17, Millilani, Oahu, Hawaii.  
Applicant: State Department of Education.

In accordance with Sec. 11-200-10, Title 11, Chap. 200,  
Department of Health Administrative Rules, we hereby inform you of  
the proposed development of the Millilani Mauka Elementary School by  
the State Department of Education (hereinafter "applicant") as  
described in greater detail hereinbelow. We respectfully request  
your comments, if any, on the proposed school. Please send your  
comments, if any, to our office by July 20, 1991.

This communication fulfills part of the applicant's  
requirements toward the preparation and submission of an  
Environmental Assessment ("EA") for the project in compliance with  
Chap. 343, Hawaii Revised Statutes and Title 11, Chap. 200, DOH  
Administrative Rules.

Attached Exhibit "A" shows the proposed school location.  
Exhibit "B" presents a preliminary layout of the proposed project  
which will occupy approximately 9.3 acres of land. The school will  
be built in three phases as follows:

- Phase I \* Administrative Center; Cafetorium/Multi-Purpose Center. (See Complex "A", Exhibit "A").
- \* Library/Computer Resources and General Classrooms Building. (See Complex "B", Exhibit "A").
- \* 10 General Classrooms and 3 Special Education Classroom Building. (See Complex "C", Exhibit "A").
- \* 66 On-site Parking Stalls.

Fire Chief Lionel Camara  
July 10, 1991  
Page 2.

- Phase II \* 12 Classrooms and Facility Center. (See Complex "D", Exhibit "A").
- \* 45 On-site Parking Stalls.

- Phase III \* 12 Classrooms and Special Education Classroom. (See Complex "D", Exhibit "A").

Portable classrooms will also be developed within the site although their development timetable has not been set. (See Complex "E", Exhibit "A"). For your information, it is anticipated that the proposed school will contain approximately 1,203 persons (68 teachers, 30 school staff personnel and 1,105 students) on-site during the school year.

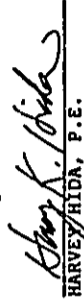
The proposed school is part of the larger, 1,200-acre Millilani Mauka Planned Community Project for which an Environmental Impact Statement was filed and accepted by the Department of General Planning in 1987. That EIS disclosed the environmental impacts of the Millilani Mauka Master Plan, which includes the subject proposed elementary school, in accordance with the requirements of Chapter 343, Hawaii Revised Statutes, and Title 11, Chap. 200, DOH Administrative Rules. Exhibit "A" is a copy of that Master Plan.

Your Department participated in that EIS review process and indicated a need for additional fire fighting facilities and equipment at Waiawa Ridge and Waikale. As you may already know, land within the Millilani Mauka project has been set aside for a new fire station.

Copies of the attached site plan for the proposed Millilani Mauka Elementary School were submitted preliminarily to your Department for review and comment and were returned to the applicant without comment. As shown in the attached site plan, a 20-foot wide fire access lane will extend from the proposed school parking lot between the building complexes shown in the site plan and, during Phase II of the project, will be extended from the proposed parking lot to service the portable classroom area designated as Complex "E" on the site plan. All Fire Code requirements will be satisfied in the construction of the school.

Thank you for your kind and prompt attention to this communication.

Sincerely,

  
HARVEY HIDA, P.E.

Attachments.

MIDA, CONSULTANTS & ENGINEERS, INC.  
CONSULTING ENGINEERS

HARVEY K. HIDA, P.E.  
ALANT. OKAMOTO, P.E.

Mr. Michael N. Scarfone  
July 10, 1991  
Page 2.

- Phase II • 12 Classrooms and Facility Center. (See Complex "D", Exhibit "A")  
• 45 On-site Parking Stalls.
- Phase III • 12 Classrooms and Special Education Classroom. (See Complex "D", Exhibit "A").

July 10, 1991

Mr. Michael N. Scarfone  
Director  
Department of Housing &  
Community Development  
City and County of Honolulu  
650 S. King Street, 5th Flr.  
Honolulu, Hawaii 96813

Dear Mr. Scarfone:

Subject: Environmental Assessment For The Proposed Millilani Mauka Elementary School Project  
TRM: 9-5-01; Parcels 11 and 16 and 9-5-02;  
Parcels 1 and 17, Millilani, Oahu, Hawaii.  
Applicant: State Department of Education.

