

ORIGINAL

REFERENCES OF
REVISIONS AND INSERTS TO
APRIL 2007 APPLICATION
FOR
REVISED
APPLICATION TO MODIFY
CONDITIONAL USE PERMIT (MAJOR) 72/CUP-15
and
SPECIAL USE PERMIT NO. SP73-147
City and County of Honolulu



Relocation of Designated
Excavation Area and Buffer Zone
of the
Makakilo Quarry
Ewa, Oahu, Hawaii

July 2007

Prepared by:



Honolulu, Hawaii

EXHIBIT 4

Notes on Organization of this Application

References of Revision and Inserts
to April 2007 Application for Revised Application

DEPT OF PLANNING
AND PERMITTING
CITY & COUNTY OF HONOLULU

'07 AUG 10 P4:22

RECEIVED

- 1) This reference is provided for the convenience of the Department of Planning and Permitting (DPP) staff to review the specific changes that were made to the April 2007 CUP/SUP Application.
- 2) The changes, which include text revisions, new inserts, new figures, and new photos, are highlighted in yellow.
- 3) Copies of the fully revised application which includes the Revision and Inserts are submitted and accompany this Reference document.
- 4) The original of this application was filed and received by DPP on April 18, 2007. The cover letter accompanying the April filing is included in Section 1.4. The DPP letter of June 1, 2007 returning the April application and requesting further information is included in Section 1.5.
- 5) Many of the questions raised in the June 1st DPP letter were based on Grace Pacific's request for an After-the-Fact resolution of a discrepancy in the 1973 approval of the CUP and SUP between the text of the application, which described the quarry area as 72 acres and the supporting exhibits, which reflected an area of 93 acres. Grace Pacific is withdrawing its request and a new Section 1.6 has been added to address this fully.
- 6) Please note the changes made to the April application and included in this July re-submittal are:
 - a) Revisions to "Notes on Organization of this Application."
 - b) Revisions to "Table of Contents."
 - c) Replacement of (2) Master Application Forms to reflect Grace Pacific as applicant.
 - d) Inclusion of April 2007 Cover Letter to Section 1.4.
 - e) New Section 1.5 for June 2007 DPP letter.
 - f) New Section 1.6 to address "After-the-Fact-Approval."
 - g) Replacement of page 10-1 "Land Use Commission Guidelines."
 - h) New Section 10.6 "Consistency with Chapter 205A, HRS."
 - i) Replacement of Exhibit C-3 with "Semi-Annual Reporting, Condition 5, 1976 to 2007."
 - j) Replacement of Exhibit G with complete Tunnel Easement document and Grace Pacific correspondence to DOT Highways.
 - k) Replacement of Exhibits 2.0 through 2.8 of Appendix E of Exhibit K "Draft Engineering Report (April 2007).

l) New Exhibits:

S – Geologic Description of Quarries in Oahu, Hawaii

T - DPP April 2004 approval of Minor Modification to 72/CUP-15

U – PC&R 1973 CUP and SUP Permit Applications

V – PC&R 1972 Application, Pages 5, 9, and 10

m) New Figures:

13 – Active Quarry, October 2005 through September 2006

14 – Settling Basin as depicted in 1973 application, Exhibit XIX

15 – Comparison of 1973 Exhibit A to PC&R Declaration with 2004 Revised Grading Plan as accepted by DPP

16 – July 1998 Parametrix Final Grading Plan

n) New Photos:

F-7 – Renaturalization of Abandoned Golf Development Project

F-8 – Overlay of 2004 Revised Grading Plan on to September 2006 Aerial Photo

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Exhibit U PC&R 1973 CUP and SUP Applications
Exhibit V PC&R 1972 Application, Pages 5, 9, and 10

1 MASTER APPLICATION FORM AND FEES CALCULATION

1.1 Master Application Form

- a. Modification to Conditional Use Permit 72/CUP-15

1.2 Master Application Form

- a. Special Use Permit Application

1.3 Fees Calculation

1.4 April 16, 2007 Cover Letter Accompanying Application

1.5 June 1, 2007 DPP Letter Requesting Further Information

1.6 Withdrawal of Prior Request for After-the-Fact-Approval

1.1 Master Application Form

- a. Modification to Conditional Use Permit 72/CUP-15

CITY AND COUNTY OF HONOLULU
DEPARTMENT OF PLANNING & PERMITTING

650 South King Street
Honolulu, Hawaii 96813

LAND USE PERMITS DIVISION MASTER APPLICATION FORM

Additional data, drawings/plans, and fee requirements are listed on a separate sheet titled "Instructions for Filing". PLEASE ASK FOR THESE INSTRUCTIONS.

All specified materials described in the "Instructions for Filing" and required fees must accompany this form; incomplete applications will delay processing. You are encouraged to consult with Zoning Division staff in completing the application. Please call the appropriate phone number given in the "Instructions for Filing."

Please print legibly or type the required information.

SUBMITTED FEE: \$ 10,600

PERMIT/APPROVAL REQUESTED (Check one or more as appropriate):

<input type="checkbox"/> Cluster: <input type="checkbox"/> Agricultural <input type="checkbox"/> Country <input type="checkbox"/> Housing	<input type="checkbox"/> Plan Review Use	Special Management Area Use Permit: <input type="checkbox"/> Minor <input type="checkbox"/> Major
<input type="checkbox"/> Conditional Use Permit: <input type="checkbox"/> Minor <input checked="" type="checkbox"/> Major	<input type="checkbox"/> Planned Development: <input type="checkbox"/> Housing <input type="checkbox"/> Commercial (WSD Only) <input type="checkbox"/> Resort (WSD Only)	<input type="checkbox"/> Variance from LUO Sec.(s): _____
<input type="checkbox"/> Existing Use: _____ (Indicate Type of Use)	<input type="checkbox"/> Shoreline Setback Variance	<input type="checkbox"/> Waiver from LUO Sec.(s): _____
<input type="checkbox"/> Minor Shoreline Structures Permit	<input type="checkbox"/> Special District Permit: <input type="checkbox"/> Minor <input type="checkbox"/> Major _____ (Indicate District)	<input type="checkbox"/> Zoning Adjustment, LUO Sec.(s): _____
<input checked="" type="checkbox"/> Modify Approved Permit: <u>CUP No. 72/CUP-15</u> (Indicate Reference File No.)	<input type="checkbox"/> Downtown Height >350 Feet	<input type="checkbox"/> 201G Project

TAX MAP KEY(S): (1) 9-1-16: 4 and (1) 9-2-3: 74 & 82

TOTAL AREA: TMK 9-1-16: 4 (54 acs.), 9-2-3: 74 (312 acs.), and 9-2-3: 82 (175 acs.)

ZONING DISTRICT(S): AG-1 Restricted/AG-2 General Ag

STATE LAND USE DISTRICT: Agricultural District

STREET ADDRESS/LOCATION OF PROPERTY: 91-920 Farrington Highway

RECORDED FEE OWNER:

Name (& title, if any) Puu Makakilo Inc. / James Campbell Co.
Mailing Address P.O. Box 78 1001 Kamokila Bl.
Hon., HI 96810 Kapolei, HI 96707
Phone Number 674-8383 674-6674
Signature _____

PRESENT USE(S) OF PROPERTY/BUILDING:

Active quarry, processing site, and open space
buffer

PROJECT NAME (if any): Makakilo Quarry

APPLICANT:

Name Grace Pacific Corporation
Mailing Address P.O. Box 78
Honolulu, HI 96810
Phone Number 674-8383
Signature _____ (Robert M. Creps, Sr. V.P.)
AUTHORIZED AGENT/CONTACT PERSON:
Name Belt Collins Hawaii Ltd. (Lee Sichter)
Mailing Address 2153 North King Street, Suite 200
Honolulu, HI 96819
Phone Number 521-5361
Signature _____

REQUEST/PROPOSAL (Briefly describe the nature of the request, proposed activity or project):

Grace Pacific Corporation (parent company of
Puu Makakilo Inc. and operator of the Makakilo Quarry) is proposing to modify Conditional Use Permit
72/CUP-15 to allow the relocation of its designated excavation area and buffer zone for Makakilo Quarry.

1.2 Master Application Form

- a. Special Use Permit Application

**CITY AND COUNTY OF HONOLULU
DEPARTMENT OF PLANNING & PERMITTING**
650 South King Street
Honolulu, Hawaii 96813

**PLANNING DIVISION
MASTER APPLICATION FORM**

Additional data, drawings/plans, and fee requirements are listed on a separate sheet titled "Instructions for Filing". **PLEASE ASK FOR THESE INSTRUCTIONS.**

All specified materials described in the "Instructions for Filing" and required fees must accompany this form; incomplete applications will delay processing. You are encouraged to consult with Planning Division staff in completing the application. Please call the appropriate phone number given in the "Instructions for Filing".

Please print legibly or type the required information. **SUBMITTED FEE: \$ 6,600**

PERMIT/APPROVAL REQUESTED (Check one or more as appropriate):

<input type="checkbox"/> GENERAL PLAN AMENDMENT	<input checked="" type="checkbox"/> SPECIAL USE PERMIT	ZONE CHANGE
		<input type="checkbox"/> From _____ (District)
		to _____ (District)
<input type="checkbox"/> STATE LAND USE BOUNDARY AMENDMENT (≤15 acres)		<input type="checkbox"/> Amend Unilateral Agreement to Ordinance No. _____
From _____ (District) to _____ (District)		<input type="checkbox"/> Zoning Map Adjustment, Administrative
DEVELOPMENT PLAN (DP) AMENDMENT (Indicate DP Area)		<input type="checkbox"/> OTHER DP (Special Provisions, etc.)
<input type="checkbox"/> DP LAND USE MAP		
From _____ (Designation) to _____ (Designation)		
<input type="checkbox"/> DP Public Facilities Map/Public Infrastructure Map (Indicate Map Symbol Request)		

TAX MAP KEY(S): (1) 9-1-16: 4 and (1) 9-2-3: 74 & 82
APPLICATION/SUBJECT AREA (Acres/sq.ft.): TMK 9-1-16: 4 (54 acs.), 9-2-3: 74 (312 acs.), and 9-2-3: 82 (175 acs.)
DP LAND USE MAP-DESIGNATION(S): Low and Medium Density Residential
ZONING DISTRICT(S): AG-1 Restricted & AG-2 General **STATE LAND USE DISTRICT:** Agricultural District
STREET ADDRESS/LOCATION OF PROPERTY: 91-920 Farrington Highway, Ewa District, Hawaii

RECORDED FEE OWNER:	APPLICANT:
Name (& title, if any) <u>Puu Makakilo Inc. / James Campbell</u>	Name <u>Grace Pacific Corporation</u>
Mailing Address <u>P.O. Box 78 1001 Kamokila Bl</u>	Mailing Address <u>P.O. Box 78</u>
<u>Hon., HI 96810 Kapolei, HI 96707</u>	<u>Honolulu, HI 96810</u>
Phone Number <u>674-8383 674-6674</u>	Phone Number <u>674-8383</u>

Signature _____ Puu Makakilo Inc. (for Campbell [see attached])	Signature _____ Robert M. Creps, Sr. V.P., Admin.
PRESENT USE(S) OF PROPERTY/BUILDING:	AUTHORIZED AGENT/CONTACT PERSON:
<u>Active quarry, processing site and open space</u>	Name <u>Belt Collins Hawaii Ltd. (Lee Sichter)</u>
<u>buffer</u>	Mailing Address <u>2153 North King Street, Suite 200</u>
	<u>Honolulu, HI 96819</u>
PROJECT NAME (if any):	Phone Number <u>521-5361</u>
<u>Makakilo Quarry</u>	Signature _____

REQUEST/PROPOSAL (Briefly describe the nature of the request, proposed activity or project): Grace Pacific Corporation (parent company of Puu Makakilo Inc. and operator of Makakilo Quarry) is proposing to modify Special Use Permit No. SP73-147 to allow the relocation of its designated excavation area and buffer zone for Makakilo Quarry.

FOR DEPARTMENT USE ONLY

ACTION TAKEN BY DEPARTMENT:	POSSE JOB NO. _____
<input type="checkbox"/> Application incomplete (not accepted)	Date Application Accepted: _____
<input type="checkbox"/> Withdrawn by applicant	
<input type="checkbox"/> Denied for reason(s):	

1.3 Fees Calculation

1.3 Calculations for Application Fees

The proposed quarry expansion consists of three elements: a proposed excavation relocation area (34 acres); the construction of a berm to mitigate visual impacts (11 acres); and an area of new grading for landscaping (8 acres). The calculation of the enclosed application fees is based on the sum of these three areas (53 acres). We are enclosing application fees to cover the Conditional Use Permit Application (\$10,600), and the Special Use Permit Application (\$6,600).

**1.4 April 16, 2007 Cover Letter
Accompanying Application**



April 16, 2007
2004.33.8000 / 07P-108

DEPARTMENT OF CITY AND COUNTY PLANNING AND PERMITTING
CITY & COUNTY OF HONOLULU

07 APR 18 PM 2:51

RECEIVED

Mr. David K. Tanoue, Deputy Director
Department of Planning and Permitting
City and County of Honolulu
650 South King Street, 7th Floor
Honolulu, HI 96813

Dear Mr. Tanoue:

**Applications for
Major Modification of Conditional Use Permit No. 72/CUP-15,
including After-The-Fact Approval;
Modification of Special Use Permit No. 73/SUP-147; and
Conditional Use Permit (Minor) for Joint Development of Adjoining Zoning Lots
91-920 Farrington Highway ("Makakilo Quarry") – Makakilo
Tax Map Key 9-1-016: 004 and 9-2-003: 074 and 082**

Honolulu
Guam
Hong Kong
Philippines
Seattle
Singapore
Thailand

We are writing to follow up on our meeting with you and Mr. Raymond Young on February 15, 2007. On behalf of Grace Pacific Corporation, we are pleased to submit to you applications for the above permits to allow the relocation of the designated excavation area and buffer zone of the Makakilo Quarry.

Enclosed is an application for a major modification to Conditional Use Permit No. 72/CUP-15, including, pursuant to your recommendation, a request for an after-the-fact approval of previous quarrying activity that exceeded the acreage limits, as stated in the original permit. Please note that per your guidance we are including reference to Tax Map Key 9-1-016:004 in the application (the site of the existing processing facility). Although no new activity is proposed at the processing site, it was part of the original permit and the continuing use of the property is discussed in the enclosed applications.

Also enclosed is an application for the modification of Special Use Permit No. 73/SUP-147, as well as an application for Conditional Use Permit (Minor) for the joint development of two adjoining tax map parcels (9-2-003: 074 and 082) for the quarry expansion project. The three applications are combined into a Multi-Permit Application, and hence six (6) copies of the MP Application are herewith submitted to cover the two copies per individual permit application requirement.

Mr. David K. Tanoue
April 16, 2007
2004.33.8000 / 07P-108
Page 2

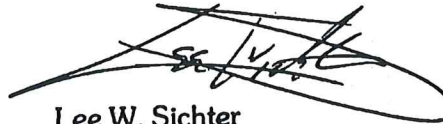
The proposed expansion consists of three elements: a proposed excavation relocation area (34 acres), the construction of a berm to mitigate visual impacts (11 acres), and an area of new grading for landscaping (8 acres). The calculation of the enclosed application fees is based on the sum of these three areas (53 acres). We are enclosing three checks to cover the two Conditional Use Permit application fees (\$10,600 for the major modification and \$300 for the minor) and the Special Use Permit application fee (\$6,600).

As confirmed by your department's letter of March 7, 2007, we have fulfilled our obligation for early consultation with the department (February 2, 2006). We have also presented the project to the Makakilo/Kapolei Neighborhood Board on two separate dates (July 26, 2006 and September 27, 2006).

We look forward to your confirmation of the completeness of the enclosed applications. Should you have any questions about the project or the applications, please contact me at 521-5361 or Mr. Bob Creps of Grace Pacific at 674-5201.

Very truly yours,

BELT COLLINS HAWAII LTD.



Lee W. Sichter
Principal Planner

LWS:lf

Enclosure

cc: Bob Creps
J. Douglas Ing, Esq.



April 17, 2007

Mr. Henry Eng, Director
Department of Planning and Permitting
City and County of Honolulu
650 South King Street
Honolulu, HI 96813

Dear Mr. Eng:

City and County of Honolulu Permit Applications
Makakilo Quarry, Ewa District, Hawaii

James Campbell Company LLC is the owner of Tax Map Key (TMK) parcels 9-1-16: 4 and 9-2-3: 82, and Grace Pacific Corporation is the lessee and current user of TMK parcel 9-1-16: 4 and licensee and current user of TMK parcel 9-2-3: 82. As landowner of the two properties, we authorize Grace Pacific and its agent, Belt Collins Hawaii Ltd. to file a Conditional Use Permit Application and Special Use Permit Application for the relocation of the designated excavation area and buffer zone of Makakilo Quarry.

Should you have any questions regarding this authorization, please do not hesitate to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Bert L. Hatton", written over a horizontal line.

Bert L. Hatton
Executive Vice President,
Hawaii Land Management

jo:00035100/K10003

cc: Grace Pacific Corporation

**CITY AND COUNTY OF HONOLULU
DEPARTMENT OF PLANNING & PERMITTING
650 South King Street
Honolulu, Hawaii 96813**

LAND USE PERMITS DIVISION MASTER APPLICATION FORM

RECEIVED
 07 APR 18 PM 2:50
 RECEIVED
 09 AUG 10 PM 4:25
 CITY AND COUNTY OF HONOLULU
 DEPARTMENT OF PLANNING AND PERMITTING
 LAND USE PERMITS DIVISION

Additional data, drawings/plans, and fee requirements are listed on a separate sheet titled "Instructions for Filing". **PLEASE ASK FOR THESE INSTRUCTIONS.**

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Please print legibly or type the required information.

SUBMITTED FEE: \$ 10,600

PERMIT/APPROVAL REQUESTED (Check one or more as appropriate):

Cluster: <input type="checkbox"/> Agricultural <input type="checkbox"/> Country <input type="checkbox"/> Housing Conditional Use Permit: <input type="checkbox"/> Minor <input checked="" type="checkbox"/> Major <input type="checkbox"/> Existing Use: _____ (Indicate Type of Use) <input type="checkbox"/> Minor Shoreline Structures Permit <input checked="" type="checkbox"/> Modify Approved Permit: <u>CUP No. 72/CUP-15</u> (Indicate Reference File No.)	<input type="checkbox"/> Plan Review Use Planned Development: <input type="checkbox"/> Housing <input type="checkbox"/> Commercial (WSD Only) <input type="checkbox"/> Resort (WSD Only) <input type="checkbox"/> Shoreline Setback Variance Special District Permit: <input type="checkbox"/> Minor <input type="checkbox"/> Major _____ (Indicate District) <input type="checkbox"/> Downtown Height >350 Feet	Special Management Area Use Permit: <input type="checkbox"/> Minor <input type="checkbox"/> Major <input type="checkbox"/> Variance from LUO Sec.(s): _____ <input type="checkbox"/> Waiver from LUO Sec.(s): _____ <input type="checkbox"/> Zoning Adjustment, LUO Sec.(s): _____ <input type="checkbox"/> 201G Project
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TAX MAP KEY(S): (1) 9-1-16: 4 and (1) 9-2-3: 74 & 82
 LOT AREA: TMK 9-1-16: 4 (54 acs.), 9-2-3: 74 (312 acs.), and 9-2-3: 82 (175 acs.)
 ZONING DISTRICT(S): AG-1 Restricted/AG-2 General Ag STATE LAND USE DISTRICT: Agricultural District
 STREET ADDRESS/LOCATION OF PROPERTY: 91-920 Farrington Highway

RECORDED FEE OWNER:
 Name (& title, if any) Puu Makakilo Inc / James Campbell Co
 Mailing Address P.O. Box 78 1001 Kamokila Bl
Hon., HI 96810 Kapolei, HI 96707
 Phone Number 674-8383 674-6674
 Signature [Signature]
PRESENT USE(S) OF PROPERTY/BUILDING:
Active quarry, processing site, and open
space buffer
PROJECT NAME (if any): Makakilo Quarry

APPLICANT:
 Name Belt Collins Hawaii Ltd (Lee Sichter)
 Mailing Address 2153 North King Street, Suite 200
Honolulu, Hawaii 96819
 Phone Number 521-5361
 Signature [Signature]
AUTHORIZED AGENT/CONTACT PERSON:
 Name Belt Collins Hawaii Ltd (Lee Sichter)
 Mailing Address 2153 North King Street, Suite 200
Honolulu, Hawaii 96819
 Phone Number 521-5361
 Signature [Signature]

REQUEST/PROPOSAL (Briefly describe the nature of the request, proposed activity or project): Grace Pacific Corporation (parent company of Puu Makakilo Inc and operator of the Makakilo Quarry) is proposing to modify Conditional Use Permit 72/CUP-15 to allow the relocation of its designated excavation area and buffer zone for Makakilo Quarry.

POSSE JOB NO. _____



April 17, 2007

Mr. Henry Eng, Director
Department of Planning and Permitting
City and County of Honolulu
650 South King Street
Honolulu, HI 96813

Dear Mr. Eng:

City and County of Honolulu Permit Applications
Makakilo Quarry, Ewa District, Hawaii

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Should you have any questions regarding this authorization, please do not hesitate to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Bert L. Hatton", written over a horizontal line.

Bert L. Hatton
Executive Vice President,
Hawaii Land Management

jo:00035100/K10003

cc: Grace Pacific Corporation

**CITY AND COUNTY OF HONOLULU
DEPARTMENT OF PLANNING & PERMITTING**
650 South King Street
Honolulu, Hawaii 96813

**PLANNING DIVISION
MASTER APPLICATION FORM**

RECEIVED
CITY & COUNTY OF HONOLULU
DEPT. OF PLANNING & PERMITTING
APR 18 11:26 AM '07

Additional data, drawings/plans, and fee requirements are listed on a separate sheet titled "Instructions for Filing". **PLEASE ASK FOR THESE INSTRUCTIONS.**

All specified materials described in the "Instructions for Filing" and required fees must accompany this form. Incomplete applications will delay processing. You are encouraged to consult with Planning Division staff in completing the application. Please call the appropriate phone number given in the "Instructions for Filing".

Please print legibly or type the required information. **SUBMITTED FEE: \$ 6,600**

PERMIT/APPROVAL REQUESTED (Check one or more as appropriate):

<input type="checkbox"/> GENERAL PLAN AMENDMENT	<input checked="" type="checkbox"/> SPECIAL USE PERMIT
<input type="checkbox"/> STATE LAND USE BOUNDARY AMENDMENT (≤15 acres) From _____ (District) to _____ (District)	
<input type="checkbox"/> DEVELOPMENT PLAN (DP) AMENDMENT (Indicate DP Area)	
<input type="checkbox"/> DP LAND USE MAP From _____ (Designation) to _____ (Designation)	
<input type="checkbox"/> DP Public Facilities Map/Public Infrastructure Map (Indicate Map Symbol Request)	
ZONE CHANGE <input type="checkbox"/> From _____ (District) to _____ (District)	
<input type="checkbox"/> Amend Unilateral Agreement to Ordinance No. _____	
<input type="checkbox"/> Zoning Map Adjustment, Administrative	
<input type="checkbox"/> OTHER DP (Special Provisions, etc.)	