In accordance with Sec. 11-200-10, Title 11, Chap. 200, Department of Health Administrative Rules, we hereby inform you of the proposed development of the Millilani Mauka Elementary School by the State Department of Education (hereinafter "applicant") as described in greater detail hereinbelow. We respectfully request your comments, if any, on the proposed school. Please send your comments, if any, to our office by July 20, 1991.

This communication fulfills part of the applicant's requirements toward the preparation and submission of an Environmental Assessment ("EA") for the project in compliance with Chap. 343, Hawaii Revised Statutes and Title 11, Chap. 200, DOH Administrative Rules.

Attached Exhibit "A" shows the proposed school location. Exhibit "B" presents a preliminary layout of the proposed project which will occupy approximately 9.3 acres of land. The school will be built in three phases as follows:

- Phase I • Administrative Center; Cafetorium/Multi-Purpose Center. (See Complex "A", Exhibit "A").  
• Library/Computer Resources and General Classrooms Building. (See Complex "B", Exhibit "A").  
• 10 General Classrooms and 3 Special Education Classroom Building. (See Complex "C", Exhibit "A").  
• 66 On-site Parking Stalls.

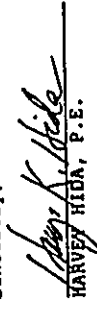
Portable classrooms will also be developed within the site although their development timetable has not been set. (See Complex "E", Exhibit "A"). For your information, it is anticipated that the proposed school will contain approximately 1,203 persons (68 teachers, 30 school staff personnel and 1,105 students) on-site during the school year.

The proposed school is part of the larger, 1,200-acre Millilani Mauka Planned Community Project for which an Environmental Impact Statement was filed and accepted by the City Department of General Planning in 1987. That EIS disclosed the environmental impacts of the Millilani Mauka Master Plan, which includes the subject proposed elementary school, in accordance with the requirements of Chapter 343, Hawaii Revised Statutes, and Title 11, Chap. 200, DOH Administrative Rules. Exhibit "A" is a copy of that Master Plan.

Your Department participated in that EIS review process and commented that it was primarily concerned with the provision of affordable housing within the Millilani Mauka project for a range of income groups. The proposed Millilani Mauka Elementary School will provide primary education facilities for many of the households who settle within the project.

Thank you for your kind and prompt attention to this communication.

Sincerely,

  
HARVEY HIDA, P.E.

Attachments.

The Commerce Tower • 1440 Kapiolani Blvd. • Suite 915 • Honolulu, Hawaii 96814  
Phone (808) 942-0066 • Fax (808) 947-7546

WILLIAMS & ASSOCIATES, INC.  
CONSULTING ENGINEERS

HARVEY K. HIDA, P.E.  
ALAN T. OKAMOTO, P.E.

Police Chief Michael S. Nakamura  
July 10, 1991  
Page 2.

July 10, 1991

Mr. Michael S. Nakamura  
Chief of Police  
Honolulu Police Department  
City and County of Honolulu  
1455 S. Beretania Street  
Honolulu, Hawaii 96814

Dear Police Chief Nakamura:

Subject: Environmental Assessment For The Proposed  
Millilani Mauka Elementary School Project  
TRK: 9-5-01: Parcels 11 and 16 and 9-5-02:  
Parcels 1 and 17, Millilani, Oahu, Hawaii.  
Applicant: State Department of Education.

In accordance with Sec. 11-200-10, Title 11, Chap. 200,  
Department of Health Administrative Rules, we hereby inform you of  
the proposed development of the Millilani Mauka Elementary School by  
the State Department of Education (hereinafter "applicant") as  
described in greater detail hereinbelow. We respectfully request  
your comments, if any, on the proposed school. Please send your  
comments, if any, to our office by July 20, 1991.

This communication fulfills part of the applicant's  
requirements toward the preparation and submission of an  
Environmental Assessment ("EA") for the project in compliance with  
Chap. 343, Hawaii Revised Statutes and Title 11, Chap. 200, DOH  
Administrative Rules.

Attached Exhibit "A" shows the proposed school location.  
Exhibit "B" presents a preliminary layout of the proposed project  
which will occupy approximately 9.3 acres of land. The school will  
be built in three phases as follows:

- Phase I \* Administrative Center; Cafetorium/Multi-Purpose Center. (See Complex "A", Exhibit "A").
- \* Library/Computer Resources and General Classrooms Building. (See Complex "B", Exhibit "A").
- \* 10 General Classrooms and 3 Special Education Classroom Building. (See Complex "C", Exhibit "A").
- \* 66 On-site Parking Stalls.

- Phase II \* 12 Classrooms and Facility Center. (See Complex "D", Exhibit "A")
- \* 45 On-site Parking Stalls.

- Phase III \* 12 Classrooms and Special Education Classroom. (See Complex "D", Exhibit "A").

Portable classrooms will also be developed within the site although their development timetable has not been set. (See Complex "E", Exhibit "A"). For your information, it is anticipated that the proposed school will contain approximately 1,203 persons (68 teachers, 30 school staff personnel and 1,105 students) on-site during the school year.

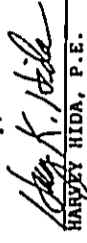
The proposed school is part of the larger, 1,200-acre Millilani Mauka Planned Community Project for which an Environmental Impact Statement was filed and accepted by the City Department of General Planning in 1987. That EIS disclosed the environmental impacts of the Millilani Mauka Master Plan, which includes the subject proposed elementary school, in accordance with the requirements of Chapter 343, Hawaii Revised Statutes, and Title 11, Chap. 200, DOH Administrative Rules. Exhibit "A" is a copy of that Master Plan.

Your Department participated in that EIS review process and noted its concern about the impact of the Millilani Mauka project on police personnel and equipment and the ability of the roads to handle the traffic of a growing Central Oahu region. The final EIS for the project noted that the project developer would be working closely with State and City transportation officials to minimize traffic impacts of the project.

It is anticipated that additional personnel from the new police substation in Wahiawa will provide police protection to the Millilani Mauka Elementary School students, personnel and facilities.

Thank you for your kind and prompt attention to this communication.

Sincerely,

  
HARVEY HIDA, P.E.

Attachments.

The Commerce Tower • 1440 Kapiolani Blvd. • Suite 915 • Honolulu, Hawaii 96814  
Phone (808) 942-0068 • Fax (808) 947-7548

THE HAWAIIAN ENGINEERING & SURVEYING COMPANY  
CONSULTING ENGINEERS

HARVEY K. HIDA, P.E.  
ALAN T. OKAMOTO, P.E.

July 10, 1991

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

Dear Mr. Hayashida:

Subject: Environmental Assessment For The Proposed  
Millilani Mauka Elementary School Project  
TRK: 9-3-01; Parcels 11 and 16 and 9-5-02;  
Parcels 1 and 17, Millilani, Oahu, Hawaii.  
Applicant: State Department of Education.

In accordance with Sec. 11-200-10, Title 11, Chap. 200,  
Department of Health Administrative Rules, we hereby inform you of  
the proposed development of the Millilani Mauka Elementary School by  
the State Department of Education (hereinafter "applicant") as  
described in greater detail hereinbelow. We respectfully request  
your comments, if any, on the proposed school. Please send your  
comments, if any, to our office by July 20, 1991.

This communication fulfills part of the applicant's  
requirements toward the preparation and submission of an  
Environmental Assessment ("EA") for the project in compliance with  
Chap. 343, Hawaii Revised Statutes and Title 11, Chap. 200, DOH  
Administrative Rules.

Attached Exhibit "A" shows the proposed school location.  
Exhibit "B" presents a preliminary layout of the proposed project  
which will occupy approximately 9.3 acres of land. The school will  
be built in three phases as follows:

- Phase I
- \* Administrative Center; Cafetorium/Multi-Purpose Center. (See Complex "A", Exhibit "A").
  - \* Library/Computer Resources and General Classrooms Building. (See Complex "B", Exhibit "A").
  - \* 10 General Classrooms and 3 Special Education Classroom Building. (See Complex "C", Exhibit "A").
  - \* 66 On-site Parking Stalls.