TAX MAP KEY(S): (1) 9-1-16: 4 and (1) 9-2-3: 74 & 82
APPLICATION/SUBJECT AREA (Acres/sq.ft.): TMK 9-1-16: 4 (54 acs), 9-2-3: 74 (312 acs), and 9-2-3: 82 (175 acs)
DP LAND USE MAP-DESIGNATION(S): Low and Medium Density Residential
ZONING DISTRICT(S): AG-1 Restricted & AG-2 General STATE LAND USE DISTRICT: Agricultural District
STREET ADDRESS/LOCATION OF PROPERTY: 91-920 Farrington Highway, Ewa District, Hawaii

RECORDED FEE OWNER:
 Name (& title, if any) Puu Makakilo Inc./James Campbell
 Mailing Address P.O. Box 78 1001 Kamokila Bl
Hon, HI 96810 Kapolei, HI 96707
 Phone Number 674-8383 674-6674
 Signature [Signature]
Puu Makakilo Inc. (for Campbell [see attached])

APPLICANT:
 Name Belt Collins Hawaii Ltd. (Lee Sichter)
 Mailing Address 2153 North King Street, Suite 200
Honolulu, HI 96819
 Phone Number 521-5361
 Signature [Signature]

PRESENT USE(S) OF PROPERTY/BUILDING:
Active quarry, processing site and open space buffer.

AUTHORIZED AGENT/CONTACT PERSON:
 Name Belt Collins Hawaii Ltd. (Lee Sichter)
 Mailing Address 2153 North King Street, Suite 200
Honolulu, HI 96819
 Phone Number 521-5361
 Signature [Signature]

PROJECT NAME (if any):
Makakilo Quarry

REQUEST/PROPOSAL (Briefly describe the nature of the request, proposed activity or project): Grace Pacific Corporation (parent company of Puu Makakilo Inc. and operator of Makakilo Quarry) is proposing to modify Special Use Permit 73/SUP-147 to allow the relocation of its designated excavation area and buffer zone for Makakilo Quarry.

FOR DEPARTMENT USE ONLY

ACTION TAKEN BY DEPARTMENT:
 Application incomplete (not accepted)
 Withdrawn by applicant
 Denied for reason(s): _____

POSSE JOB NO. _____
Date Application Accepted: _____



April 17, 2007

Mr. Henry Eng, Director
Department of Planning and Permitting
City and County of Honolulu
650 South King Street
Honolulu, HI 96813

Dear Mr. Eng:

City and County of Honolulu Permit Applications
Makakilo Quarry, Ewa District, Hawaii

James Campbell Company LLC is the owner of Tax Map Key (TMK) parcels 9-1-16: 4 and 9-2-3: 82, and Grace Pacific Corporation is the lessee and current user of TMK parcel 9-1-16: 4 and licensee and current user of TMK parcel 9-2-3: 82. As landowner of the two properties, we authorize Grace Pacific and its agent, Belt Collins Hawaii Ltd. to file a Conditional Use Permit Application and Special Use Permit Application for the relocation of the designated excavation area and buffer zone of Makakilo Quarry.

Should you have any questions regarding this authorization, please do not hesitate to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read 'Bert L. Hatton', written over a horizontal line.

Bert L. Hatton
Executive Vice President,
Hawaii Land Management

jo:00035100/K10003

cc: Grace Pacific Corporation

**1.5 June 1, 2007 DPP Letter Requesting
Further Information**

DEPARTMENT OF PLANNING AND PERMITTING
CITY AND COUNTY OF HONOLULU
650 SOUTH KING STREET, 7TH FLOOR • HONOLULU, HAWAII 96819
TELEPHONE: (808) 768-8000 • FAX: (808) 527-6743
INTERNET: www.honolulu.gov • DEPT. WEB SITE: www.honoluluapp.org

2007 JUN -6 PM 1:35

BELT COLLINS HAWAII

HENRY ENG, FAICP
DIRECTOR

DAVID K. TANOUE
DEPUTY DIRECTOR



MUFI HANNEMANN
MAYOR

2007/SUP-5(RY)
2007/CUP-49

June 1, 2007

Mr. Lee Sichter
Belt Collins and Associates, Ltd.
2153 North King Street, Suite 200
Honolulu, Hawaii 96819

Dear Mr. Sichter:

Subject: Expansion of Makakilo Quarry
Special Use Permit (SUP) Application No. 2007/SUP-5
Conditional Use Permit (CUP) Application No. 2007/CUP-49
Grace Pacific Corporation
91-920 Farrington Highway and 91-1130 Pueonani Street - Makakilo
Tax Map Key 9-1-16: 4 and 9-2-3: 74 and 82

The subject SUP and CUP applications cannot be accepted for processing until the following is provided and/or clarified:

1. A complete description of how the applicant is in compliance with Condition No. 1 of 72/SUP-1, which calls for compliance with representations submitted in the 1972 SUP/CUP applications. Particular emphasis should be placed on the following:
 - a. Representations made in the 1972 SUP/CUP application materials that at no time will more than 18 acres be stripped for quarrying. We note that an open pit in excess of 90 acres has been stripped and is in active quarry and related/accessory uses.
 - b. The materials submitted for the SUP/CUP application in 1972 indicates that the existing project's daily traffic is 36 mixer truck round trips from 6:00 a.m. to 4:00 p.m. and 91 dump truck round trips from 7:00 a.m. to 12:00 p.m. Please explain the apparent increase in hours of operation described in the current application where operations begin at 6:00 a.m. daily and end as late as 1:00 a.m. (hot mix plant on Parcel 4).

- c. The SUP/CUP application also indicates that after 20 years (from about 1973), the quarry operation will cease, all installations will be removed, and all exposed soil areas will be landscaped with trees and shrubs. However, the quarry has expanded its operations beyond the 20-year closure plan. The SUP has no record of an extension of the closure deadline, or expansion beyond the approved area.

Please provide a description of the circumstances that have led to the current quarry configuration and extended time frame. This information would be helpful in future approvals and permit monitoring.

- d. Please provide a status of the 1,000-foot-long settling basin makai of Farrington Highway. What are the plans for its continued use as this area is proposed for future urban development.
2. Please provide a digital scaled model of the project at intervals of five (5) years and after completion of the renaturalization process. The digital model should be in color and portray projected topographic and landscaping conditions at each of the 5-year increments. The model should be based on views of the quarry from all public vantage points now and in the future pursuant to established development plans and proposed projects of record. Special emphasis should be placed on views of the quarry and the processing facilities makai of H-1 from lands directly makai of the quarry, e.g., the proposed University of Hawaii, West Oahu Campus, and the area's public roadways, such as the North-South Road now under construction and views from at-grade or elevated portions of the Honolulu High-Capacity Transit Corridor Project.
 3. Page 10-1 indicates that Chapter 205A, HRS, Coastal Zone Management, is not relevant to this application. However, pursuant to Section 205A-1, the "coastal zone management area" means all lands of the State and the area extending seaward from the shoreline to the limit of the State's police power and management authority, including the United States territorial sea. In addition, Section 205A-5(b) requires that all agencies enforce the objectives and policies of this chapter and any rules adopted pursuant to this chapter. Furthermore, the Land Use Commission in a letter dated February 13, 2006, states that "...Regardless of the type of facility involved or its location relative to the shoreline, an assessment as to how the project is not contrary to each of the ten objectives of the Coastal Zone Management program, as required by Section 15-15-95(b)(1), Hawaii Administrative Rules, should be provided." Accordingly, the application materials should include a section on how the proposal addresses relevant objectives and policies of Chapter 205A.

4. An updated assessment of alternative quarry sites based on current reconnaissance technologies and economic values should be provided.
5. The area being covered under the SUP and CUP applications should include the primary activity, resource extraction, and any accessory uses and structures, including a portion of the access road used solely for the quarry, and the area for the conveyor tunnel area under the H-1 Interstate Freeway must be included, along with buffer areas and areas being used for landscaping and screening. The total amount of land to be covered by the SUP and CUP should be revised accordingly.

Since the area under the H-1 is owned by the State of Hawaii, documentation should be submitted from the landowner (responsible State agency) authorizing the submittal of the SUP and CUP applications.

In addition, the portion of the project within the H-1 Right-of-Way may be subject to environmental disclosure requirements of Chapter 343, Hawaii Revised Statutes. The additional information requested in this letter would assist the DPP in determining the applicability of Chapter 343.

6. The Master Application Forms (MAF) for the subject permit applications indicate that Belt Collins is both the agent and the applicant. However, your application materials also refer to Grace Pacific Corporation (GPC) as the entity submitting the above applications. If the applicant is GPC, then the MAFs should be revised to indicate that GPC is the applicant, and an authorized officer of GPC should sign the MAFs and indicate the person's capacity (i.e., president, vice-president, etc.).
7. All references to 73/SP-147 should be revised to SP73-147, which is the correct Land Use Commission docket number for the Special Use Permit. However, any references to the City's SUP file number should be revised to 72/SUP-1. We suggest that since processing of the SUP application begins at the City, the file number reference should primarily be File No. 72/SUP-1.
8. A complete copy of Tunnel Easement (Exhibit G) and/or related documents that indicate that GPC and/or Puu Makakilo, Inc. has the right of access over Easement 748 to construct, use, maintain and repair an underground tunnel ten (10) feet in diameter and conveyor equipment. We note that Exhibit G, which is only the first page of the easement, indicates that authorization was granted to Pacific Rock and Concrete Company, the former operator/owner of the quarry.

Mr. Lee Sichter
Belt Collins and Associates, Ltd.
June 1, 2007
Page 4

9. We note that you mentioned on Page 3-3 Administrative Amendment of Permits that identified changes will be "administratively" incorporated into the approval process. Please clarify the nature of these changes and what is the process of their identification and "administrative incorporation." Please note that there are at least two (2) activities that have no record of approval under the SUP, e.g., expansion of the active quarry area beyond the 72-acre limit and the recycling of construction debris.
10. Please describe the renaturalization process mentioned on Page 5-2 for the exposed areas of the golf course and the anticipated schedule for each process.
11. Semi-annual reports were required since approval of the SUP/CUP in 1973. Two (2) reports were included in the current land use applications. The DPP has no record of prior semi-annual reports. Please submit the reports for the preceding years for our files.

Finally, quarrying of materials is only authorized in the approved area. All quarrying and related activities in unauthorized areas must stop.

With respect to the CUP Major application, concurrent processing of the CUP Major application may proceed upon resubmittal and acceptance of the SUP application.

Therefore, we are returning the SUP and CUP Major applications and their respective application fees. If you have questions concerning this matter, please call Raymond Young of our staff at 768-8049.

Very truly yours,



fr Henry Eng, FAICP, Director
Department of Planning and Permitting

HE:lh
Doc: 533385

Enclosures

cc: James Campbell Co. LLC

1.6 Withdrawal of Prior Request for After- the-Fact-Approval

1.6 Withdrawal of Prior Request for After-the-Fact-Approval

Many of the questions raised in the June 1st DPP letter were based on Grace Pacific's request in its April 18th application for an After-the-Fact resolution of a discrepancy between the text of the 1973 application which described the quarry area as 72 acres, the supporting 1973 exhibits which reflect a quarry area of 93 acres, and the 2004 Revised Final Grading Plan which reflects a quarry area of 94 acres.