Mr. Kazu Hayashida  
July 10, 1991  
Page 2.

Phase II \* 12 Classrooms and Facility Center. (See Complex "D", Exhibit "A")

\* 45 On-site Parking Stalls.

Phase III \* 12 Classrooms and Special Education Classroom. (See Complex "D", Exhibit "A").

Portable classrooms will also be developed within the site although their development timetable has not been set. (See Complex "E", Exhibit "A"). For your information, it is anticipated that the proposed school will contain approximately 1,203 persons (68 teachers, 30 school staff personnel and 1,105 students) on-site during the school year.

The proposed school is part of the larger, 1,200-acre Millilani Mauka Planned Community Project for which an Environmental Impact Statement was filed and accepted by the City Department of General Planning in 1987. That EIS disclosed the environmental impacts of the Millilani Mauka Master Plan, which includes the subject proposed elementary school, in accordance with the requirements of Chapter 343, Hawaii Revised Statutes, and Title 11, Chap. 200, DOH Administrative Rules. Exhibit "A" is a copy of that Master Plan.

Your agency participated in that EIS review process and noted that permission for the Millilani Mauka project to drill wells and withdraw water from the Pearl Harbor Groundwater Control Area must be obtained from the State DLMR and coordinated with the Board of Water Supply.

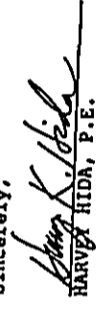
Also attached are Exhibit "C", the Ultimate Grading and Drainage Plan for the proposed Millilani Mauka Elementary School, and Exhibit "D", the Ultimate Utility Plan for the School. Exhibits "B", "C" and "D" were submitted to the Board for preliminary review and comments. The following table summarizes the comments received from your agency and the applicant's response thereto.

Board of Water Supply Comments	Applicant's Responses
* Show waterline profiles & details.	Will comply in Design Stage.
* Provide flow requirements on plan.	" "
* Provide water notes.	" "
* Submit irrigation plan.	" "

Mr. Kazu Hayashida  
July 10, 1991  
Page 3.

Thank you for your kind and prompt attention to this communication.

Sincerely,

  
HARVEY HIDA, P.E.

Attachments.



LEE, MURPHY & ASSOCIATES, INC.  
CONSULTING ENGINEERS

HARVEY K. HIDA, P.E.  
ALAN T. OKAMOTO, P.E.

Mr. Sam Callejo  
July 10, 1991  
Page 2.

July 10, 1991

Mr. Sam Callejo  
Director and Chief Engineer  
Department of Public Works  
City and County of Honolulu  
650 S. King Street, 11th Flr.  
Honolulu, Hawaii 96813

Dear Mr. Callejo:

Subject: Environmental Assessment For The Proposed  
Millilani Mauka Elementary School Project  
TMK: 9-5-01: Parcels 11 and 16 and 9-5-02:  
Parcels 1 and 17, Millilani, Oahu, Hawaii.  
Applicant: State Department of Education.

In accordance with Sec. 11-200-10, Title 11, Chap. 200,  
Department of Health Administrative Rules, we hereby inform you of  
the proposed development of the Millilani Mauka Elementary School by  
the State Department of Education (hereinafter "applicant") as  
described in greater detail hereinbelow. We respectfully request  
your comments, if any, on the proposed school. Please send your  
comments, if any, to our office by July 20, 1991.

This communication fulfills part of the applicant's  
requirements toward the preparation and submission of an  
Environmental Assessment ("EA") for the project in compliance with  
Chap. 343, Hawaii Revised Statutes and Title 11, Chap. 200, DOH  
Administrative Rules.

Attached Exhibit "A" shows the proposed school location.  
Exhibit "B" presents a preliminary layout of the proposed project  
which will occupy approximately 9.3 acres of land. The school will  
be built in three phases as follows:

- Phase I \* Administrative Center; Cafeteria/Multi-Purpose Center. (See Complex "A", Exhibit "A").
- \* Library/Computer Resources and General Classrooms Building. (See Complex "B", Exhibit "A").
- \* 10 General Classrooms and 3 Special Education Classroom Building. (See Complex "C", Exhibit "A").
- \* 66 On-site Parking Stalls.

- Phase II \* 12 Classrooms and Facility Center. (See Complex "D", Exhibit "A")
- \* 45 On-site Parking Stalls.

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Portable classrooms will also be developed within the site although their development timetable has not been set. (See Complex "E", Exhibit "A"). For your information, it is anticipated that the proposed school will contain approximately 1,203 persons (68 teachers, 30 school staff personnel and 1,105 students) on-site during the school year.

The proposed school is part of the larger, 1,200-acre Millilani Mauka Planned Community Project for which an Environmental Impact Statement was filed and accepted by the City Department of General Planning in 1987. That EIS disclosed the environmental impacts of the Millilani Mauka Master Plan, which includes the subject proposed elementary school, in accordance with the requirements of Chapter 343, Hawaii Revised Statutes, and Title 11, Chap. 200, DOH Administrative Rules. Exhibit "A" is a copy of that Master Plan.

Your Department participated in that EIS review process and noted a need to assure that the Millilani Town Trunk Sewer main would be adequate to serve the needs of the Millilani Mauka Project. The final EIS affirmed the adequacy of that sewer main for that purpose.

Also attached are Exhibit "C", the Ultimate Grading and Drainage Plan for the proposed Millilani Mauka Elementary School, and Exhibit "D", the Ultimate Utility Plan for the School. Exhibits "A", "B" and "C" were submitted to your Department for preliminary review and comments. The following table summarizes the comments offered by various divisions in your Department and the applicant's responses thereto.



CONSULTING ENGINEERS

HARVEY K. HIDA, P.E.  
ALAN T. OKAMOTO, P.E.

Mr. Joseph N. Magaldi, Jr.  
July 10, 1991  
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Phase II \* 12 Classrooms and Facility Center. (See Complex "D", Exhibit "A")  
\* 45 On-site Parking Stalls.

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Your agency participated in that EIS review process. In response to your comments on the EIS, the developer of the Millilani Mauka project indicated that the project's internal roadway alignments and right-of-way widths were established with the input and advise of your Department's staff.

Preliminary site and utility plans for the proposed Millilani Mauka Elementary School were submitted to your Department for preliminary review and comments. The following table summarizes the comments offered by your staff and the applicant's responses thereto.

DTS Comments	Applicant's Responses
* To minimize the proposed school's impact on the surrounding neighborhood, off-street areas should be provided on school grounds for any overflow of parking demand created by special school functions.	Complied. On-site parking lot will be adequate for this purpose.

July 10, 1991

Mr. Joseph N. Magaldi, Jr.  
Director  
Department of Transportation Services  
City and County of Honolulu  
650 S. King Street  
Honolulu, Hawaii 96813

Dear Mr. Magaldi:

Subject: Environmental Assessment For The Proposed Millilani Mauka Elementary School Project  
TMK: 9-5-01: Parcels 11 and 16 and 9-5-02: Parcels 1 and 17, Millilani, Oahu, Hawaii.  
Applicant: State Department of Education.

In accordance with Sec. 11-200-10, Title 11, Chap. 200, Department of Health Administrative Rules, we hereby inform you of the proposed development of the Millilani Mauka Elementary School by the State Department of Education (hereinafter "applicant") as described in greater detail hereinbelow. We respectfully request your comments, if any, on the proposed school. Please send your comments, if any, to our office by July 20, 1991.

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HARVEY K. HIDA, P.E.  
ALAN I. OKAMOTO, P.E.

HIDA, OKAMOTO & ASSOCIATES, INC.  
CONSULTING ENGINEERS

Wahilawa Neighborhood Board No. 26  
July 10, 1991  
Page 2.