1.6.1 Land Use Commission delegated authority to DPP to modify the conditions of approval, March 1973.

At its meeting of February 28, 1973, the City Planning Commission voted to recommend approval of the special permit subject to the final approval of the Land Use Commission and further to obtain a Conditional Use Permit from the City. The recommendation was further conditioned by twelve conditions (the "Planning Commission Conditions") (see numbered page 6 of Exhibit B).

Planning Commission Conditions numbers 1, 2 and 9 are relevant to the Land Use Commission's delegation of authority to the Department of Planning and Permitting.

Condition 1: "The provisions set forth in the submitted application marked Exhibit "B" and on file with the Planning Department shall be complied with except as may be altered by any of the conditions stated hereunder."

Condition 2: "The applicant shall prepare and submit to the Planning Director for his review and approval a revised grading plan for the quarry area."

Condition 9: "Any modification to the conditions stated herein shall be subject to the approval of the City Council." (See numbered pages 6 and 7 of Exhibit B.)

On March 23, 1973, the staff of the Land Use Commission sent a memo to the Land Use Commission concurring with the City Planning Commission in recommending approval of the special permit, subject to the conditions imposed (see numbered page 8 of Exhibit B).

On March 27, 1973, Tatsuo Fujimoto, Executive Officer for the Land Use Commission wrote to Robert Robinson, President of Pacific Concrete & Rock, stating that "the original of the attached letter approving the special permit request by Pacific Concrete & Rock Co., to allow... rock quarrying operations on the southeastern slopes of Puu Makakilo... subject to the conditions stipulated by the City Planning Commission... is on file in the office of the Planning Commission..." (see page 1 of Exhibit B).

Subsequent to 1973, the authority granted to the City Council with respect to land use entitlements, including 72/CUP-15, was transferred to the Department of Planning & Permitting.

1.6.2 Text of 1973 application refers to 72 acre quarry area.

Pacific Concrete & Rock's application refers to "approximately 25 million tons of rock will be crushed from approximately 72 acres..." (see Exhibit U).

1.6.3 There is no map showing a 72 acre quarry area.

1.6.4 Pacific Concrete & Rock was required to file a Declaration of Restrictive Conditions with the Land Court.

Planning Commission Condition 11 states that: "The applicant shall file with the Bureau of Conveyances or the Assistant Registrar of the Land Court a declaration of the restrictive conditions stated herein." (See numbered page 8 of Exhibit B.)

1.6.5 Pacific Concrete & Rock filed Declaration of Conditions with Land Court, August 1973.

On August 31, 1973, Pacific Concrete filed a Declaration of Conditions with the Land Court (see Exhibit C-8).

1.6.6 Exhibit A to Declaration of Conditions reflects a Quarry Area of 92.3 acres.

See Exhibit "A" to Exhibit C-8 (Declaration of Conditions) depicting the grading plan prepared by Wolbrink and Associates for the quarry area and the protective zone limits (the "Wolbrink Grading Plan").

Belt Collins calculated the quarry area of the Wolbrink Grading Plan to be 92.8 acres, as outlined by green dashed line (see Figure 15).

Between 1973 and 1998 grading for the quarry occurred within the boundaries of this exhibit, except that certain areas closest to the freeway were not quarried and left in its natural state to allow the existing natural berm to provide visual mitigation of quarry activity for freeway users. In 1998, as explained in 1.6.10, a modification to the 1973 boundary for the quarry was requested maintaining the approximate acreage of the 1973 quarry area but realigning the boundary to eliminate quarrying near the freeway to reflect the actual quarry area, making up the difference in mauka areas and creating a straighter boundary at the mauka end of the quarry.

1.6.7 Pacific Concrete & Rock was required to present evidence of filing.

Planning Commission Condition 12 states that: "The applicant shall present to the Planning Department certified copies of the documents issued by the Bureau of Conveyances or the Assistant Registrar as evidence of recordation." (See numbered page 8 of Exhibit B.)

1.6.8 Pacific Concrete & Rock/Grace Pacific presented evidence of filing to the Planning Department, July 1975 and April 2007.

See Exhibits C-10 and C-11 for evidence of Pacific Concrete & Rock's (for Parcel 4) and Grace Pacific's (for Parcel 82) recordation and presentation to Planning Department.

1.6.9 Wolbrink Grading Plan was required to be revised and approved.

Planning Commission Condition 2 states that: “The applicant shall prepare and submit to the Planning Director for his review and approval a revised grading plan for the quarry area.” The City Planning Director rejected the Wolbrink Grading Plan’s final configuration of a large flat area near the freeway with narrow upper terraces (see numbered page 8 of Exhibit B).

1.6.10 Revised Grading Plan was submitted by Grace Pacific, July 1998.

In July of 1998, Grace Pacific submitted an Engineering Report prepared by Parametrix to DPP addressing restoration grading recommendations, a revised final grading plan (the “1998 Grading Plan”), storm drainage calculations, water quality compliance and revegetation recommendations (see Exhibit J).

The primary difference between the Wolbrink Grading Plan and the 1998 Grading Plan was that the active quarry moved mauka, the lower elevations moving from 250'/300' to 300'/350' and the upper elevations from 450'/500' to 500'/550'. It was deemed desirable to retain the natural berm along the H-1 Freeway for visual screening purposes, rather than daylighting the quarry pit to the elevation of the freeway.

1.6.11 Revised Grading Plan was approved by Planning Director, October 1998.

In October of 1998 DPP accepted the Engineering Report and approved the revised final grading plan as satisfying Planning Commission Condition 2 (see Exhibit C-1).

1.6.12 October 1998 Grading Plan reflects an area of 92.7 acres.

Belt Collins calculated the quarry area of the 1998 Grading Plan as 92.7 acres, as outlined by orange solid dashed line (see Figure 16).

1.6.13 Grace Pacific submitted revised Engineering Report, March 2004.

In March of 2004, Grace Pacific submitted a revised Engineering Report prepared by Belt Collins to DPP. The final grading plan, storm drainage calculations, and revegetation recommendations were revised, the restoration grading recommendations were unchanged, and the water quality compliance section was removed as it was not longer applicable (see Exhibit J).

1.6.14 Engineering Report was accepted as Minor Modification, April 2004.

In April of 2004, DPP accepted the revised Engineering Report as a minor modification to 72/CUP-15 (see Exhibit T for DPP letter to Belt Collins) (see Exhibit J,

Appendix B Grading Plan and Sections, for Grading Plan dated April 15, 2004 (the "2004 Grading Plan").

1.6.15 2004 Grading Plan reflects quarry area of 94.1 acres.

See Figure 15 for Belt Collins' calculation of 94.1 acres for quarry area (blue outline) as depicted on the 2004 Grading Plan. See also Photo F-8 for an overlay of the blue outline from Figure 15 onto aerial photo Photo F-3. The magenta line represents the 112.4 acre portion of Parcel 82 licensed from the James Campbell Company.

1.6.16 Withdrawal of prior request for After-the-Fact-Approval

It was Grace Pacific's understanding that in the case of a discrepancy between the text and exhibits of a Conditional or Special Use Permit, the text prevails. However, we understand after further review that in accordance with Condition No. 1, "The provisions set forth in the submitted application marked Exhibit "B" and on file with the Planning Department shall be complied with except as may be altered by any of the conditions stated hereunder." Since Condition No. 2 allows the Director to approve a revised grading plan, which the Director has done in approving a 94-acre quarry area grading plan in 2004 (and prior support for the 92.8 acre grading area under the Wolbrink Grading Plan area recognized in the 1973 Declaration and approval of the 92.7 acre grading plan in 1998), the provisions in the submitted application have been altered in accordance with the authority granted the Director in Condition No. 2. Hence the "approximately 72 acres" in the application no longer applies.

2 PRE APPLICATION MEETING, AFFIDAVIT, AND NEIGHBORHOOD BOARD PRESENTATION

2.1 Pre Application Meeting

2.2 Affidavit

2.3 MKNB Meetings

2.3.1 MKNB Meeting July

2.3.2 MKNB Meeting September

2.1 Pre-Application Meeting

File

DEPARTMENT OF PLANNING AND PERMITTING
CITY AND COUNTY OF HONOLULU

650 SOUTH KING STREET, 7TH FLOOR • HONOLULU, HAWAII 96813
TELEPHONE: (808) 523-4432 • FAX: (808) 527-6743
DEPT. INTERNET: www.honoluluapp.org • INTERNET: www.honolulu.gov



MUFI HANNEMANN
MAYOR

HENRY ENG, FAICP
DIRECTOR

DAVID K. TANOUÉ
DEPUTY DIRECTOR

2005/ELOG-2855 (JP)

March 7, 2006

Mr. Lee Sichter
Belt Collins Hawaii Ltd.
2153 North King Street, Suite 200
Honolulu, Hawaii 96819-4554

Dear Mr. Sichter:

Re: Conditional Use Permit No. 72/CUP-15
and Special Use Permit No. 73/SUP-147
Grace Pacific Corporation
91-920 Farrington Highway ("Makakilo Quarry") - Makakilo
Tax Map Key 9-1-16: 4 and 9-2-3: 82

This responds to your inquiry of December 5, 2005, concerning a proposal to relocate the designated excavation and buffer areas of the Makakilo Quarry, which is operating under the above conditional use permit (CUP) and special use permit (SUP). The specific proposal involves adding 35 acres of excavation area mauka of the existing 72-acre active quarry site, within an area that is currently designated as part of the buffer area for the quarry; and, designating the entire abutting [undeveloped] golf course site as additional buffer area. We have the following comments.

1. Major Modification: The proposal requires a major modification of the existing CUP for resource extraction. Pursuant to Land Use Ordinance (LUO) Section 21-2.100(b)(5), major modifications must be processed under applicable permit requirements; therefore, the proposal requires a CUP (Major) application. The application instructions for the CUP (Major) are enclosed for your reference. [Note: The CUP (No. 88/CUP1-18) for the abutting golf course will not need to be modified merely to have that land designated as part of the buffer area for the quarry, provided the quarry use will not in any way extend into or encroach onto the golf course.]

The site is in the State Land Use Agriculture District, and the proposal also requires a modification to the existing Special Use Permit (SUP) for the quarry. Since the proposal involves more than 15 acres, the SUP modification request must be approved by the State of Hawaii Land Use Commission (LUC). We will process the SUP application for a

Planning Commission hearing and recommendation in advance of LUC consideration. Application material for the SUP is also enclosed for your reference.

2. Concurrent Processing: Although the provisions of LUO Section 21-2.50, Multipermit Process, do not specifically address concurrent processing with an SUP, we apply these provisions to such applications. Therefore, you may submit both the CUP (Major) and SUP applications for processing at the same time. Since the SUP has the longest processing time, the timeline for CUP (Major) action may coincide with that of the SUP. We can consider completing action on the CUP (Major) prior to final decision making on the SUP request, provided you can obtain prior written confirmation from the LUC that this would be acceptable and/or preferable. Please note that the CUP (Major) application requires a separate administrative public hearing from the quasi-judicial hearings associated with the SUP request; and, these hearings cannot be combined.
3. Joint Development of Quarry and Golf Course Lots: The proposal to designate the abutting (mauka) golf course property as part of the buffer for the active quarry will require the approval of a CUP (Minor) for the joint development of the zoning lots involved (i.e., the quarry and golf course lots). The joint development CUP (Minor) application may also be processed concurrently with the CUP (Major) and SUP applications for the quarry modifications.
4. Minor Modification: As an interim option, you expressed interest in requesting a smaller, additional active quarry area of about seven (7) to eight (8) acres, to be considered as a minor modification application in advance of the applications for the major modification discussed above. A minor modification of the CUP for this addition may be considered administratively by the department. However, the SUP also requires a corresponding modification; and, unfortunately, the application for even a limited expansion of the active quarry area will require a hearing and decision making by the Planning Commission and final approval by the LUC because the original project was more than 15 acres. Therefore, there may be no real advantage to an application for an interim (minor) modification request.