July 10, 1991

Wahilawa Neighborhood Board No. 26  
c/o Wahilawa Satellite City Hall  
830 California Avenue  
Wahilawa, Hawaii 96786

Dear Neighborhood Board Members;

Subject: Environmental Assessment For The Proposed  
Millilani Mauka Elementary School Project  
Tracts: 9-5-01: Parcels 11 and 16 and 9-5-02:  
Parcels 1 and 17, Millilani, Oahu, Hawaii.  
Applicant: State Department of Education.

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Department of Health Administrative Rules, we hereby inform you of  
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requirements toward the preparation and submission of an  
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Chap. 343, Hawaii Revised Statutes and Title 11, Chap. 200, DOH  
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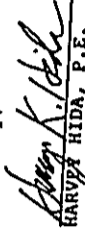
- Phase III \* 12 Classrooms and Special Education Classroom. (See Complex "D", Exhibit "A").

Portable classrooms will also be developed within the site although their development timetable has not been set. (See Complex "E", Exhibit "A"). For your information, it is anticipated that the proposed school will contain approximately 1,203 persons (68 teachers, 30 school staff personnel and 1,105 students) on-site during the school year.

The proposed school is part of the larger, 1,200-acre Millilani Mauka Planned Community Project for which an Environmental Impact Statement was filed and accepted by the City Department of Planning in 1987. That EIS disclosed the environmental impacts of the Millilani Mauka Master Plan, which includes the subject proposed elementary school, in accordance with the requirements of Chapter 343, Hawaii Revised Statutes, and Title 11, Chap. 200, DOH Administrative Rules. Exhibit "A" is a copy of that Master Plan.

Thank you for your kind and prompt attention to this communication.

Sincerely,

  
HARVEY K. HIDA, P.E.

Attachments.

CONSULTING ENGINEERS

HARVEY K. HIDA, P.E.  
ALAN T. OKAMOTO, P.E.

Millilani/Waipio/Helemanu Neighborhood  
Board No. 25  
July 10, 1991  
Page 2.

July 10, 1991

Millilani/Waipio/Helemanu Neighborhood  
Board No. 25  
P.O. Box 3116  
Millilani, Hawaii 96789

Dear Neighborhood Board Members:

Subject: Environmental Assessment For The Proposed  
Millilani Mauka Elementary School Project  
TRK: 9-5-01: Parcels 11 and 16 and 9-5-02:  
Parcels 1 and 17, Millilani, Oahu, Hawaii.  
Applicant: State Department of Education.

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Department of Health Administrative Rules, we hereby inform you of  
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This communication fulfills part of the applicant's  
requirements toward the preparation and submission of an  
Environmental Assessment ("EA") for the project in compliance with  
Chap. 343, Hawaii Revised Statutes and Title 11, Chap. 200, DOH  
Administrative Rules.

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Thank you for your kind and prompt attention to this communication.

Sincerely,

  
HARVEY HIDA, P.E.

Attachments.

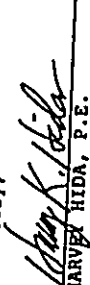
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Phone (808) 942-0068 • Fax (808) 947-7546

Mr. Joseph N. Magaldi  
July 10, 1991  
Page 3.

- |   |                              |
|---|------------------------------|
| * For safety and security reasons, the proposed perimeter for the school should be installed in- place along its entire perimeter when school opens. Thus, unless there is a fair amount of certainty that the "assumed" fences to be provided by the Fire Department and Housing Project sites will be installed to coincide with the opening of school, the school should install the entire perimeter fence. | Applicant will comply.       |
| * Perimeter fence should be 6' instead of 4' high.  | Will comply in Design Stage. |
| * Add approval block and traffic notes.   | " "                          |
| * Align wheel chair ramp at Ainamakua Drive and Makai Drive intersection to align with MF-103 Driveway.   | " "                          |
| * Align driveway at fire station with future Unit 112 Driveway.   | " "                          |

Thank you for your kind and prompt attention to this communication.

Sincerely,

  
HARVEY HIDA, P.E.

Attachments.

KING, WILLIAMS & ASSOCIATES, INC.  
CONSULTING ENGINEERS

HARVEY K. HIDA, P.E.  
ALANT. OKAMOTO, P.E.

Mr. William A. Bonnet  
July 10, 1991  
Page 2.

Phase II \* 12 Classrooms and Facility Center. (See Complex "D", Exhibit "A")  
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Phase III \* 12 Classrooms and Special Education Classroom. (See Complex "D", Exhibit "A").

Portable classrooms will also be developed within the site although their development timetable has not been set. (See Complex "E", Exhibit "A"). For your information, it is anticipated that the proposed school will contain approximately 1,203 persons (68 teachers, 30 school staff personnel and 1,105 students) on-site during the school year.

July 10, 1991

Mr. William A. Bonnet  
Manager  
Environmental Department  
Hawaiian Electric Company, Inc.  
P.O. Box 2750  
Honolulu, Hawaii 96804-0001

Dear Mr. Bonnet:

Subject: Environmental Assessment For The Proposed Millilani Mauka Elementary School Project  
TR#: 9-5-01: Parcels 11 and 16 and 9-5-02: Parcels 1 and 17, Millilani, Oahu, Hawaii.  
Applicant: State Department of Education.

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Your agency participated in that EIS review process and noted that the final EIS for the Millilani Mauka project adequately addressed its comments.

Thank you for your kind and prompt attention to this communication.

Sincerely,

  
HARVEY HIDA, P.E.

Attachments.

The Commerce Tower • 1440 Kapiolani Blvd. • Suite 915 • Honolulu, Hawaii 96814  
Phone (808) 942-0068 • Fax (808) 947-7546

**WILLIAMS ENGINEERING & ARCHITECTURE, INC.**  
**CONSULTING ENGINEERS**

HARVEY K. HIDA, P.E.  
ALAN T. OKAMOTO, P.E.

Col. Michael E. Heenan, USAF  
July 10, 1991  
Page 2.

Phase II \* 12 Classrooms and Facility Center. (See Complex "D", Exhibit "A")  
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Thank you for your kind and prompt attention to this communication.

Sincerely,

*Harvey K. Hida*  
HARVEY HIDA, P.E.

Attachments.

July 10, 1991

Col. Michael E. Heenan, USAF  
Commander  
15th Air Base Squadron (PACAF)  
Wheeler Air Force Base, Hawaii 96864-5000

Dear Col. Heenan:

Subject: Environmental Assessment For The Proposed Millilani Mauka Elementary School Project  
TK: 9-5-01: Parcels 11 and 16 and 9-5-02: Parcels 1 and 17, Millilani, Oahu, Hawaii.  
Applicant: State Department of Education.

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和記洋行 建築師事務所  
CONSULTING ENGINEERS

HARVEY K. HIDA, P.E.  
ALAN T. OKAMOTO, P.E.

July 10, 1991

Commander  
Headquarters U.S. Army Support  
Command, Hawaii  
Dunning Hall  
Fort Shafter, Hawaii 96850-5000

Dear Sir:

Subject: Environmental Assessment For The Proposed  
Millilani Mauka Elementary School Project  
TRK: 9-5-01: Parcels 11 and 16 and 9-5-02:  
Parcels 1 and 17, Millilani, Oahu, Hawaii.  
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Commander, U.S. Army Support Command, Hawaii  
July 10, 1991  
Page 2.

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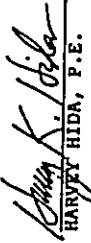
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Sincerely,

  
HARVEY HIDA, P.E.

Attachments.

HIDA, HARVEY K. & OKAMOTO, ALANT  
CONSULTING ENGINEERS

HARVEY K. HIDA, P.E.  
ALANT. OKAMOTO, P.E.

Col. Virgil J. Carr, Jr.  
July 10, 1991  
Page 2.

July 10, 1991

Col. Virgil J. Carr, Jr., USAF  
Director of Civil Engineering  
Department of the Air Force  
Headquarters 15th Air Base Wing (PACAF)  
Hickam Air Force Base, Hawaii 96853-5000

Dear Col. Carr:

Subject: Environmental Assessment For The Proposed  
Millilani Mauka Elementary School Project  
TMK: 9-5-01: Parcels 11 and 16 and 9-5-02:  
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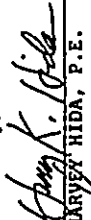
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