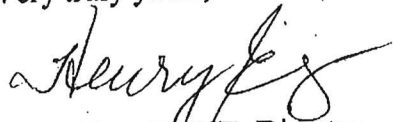
For processing purposes, the earlier meeting between you, representatives of Grace Pacific Corporation and department staff concerning the major modification proposal will be considered as having satisfied the pre-application meeting requirement prescribed under LUO Section 21-2.40-2(b)(1). Pursuant to LUO Section 21-2.40(b)(2), the applicant is required to make a presentation to the Makakilo/Kapolei/Honokai Hale Neighborhood Board No. 34, which represents the area where the project is located, prior to submission of the CUP (Major) application. Also, we recommend early notification and/or consultation with other interested parties within the affected community, such as surrounding property owners and elected

Mr. Lee Sichter
March 7, 2006
Page 3

representatives for the area (e.g., the councilmember for the district); and, other government agencies which may have an interest in reviewing the proposal. Please note the various application and processing requirements for a CUP (Major) enumerated by LUO Section 21-2.40-2(c), including public notification and posting of a "notice of pending permit" sign.

Thank you for your patience and cooperation during our preparation of this response. Please contact Jamie Peirson of our staff at 527-5754 if you have any questions.

Very truly yours,



Henry Eng, FAICP, Director
Department of Planning and Permitting

HE:nt

Enclosures

cc: Grace Pacific Corporation
State of Hawaii Land Use Commission
Planning Division

G:\LandUse\PosseWorkingDirectory\jpeirson\2005ELOG-2855 Response.doc


2.2 Affidavit

**NOTARIZED AFFIDAVIT OF MAILING OF
NOTICE TO ADJOINING PROPERTY OWNERS**

I, Glen Koyama, being first duly sworn on oath, deposes and says that:

1. Affiant is the agent for the applicant, Grace Pacific Corporation, for a Conditional Use Permit for land situated at Pu'u Makakilo, TMK: 9-2-3: 74 & 82, First Division.
2. Affiant did on September 16, 2006 deposit in the United States mail, postpaid, a copy of a notice of a presentation of the Makakilo Quarry project at the Makakilo/Kapolei/Honokai Hale Neighborhood Board, a copy of which is attached hereto as "Exhibit A" and made a part hereof, addressed to each of the persons identified in the listing of recorded owners and lessees identified as "Exhibit B," attached hereto and made a part hereof.
3. Affiant did on September 16, 2006 deposit also in the United States mail, postpaid, a copy of a notice of a presentation of the Makakilo Quarry project at the Makakilo/Kapolei/Honokai Hale Neighborhood Board, a copy of which is attached hereto as "Exhibit C" and made a part hereof, addressed to each of the persons identified in the listing of recorded owners and lessees identified as "Exhibit D," attached hereto and made a part hereof.

Further Affiant sayeth naught:



Subscribed and sworn to before me this
22nd day of December, 2006.





Notary Public, State of Hawaii
My commission expires: March 31, 2010

Exhibit A

NOTICE TO ADJACENT PROPERTY OWNERS

MAKAKILO QUARRY BOUNDARY ADJUSTMENT

Tax Map Key: 9-2-03: Portions of 74 and 82

Ewa, Oahu, Hawaii

THIS IS TO INFORM YOU that Grace Pacific Corporation intends to submit a Conditional Use Permit (CUP) Major Application and Special Use Permit (SUP) Application to the City and County of Honolulu Department of Planning and Permitting for the moving of the active portion of its rock quarry operations and the expansion of the quarry's buffer zone (the Project), located on the makai-facing slope of Puu Makakilo mauka of the H-1 Freeway in Honouliuli, Oahu (see attached map). A presentation of the proposed Project will be made to the Makakilo/Kapolei/Honokai Hale Neighborhood Board at its upcoming monthly meeting on September 27, 2006 at 7:00 p.m. in the Kapolei High School Cafetorium (91-5007 Kapolei Parkway). For further information, contact Bob Creps, Senior Vice President of Grace Pacific, at ph. 674-5201.

Grace Pacific Corporation
September 15, 2006

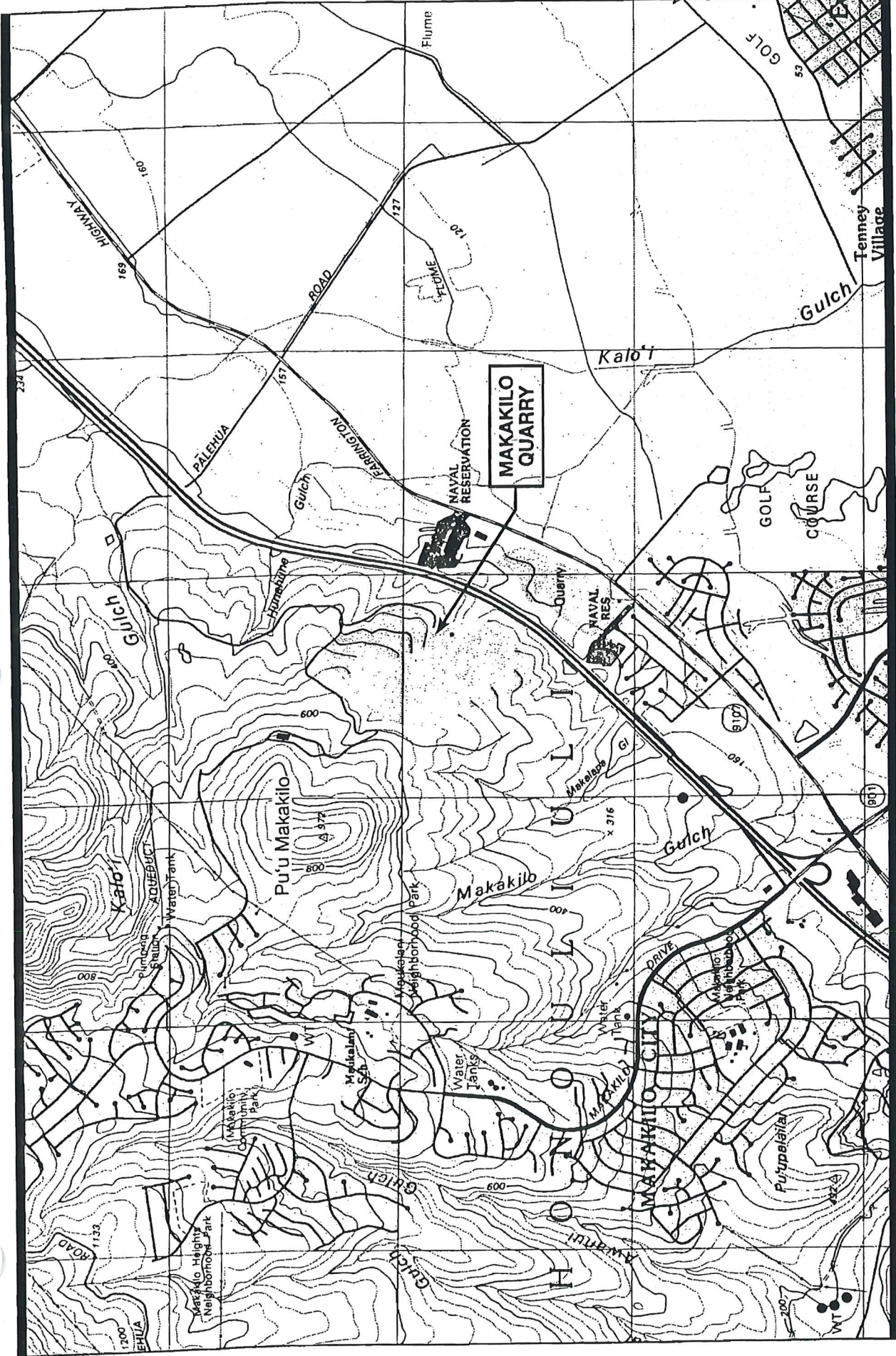
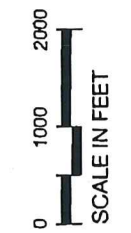


Figure 1
LOCATION MAP

Ewa, Oahu, Hawaii



Affidavit

Grace Pacific's Makakilo Quarry Operations

Introduction

Grace Pacific's existing Makakilo Quarry produces A-Grade aggregate for asphalt pavements and ready-mix concrete, and B-Grade aggregate for foundation and fill material. Makakilo Quarry has been in operations since the 1970s.

Grace Pacific's Proposed Project

Since Makakilo Quarry is currently running out of A-Grade rock in its quarry, Grace Pacific will be applying for a modification to its existing Conditional Use and Special Use Permits. Grace Pacific hopes to continue quarrying further mauka, and to more than double the size of its quarry buffer zone. Under this project, no other changes are requested, nor will there be an increase in the level or types of activities at the quarry.

Community Outreach

Grace Pacific is in the process of gathering community input before submitting its applications in October 2006. A public hearing on the project with a detailed presentation will be held later this year.

Anuheha Impacts

Located on the opposite side of Puu Makakilo, there will be no noticeable impacts on Anuheha residents - no vibration, noise, dust or visual impacts.

Contact Information

Please call Bob Creps, Grace Pacific's Senior Vice President, at 674-5201 if you have any questions or would like further information.

Mahalo.

Exhibit B

ANUHEA AT MAKAKILO
92-1260 PUEONANI ST
KAPOLEI, HI 96707

D R HORTON - SCHULER
92-6052 HOLOMOKU ST
KAPOLEI, HI 96707

MEINHOLD,MUIR S
92-6056 HOLOMOKU ST
KAPOLEI, HI 96707

CUSTODIO,JOSIE B
92-6060 HOLOMOKU ST
KAPOLEI, HI 96707

FAZIO,FRANCES A
FAZIO,SALVATORE J
92-6064 HOLOMOKU ST
KAPOLEI, HI 96707

SCHENCK,EDMUND J III
92-6068 HOLOMOKU ST
KAPOLEI, HI 96707

FARR,SUNDEE L
MCCLURE,LEONA L
92-6059 HOLOMOKU ST
KAPOLEI, HI 96707

GUTIERREZ,RACQUEL M
GUTIERREZ,RAYMOND J
GUTIERREZ,RICARDO V
92-6053 HOLOMOKU ST
KAPOLEI, HI 96707

MCPHETER,GREGORY M
92-6067 NEMO ST- 14
KAPOLEI, HI 96707

TORDA,LEYTON R
TORDA,LORI A L
92-6065 NEMO ST- 15
KAPOLEI, HI 96707

DELFIERRO,GEORGE C
DELFIERRO,GINA M
92-6061 NEMO ST- 16
KAPOLEI, HI 96707

PETTIBONE,MELINDA L
PETTIBONE,RODGER J
92-6059 NEMO ST- 17
KAPOLEI, HI 96707

CHENG,BYRON P
92-6057 NEMO ST- 18
KAPOLEI, HI 96707

COCKE,JUDITH A
92-6055 NEMO ST- 19
KAPOLEI, HI 96707

MYINT-WU,YEE Y
WU,RONNIE L
92-6053 NEMO ST- 20
KAPOLEI, HI 96707

SCHAFFER,KIT A
92-6049 NEMO ST- 21
KAPOLEI, HI 96707

JUNTUNEN,BRYAN G
92-6047 NEMO ST- 22
KAPOLEI, HI 96707

KAKAZU,MELVIN S
KAKAZU,MICHELLE M
92-6045 NEMO ST- 23
KAPOLEI, HI 96707

WILLIAMS,KIRBY
92-6043 NEMO ST- 24
KAPOLEI, HI 96707

NABONG,ALFREDO C
NABONG,MARIA F Y
92-6041 NEMO ST- 25
KAPOLEI, HI 96707

IGNACIO,DANILO C
92-6039 NEMO ST- 26
KAPOLEI, HI 96707

GRAYTON,EMILY L
GRAYTON,MEMNAR M
92-6035 NEMO ST- 27
KAPOLEI, HI 96707

CASTRO,EDGARDO M
CASTRO,JENNIFER M
92-6033 NEMO ST- 28
KAPOLEI, HI 96707

TURRELL,KEVIN J
TURRELL,STACY D
92-6031 NEMO ST- 29
KAPOLEI, HI 96707

PUNSALAN,AGAPITO D
PUNSALAN,ANNET M
92-6027 NEMO ST- 30
KAPOLEI, HI 96707

ABDELJAWAD,SAMER M A
HASAN,LENA
92-6023 NEMO ST- 31
KAPOLEI, HI 96707

APOSTOL,MAGDALENA R
92-6021 NEMO ST- 32
KAPOLEI, HI 96707

SARAMAH,JAD Y
ZIADDEH,BAHIA A
92-6019 NEMO ST- 33
KAPOLEI, HI 96707

HO,JENNY
HO,JOHN W
92-6015 NEMO ST- 34
KAPOLEI, HI 96707

HANSEN,RACHELLE G R
STONE,APRIL J
92-6011 NEMO ST- 35
KAPOLEI, HI 96707

CHU,HWASOON
CHU,YOUNG C
92-6009 NEMO ST- 36
KAPOLEI, HI 96707

LEIATO,CHRISTINE
LEIATO,TILOFAGA
92-6005 NEMO ST- 37
KAPOLEI, HI 96707

AIONA,CHARLES III
92-6034 NEMO ST- 38
KAPOLEI, HI 96707

TRAMMELL,JACK R
TRAMMELL,JESSICA J
92-6036 NEMO ST- 39
KAPOLEI, HI 96707

HURTADO,TERESA M
VAZQUEZ,RAYMOND
92-6038 NEMO ST- 40
KAPOLEI, HI 96707

TSO,FRANCES T T
TSO,KWONG YUEN
92-6040 NEMO ST- 41
KAPOLEI, HI 96707

GINES,KELLY A K L TR
GINES,KEN TRS
92-6042 NEMO ST- 42
KAPOLEI, HI 96707

CORREA,RAOUL A
DELARA,PATRICIA C
92-6044 NEMO ST- 43
KAPOLEI, HI 96707

RATHMAN,CYNTHIA A
RATHMAN,JOHN T
92-6046 NEMO ST- 44
KAPOLEI, HI 96707

UNPINGCO,CARISSA P
UNPINGCO,NOEL A
92-6048 NEMO ST- 45
KAPOLEI, HI 96707

AGBAYANI,HEIDI P
AGBAYANI,RODEL S
92-6050 NEMO ST- 46
KAPOLEI, HI 96707

GAMBOA,ANTHONY R
GAMBOA,JULIE R
92-6052 NEMO ST- 47
KAPOLEI, HI 96707

VICENTE,FILIFE B
VICENTE,MARLENE G
92-6054 NEMO ST- 48
KAPOLEI, HI 96707

SOLIS,JOAN B
SOLIS,MARK S
92-375 PALAULAU PL-
KAPOLEI, HI 96707

MORGAN,DONOVAN S K
MORGAN,LAOR M
92-371 PALAULAU PL-
KAPOLEI, HI 96707

JETER,COURTNEY G
92-367 PALAULAU PL
KAPOLEI, HI 96707

PAI,HENRY I L
TAI,IRENE H L
TAI,SZE-TSEN
92-363 PALAULAU PL-
KAPOLEI, HI 96707

RUIZ,LEODEGARIO C
RUIZ,NANCY S
92-355 PALAULAU PL-
KAPOLEI, HI 96707

HORMIGAS, IMELDA S
HORMIGAS, JOSE M
SARIBAY, ROLAN F
92-351 PALAULAU PL-
KAPOLEI, HI 96707

DEVROOM, JARED S
DEVROOM, MARIANELA C
92-343 PALAULAU PL-
KAPOLEI, HI 96707

KASEMAN, CHAD D
KASEMAN, LISA J
92-339 PALAULAU PL-
KAPOLEI, HI 96707

ZEHR, BRENDA F
ZEHR, MATTHW E
92-337 PALAULAU PL-
KAPOLEI, HI 96707

GUERRERO, CHARLES M
GUERRERO, FAY J
92-335 PALAULAU PL-
KAPOLEI, HI 96707

KANUHA, PATRICIA M
PAGADUAN, ERNEST E JR
92-333 PALAULAU PL-
KAPOLEI, HI 96707

COFER, MARK D
COFER, SHARON W
92-331 PALAULAU PL-
KAPOLEI, HI 96707

REID, BRANDI D
REID, JUSTIN S
92-329 PALAULAU PL-
KAPOLEI, HI 96707

ONO, SEIKO
VAN BODEGOM, RICHARD
92-325 PALAULAU PL-
KAPOLEI, HI 96707

JONES, CHARISSA S
JONES, ERNEST B
92-321 PALAULAU PL-
KAPOLEI, HI 96707

D R HORTON - SCHULER
92-319 PALAULAU PL-
KAPOLEI, HI 96707

ALIAN, ARMI M
ALIAN-REYES, VENI A
92-317 PALAULAU PL-
KAPOLEI, HI 96707

CRUZ, AMELITO J
CRUZ, LYDIA R
92-315 PALAULAU PL-
KAPOLEI, HI 96707

ENGFER, KASSANDRA H
ENGFER, MICHAEL J
92-309 PALAULAU PL-
KAPOLEI, HI 96707

ROBINOS, LILIA S
ROBINOS, RAY W
92-301 PALAULAU PL-
KAPOLEI, HI 96707

PUGEDA, JOCELYN P
PUGEDA, ROBERT B
92-302 PALAULAU PL-
KAPOLEI, HI 96707

GASMIN, MARIETTA C
92-308 PALAULAU PL-
KAPOLEI, HI 96707

ATENGCO, RONALDO T
ATENGCO, ROSELYN C
92-312 PALAULAU PL-
KAPOLEI, HI 96707

PETERS, NENTA R
92-316 PALAULAU PL-
KAPOLEI, HI 96707

BENSEN, BEVERLY J
BENSEN, MICHAEL S
92-318 PALAULAU PL-
KAPOLEI, HI 96707

PADUA, ARIEL M
PADUA, KAREN S
92-322 PALAULAU PL-
KAPOLEI, HI 96707

CHANG, CANDIS P
92-326 PALAULAU PL-
KAPOLEI, HI 96707

DELA CRUZ, ALEJANDRO
DELA CRUZ, FILOMENA C
92-330 PALAULAU PL-
KAPOLEI, HI 96707

CUSTODIO,BERT G
CUSTODIO,ROSENA S
92-332 PALAULAU PL-
KAPOLEI, HI 96707

LEHNER,JANICE S
LEHNER,RICHARD T
92-336 PALAULAU PL-
KAPOLEI, HI 96707

IMATANI,LEONARDO P
92-340 PALAULAU PL-
KAPOLEI, HI 96707

LEE,JOSEPH K
STEFFANI,ROGER D
92-342 PALAULAU PL-
KAPOLEI, HI 96707

SORIA,ANTONIETTA T
SORIA,JULIO C
92-346 PALAULAU PL-
KAPOLEI, HI 96707

DELA CRUZ,JEREMY S
DELA CRUZ,LEILANI J
92-350 PALAULAU PL-
KAPOLEI, HI 96707

CASTILLO,ANGELA L
CASTILLO,VENANCIO P
92-352 PALAULAU PL-
KAPOLEI, HI 96707

GEORGE,NELIA E
GEORGE,ROBERT A
92-356 PALAULAU PL-
KAPOLEI, HI 96707

HONDA,SCOTT A
92-358 PALAULAU PL-
KAPOLEI, HI 96707

NAKAMA,AKIRA
NAKAMA,REMEDIOS C
92-362 PALAULAU PL-
KAPOLEI, HI 96707

DONNELLY,JAMES P
92-366 PALAULAU PL-
KAPOLEI, HI 96707

KAM,JONATHAN W H
KAM,MARY V A
92-368 PALAULAU PL-
KAPOLEI, HI 96707

CUADRADO,DAVID K
CUADRADO,DENISE L
92-370 PALAULAU PL-
KAPOLEI, HI 96707

CLARKE,DEBRA M
CLARKE,RAYFORD K
92-374 PALAULAU PL-
KAPOLEI, HI 96707

WON,HYEJOO H J
WON,SUNG HUN
92-6064 NEMO ST- 91
KAPOLEI, HI 96707

LEE,IN SOON
LEE,STEWART W N
92-6068 NEMO ST- 92
KAPOLEI, HI 96707

LUCERO,FARANI N
POAI,AVIS K
92-6043 HOLOMOKU ST
KAPOLEI, HI 96707

BIROSEL,DAVID J
BIROSEL,DIANE N
92-6039 HOLOMOKU ST
KAPOLEI, HI 96707

STERLING,CHARLES M
92-6035 HOLOMOKU ST
KAPOLEI, HI 96707

KOLONA,JOLLE K K
KOLONA,SCOTT K J
92-6033 HOLOMOKU ST
KAPOLEI, HI 96707

JONES,ROBERT A
92-6029 HOLOMOKU ST
KAPOLEI, HI 96707

SALVATORE,GINA L
SALVATORE,PETER C
92-6025 HOLOMOKU ST
KAPOLEI, HI 96707

SAMANIEGO,ANDREA M G
SAMANIEGO,RAMON A JR
92-6019 HOLOMOKU ST
KAPOLEI, HI 96707

BOKSANSKI,PETER J
WHITEMAN,BERNADETTE
92-6015 HOLOMOKU ST
KAPOLEI, HI 96707

RAMOS,FELICITAS A
RAMOS,ROGELIO B R
92-6007 HOLOMOKU ST
KAPOLEI, HI 96707

HAMONT,ELAINE C
HOMONT,MICHAEL J
92-6003 HOLOMOKU ST
KAPOLEI, HI 96707

TEJADA,GINGER R
TEJADA,RICHARD M
92-6008 HOLOMOKU ST
KAPOLEI, HI 96707

CLEGG,KEVIN E
CLEGG,SPRING F
92-6012 HOLOMOKU ST
KAPOLEI, HI 96707

CLARK,MATTHEW J
THOMAS-CLARK,HEATHER
92-6016 HOLOMOKU ST
KAPOLEI, HI 96707

PAET,CLESSON K
PAET,GLORIA G M
PAET,RUBEN J
92-6018 HOLOMOKU ST
KAPOLEI, HI 96707

NEIDIG-HALE,ELIAS W
ABELLA,RUPERTO G
ABELLA,VERONICA R
92-6022 HOLOMOKU ST
KAPOLEI, HI 96707

ABELLA,RUPERTO G
ABELLA,VERONICA R
92-6026 HOLOMOKU ST
KAPOLEI, HI 96707

CONTEMPRATO,ELENA C
CONTEMPRATO,MARIO T
92-6028 HOLOMOKU ST
KAPOLEI, HI 96707

IBALE,RACHEL C
IBALE,ROGER P
92-6030 HOLOMOKU ST
KAPOLEI, HI 96707

ANDRES,MICHAEL B
COMIA,NORMA-IVES V
92-6032 HOLOMOKU ST
KAPOLEI, HI 96707

BRADLEY,SOMMER L K
CORTIJO,VICTOR M
92-6036 HOLOMOKU ST
KAPOLEI, HI 96707

HENDERSON,JENNIFER G
HENDERSON,LANDON L
92-6038 HOLOMOKU ST
KAPOLEI, HI 96707

WALZ,BETH
WALZ,GLENN T
92-6042 HOLOMOKU ST
KAPOLEI, HI 96707

WILSON,RICHARD E
92-6046 HOLOMOKU ST
KAPOLEI, HI 96707

D R HORTON - SCHULER
92-300 HOOKILI PL
KAPOLEI, HI 96707

Exhibit C

NOTICE TO ADJACENT PROPERTY OWNERS

MAKAKILO QUARRY BOUNDARY ADJUSTMENT

Tax Map Key: 9-2-03: Portions of 74 and 82

Ewa, Oahu, Hawaii

THIS IS TO INFORM YOU that Grace Pacific Corporation intends to submit a Conditional Use Permit (CUP) Major Application and Special Use Permit (SUP) Application to the City and County of Honolulu Department of Planning and Permitting for the moving of the active portion of its rock quarry operations and the expansion of the quarry's buffer zone (the Project), located on the makai-facing slope of Puu Makakilo mauka of the H-1 Freeway in Honouliuli, Oahu (see attached map). A presentation of the proposed Project will be made to the Makakilo/Kapolei/Honokai Hale Neighborhood Board at its upcoming monthly meeting on September 27, 2006 at 7:00 p.m. in the Kapolei High School Cafetorium (91-5007 Kapolei Parkway). For further information, contact Bob Creps, Senior Vice President of Grace Pacific, at ph. 674-5201.

Grace Pacific Corporation
September 15, 2006

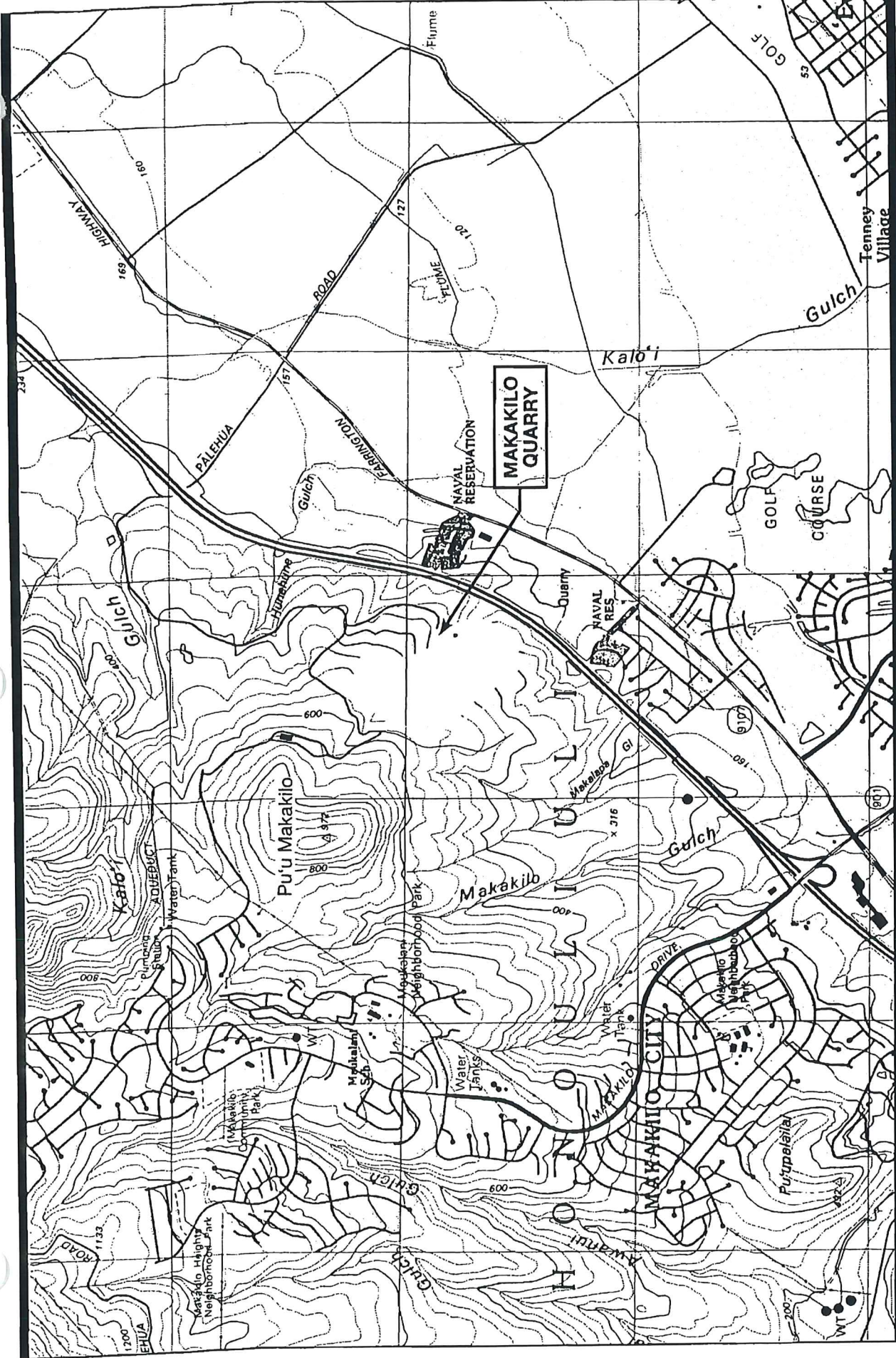


Figure 1
LOCATION MAP

Ewa, Oahu, Hawaii



0 1000 2000
SCALE IN FEET

Affidavit

Exhibit D

CASTLE AND COOKE HOMES
PO BOX 898900
MILILANI, HI 96789

FINANCE HOLDINGS LTD.
PO BOX 3979
HONOLULU, HI 96812

MR. MIKE JONES
D.R. HORTON-SCHULER HOMES LLC
828 FORT STREET MALL, 4TH FLOOR
HONOLULU, HI 96813

MR. BERT HATTON
JAMES CAMPBELL TRUST ESTATE
1001 KAMOKILA BOULEVARD
KAPOLEI, HI 96707

2.3 MKNB Meetings

2.3.1 MKNB Presentation July



MAKAKILO/ KAPOLEI/ HONOKAI HALE NEIGHBORHOOD BOARD NO. 34

c/o NEIGHBORHOOD COMMISSION • 530 SOUTH KING STREET ROOM 400 • HONOLULU, HAWAII, 96813
PHONE (808) 527-5749 • FAX (808) 527-5760 • INTERNET: <http://www.honolulu.gov>

**REGULAR MEETING MINUTES
WEDNESDAY, JULY 26, 2006
KAPOLEI HIGH SCHOOL CAFETORIUM**

CALL TO ORDER: Chair Maeda Timson called the meeting to order at 7:05 p.m. with a quorum present.

MEMBERS PRESENT: Brent Buckley, Kioni Dudley, Michael Golojuch, Shad Kane, Jane Ross, Maeda Timson, George Yamamoto, Linda Young.

MEMBERS ABSENT: Martha Makaiwi.

GUESTS: Captain Mike Phillips (Honolulu Fire Department), Mike Freitas, Councilmember Todd Apo, Carolyn Golojuch, Glen Koyama, Mike Wilcox, Russ Nayod, Larry Sumida, Lee Sichter, Grant Murakami, John Ridings, Frank Brandt, Obed Donlin, Jo Jordan, Janet Kelly, Wendy Sefo, Bob Creps, Jay Obrey, Lolita Takeda, George Kuo, Rod Ohira, Lydia Bliss, Robert Fong, Representative Michael Kahikina, Lori Lum, Lyndon Williams, Michele Golojuch, Michael Golojuch Jr., Frank Genadio, Lt. Farrel Sojot (Honolulu Police Department), Cynthia Rezentes, Craig Nishida, Kuulei Jolonino, Henry Eng (Mayor's representative – Director, Department of Planning and Permitting); Donna Goth, Steve Kelly, Theresa McMurdo (Campbell Estate); Grant Murakami, Dr. Gene Awakuni, John Hara, Vi Verawudh (UH-West Oahu); Micah Kane, Chairman, Department of Hawaiian Homes Land; Elwin Spray (Neighborhood Commission Office staff).

BOARD MEMBERS ROLL CALL: Eight Board members were present (Buckley, Dudley, Golojuch, Kane, Ross, Timson, Yamamoto, Young).

MONTHLY REPORTS, PART I:

Honolulu Police Department (HPD) – Lt. Sojot reported crime statistic comparisons for the general Makakilo/Kapolei/Honokai Hale neighborhood board area for June and May 2006 (format: June/May) – 2/2 robbery, 26/23 burglaries, 45/43 thefts, 26/22 auto thefts, 33/50 thefts from vehicles (UEMVs), 26/29 thefts from persons, 2/1 identity (ID) thefts, 91/73 motor vehicle collisions (MVCs), 2/2 driving under the influence (DUIs), 29/27 criminal property damages (CPDs), 3/5 drugs. There were 357/332 adult arrests, 93/147 juvenile arrests, and 450/479 total arrests. He also reported the Crime Tip of the Month:

News laws were passed regarding arson as follows:

1. Arson in the first degree (Class A felony or \$20,000 damages)
2. Arson in the second degree (Class B felony or \$1,500 damages)
3. Arson in the third degree (Class C felony or \$500 damages), and
4. Arson in the fourth degree (misdemeanor).

HPD hopes that these new laws will help in deterring arson crimes. If you have any information regarding a recently set fire, please call HPD arson investigators at 529-3115 and the HFD investigators at 488-7955. Senate Bill 2941 permits the courts to assess the defendant for the cost of fighting a fire. The law will also make parents/guardians liable for the cost of extinguishing the fire based upon the percentage of damage done by the minor.

Additional information was shared that plain-clothes officers are investigating several burglaries in the Knolls area, that a major beach beautification project will be undertaken in Pokai Bay on August 5, and that the HPD will revert to a 5-day workweek on August 13.



Kane inquired about the recent Roosevelt (and Baker Street) fatal accident, with Sojot responding that he could not comment because juveniles were involved. Chair Timson reported that the vehicle had gone through a chain link fence, with the rammed-down fence now being replaced with concrete barriers. Golojuch noted the ending of HPD's trial "3-day a week" shift, commenting that it had been a good experiment. C. Golojuch reported on having made three 911 calls before obtaining a HPD response, stating that she understood the prioritizing process of responses, but asking if more officers should be requested by the community. Sojot reported that HPD District commander Major Tamashiro had been here at a past meeting and had then reported that changes were occurring at the end of the month and that 6 new officers were being assigned to the district. He apologized for the delay in response and explained that the sending of officers is performed by HPD dispatch. Chair Timson thanked Sojot and asked for the audience and members to observe a moment of silence in remembrance of those whose lives were lost in the Kalaeloa accident.

Honolulu Fire Department (HFD) – Captain Mike Phillips, of the Makakilo Station, reported three structure fires, five brush fires, six rubbish fires, two vehicle fires, 32 medical emergencies, one search-and-rescue call and four miscellaneous calls. He reported no major events and no unusual situations. As a fire safety tip, Phillips reminded everyone that schools were resuming classes today, with more kids being out running around in perhaps higher concentrations and in different locations, recommending that even more care be exercised than normal.

Mayor's Representative – Henry Eng, Director of the Department of Planning and Permitting, represented Mayor Hannemann and distributed copies of the Mayor's community report for July 2006. Eng reported on the following issues:

1. Members had been appointed to the Multi-Track Benefits Program Committees (Waimanalo Landfill), with the note that residents from Makakilo and Honokai Hale were included.
2. Continuing shortage of asphalt has resulted in delays of completion for several community roadway projects, as well as delaying a few starts, with current supplies priorities to go to emergency repairs, explaining that the shortage was expect to lessen in the next few months.
3. Construction waste has been inspected at the skateway park site, adding that the soil had been tested as part of the planning and design process.
4. Schuler Homes has discussed the construction of a total of 450 additional homes in the Makakilo area, with 180 units approved as part of the current plans submittal.
5. The completions of the Kapolei freeway interchange segments, as well as the extention of the Kamolika Parkway (which would be in conflict with a possible Cosco location) are intended to be completed as early as 2008.

Eng also invited the community to participate in an upcoming workshop entitled "2050 Sustainability" on August 26, 2006, in a community-wide beach cleanup at Pokai Bay on August 5, 2006, and announced a meeting on the future of the Waimanalo Landfill on August 10, 2006.

Chair Timson noted that representatives of Campbell Estate were present and could make a short presentation on the just-announced traffic plans for the freeway interchange. **Chair Timson asked if members would object to the adding of a "traffic presentation by Campbell Estate" to the evening's agenda; without objections, Chair Timson declared the item was added to the agenda to follow public agencies' presentations, 8-0-0.**

Kane inquired about the status of the hula mound completion, as well as that of the stakeboard park and the Kapolei Park in general, and asked if there could be a report by Eng at the August 2006 meeting. Buckley expressed concern that the Kapolei Park parking lot was reported in the minutes as needing permission from Campbell Estate for the start of construction; Eng said that the referenced need for permission was not correct. Buckley continued that the Board had previously voted that the number 1 priority for the Board and the community was the parking lot, not the hula mound. Eng said that the

permit was not yet issued, but that it's on the move. Buckley stressed that although the parts of the project have been delayed, the parking lot is the priority. Apo reported that the Council had always asked for both projects -- the hula mound and the parking lot -- and that Council had always been told that both (including skate board) were funded so that all Park projects should be on track. Dudley asked about the recently approved 180 unit Schuler housing project above St. Jude's Church and expressed concern about new units increasing traffic congestion on Kapolei Parkway; Eng said he would look at the general housing and traffic issue and would report progress or change. Dudley also asked about St. Jude's parking lot driveway, saying that the church had proposed extending into the subdivision's roadway, but that the request had been turned down. He also asked if parking could be banned on Makakilo Parkway below Ala Hoi Road intersection where the current parked vehicles impede traffic as the lanes are reduced from 2 lanes to one lane.

Golojuch submitted written community traffic concerns, primarily making a request for status reports on current Kapolei Parkway projects, and, as the several Parkway projects (listed below) had been given high priority, why (and from where) are the Makakilo Drive widening improvements now being proposed (as these projects are not part of the planning or funding through the Oahu Metropolitan Planning Organization's Transit Improvement Projects -- OMPO TIP -- nor the Oahu Regional Transportation Plan -- ORTP). Traffic projects (generally tied to Kapolei Parkway area) requested for status reports:

- 1) Kamolika extension between Roosevelt Road and Kapolei Parkway
- 2) Kapolei Parkway between Ewa Villages and North-South Road
- 3) Kamaaha Avenue and Manawai Street
- 4) Makakilo Interchange upgrades
- 5) Makakilo Drive second access

He also asked for an explanation of why was Makakilo left out of community benefits package being designed for those communities impacted by the Waimanalo Gulch dump. Eng reported that community residents were part of the committee reviewing the benefit proposals; Chair Timson asked that if Eng had the list of the appointees with him at this evening's meeting for them to be provided later. C. Golojuch asked about the energy efficiency of the units in the planned Schuler development and suggested that Eng require energy efficiency in housing projects as part of the permit process. Chair Timson asked for a projection of housing projects (and units) over the next several years.

Roadway Report -- Kapolei Property Development (KPD): Chair Timson introduced Donna Goth, President of Kapolei Property Development LLC, an affiliate of the James Campbell Company, who reviewed plans that had just been announced at a press conference on transit items; especially reporting plans for the construction of a one-mile extension of Kapolei Parkway between Fort Barrette Road and Kamokila Boulevard, as well as a Kama'aha Avenue and Manawai Street extension project (near Kapolei Shopping Center). KPD pledged \$15 million to fast track Kapolei Parkway and a total of \$25.9 million was committed on current Kapolei road projects. Other projects reported on included interchange stacking lanes, Kamokila Boulevard extension, and off-ramp and on-ramp alterations (with a November 2006 groundbreaking). Goth explained that the KPD/Campbell financial participation will allow for a rapid construction completion schedule. Golojuch noted that the Board had previously taken positions favoring transit projects, especially that for the 300-foot extension of Roosevelt Boulevard which would enable an alternative to the Kapolei Shopping Center gridlock, but that almost all projects had been bogged down with many delays; Goth said that most of these project designs would be completed this year and construction was intended to be finished in 2008. Golojuch asked if that included the environmental study for the Schuler Homes area as well as the Makakilo offramp at the storage area; Goth said yes, both were included. Yamamoto expressed thanks for the assistance to the community. Dudley also expressed appreciation and asked about Makakilo Drive alterations; Goth explained that the intersection alterations could not be done on the Diamond Head side (due to utility locations) but the other side could be moved, with the stacking lane to be lengthened and two right and two left turn lanes. Dudley pointed out that the problem is in the Kapolei Parkway area going to the HPD station. An audience comment was that Ft. Barrette traffic is to be funneled into the HPD station area. Ridings commented that an

additional choke point was from Ft. Barrette at Farrington Highway; Goth pointed out that the State has plans to widen Farrington, as well as the relief from the North-South Road. Chair Timson thanked Goth for the presentation and reminded the audience that the room needed to be vacated no later than 9:45 p.m. in order to allow the custodians to close up.

Councilmember Todd Apo – Apo reiterated his earlier comments, stressing that he had budgeted items for the completion of the Kapolei Park, that the directors had heard that the items were important, and recommended that the Board should reiterate their high prioritization of the project. **Chair Timson noted that the Board would send out another letter supporting completion of the Kapolei Park, if there were no objections. No objections were voiced.** Apo reported planning for affordable housing options and successful reduction of real estate taxes – a \$200 lowering as well as the adoption of a lower rate. Chair Timson noted that the Board's Park priorities were for parking, the hula mound and the skate park.

Board of Water Supply – George Kuo represented the BWS and reported no main breaks for June 2006, that the annual Halawa xeriscape weekend would be August 5, that the annual water quality report would soon be sent out (with a billing statement), and that the rate increase would be shown on the July 15 to September billing. Jolonino thanked the BWS for moving construction pipes from the Honokai Hale area.

Councilmember Nestor Garcia – No representative was present, however, a written report was distributed.

Chair Timson reminded the audience that the room needed to be vacated no later than 9:45 p.m.

PRESENTATION

Grace Pacific – Bob Creps, Senior Vice President for Grace Pacific presented an update on quarry operations, explaining the future plans to continue quarrying away from the freeway going mauka. He explained that crushed rocks with different densities are used, and that the continual demand for certain types has them making plans to apply for modifications to the current Conditional Use Permit and Special Use Permits, which will expand the project lines mauka, but continuing to be within the land owned by Grace Pacific and continuing to be out of the public view plane. The future submittal will be to increase the buffer zone for operations. Creps noted that the Council has said that the quarry does not fit the criteria for a future landfill and that the quarry will be renaturalized before its end use is determined. Creps welcomed comments to himself (674-5201) and Jay Obrey (441-0602).

Kane asked about the renaturalized plan, which Creps said was to be grass on a 2% slope. Ross, Young and Golojuch noted past problems with dust but agreed that Grace Pacific has been hard at work with the adjacent community associations in mitigation measures, with Creps committing to continue to work with neighbors. Buckley asked about the length of the quarry operation, which was projected to be twenty years and with the buffer defined as intending to keep people away, as well as separating people from noise, blasting and trucking. Dudley asked about land ownership and end use, with Creps reporting that ownership was with Grace Pacific and that no plans were made yet for the ultimate end use. Bliss said that she was a neighbor who takes long walks at night and is concerned about 24-hour operations; Young noted alterations of truck operations as an example of company attempts to improve neighborhood, with Chair Timson asking for Bliss to talk directly with Creps. Chair Timson reminded the audience that the room needed to be vacated no later than 9:45 p.m. C. Golojuch asked about prior concerns; Creps noted that smaller blasts are now done, lowering air concussion, and repeated his phone numbers, including Obrey at 306-7994. Chair Timson noted no action was requested at this time but that Grace Pacific is an active participant in the community and offered thanks for the corporate support at the weekend's Farm Fair. Chair Timson reminded the audience that the room needed to be vacated no later than 9:45 p.m.

University of Hawaii West Oahu Proposed Plan Review Use and Zone Change Application – Grant Murakami and UH-West Oahu Chancellor Gene Awakuni reviewed a proposed Plan Review Use and Zone Change Application for University of Hawaii West Oahu. Awakuni explained that the 500-acre (makai) and 991-acre (mauka) properties were to be developed first on the makai side of the freeway, with the 500 acres being developed through release of 287 acres to pay for the improvements to the 214-acre UH-West Oahu site. The core university teaching area would be surrounded by housing and support areas, including an elementary school. The 500-acre parcel is being planned as single concept Campus Master Plan to accommodate 7,600 students, although the initial campus (Phase 1 – 111 acres) will be for 1,520 students. Phase 1, with 454 housing units, is being projected for completion in fall of 2009. Funding for infrastructure planning was being assisted through the Department of Hawaiian Homes Land. Awakuni introduced Chairman Kane of the Department of Hawaiian Home Lands, who added, in answer to Golojuch's question, that the project planners have been working with the City's Eng.

Buckley endorsed the new concept of student housing to what was previously conceived as a commuter campus, stressing the need to mix students to improve the learning process and called attention to the need for faculty housing; Awakuni agreed and pointed out that the accommodation concept plan included staff as well. Yamamoto asked about curriculum intent, with Awakuni noting plans for both upper and lower division baccalaureates, including possible BAs in food service, early childhood education, social work and computer. Chair Timson reminded the audience that the room needed to be vacated no later than 9:45 p.m. Yamamoto also asked about parking, with Awakuni saying that there would be enough parking. Dudley asked for the comparison with the Manoa campus, which was set at 320 acres, which, excluding the East-West Center, the Quarry, and Lab School, leaves a core campus of 150 acres. Dudley also pointed to the need for athletic sites, which Awakuni said would still be accommodated, with Dudley stressing the need to plan for the need for 75 years hence and for the need to have a green space. Chair Timson reminded the audience that the room needed to be vacated no later than 9:45 p.m. An audience member stressed the need for parking, with Awakuni again saying that the planning has enough parking. C. Golojuch noted that the State House of Representatives was unable to fund the UH West Oahu, congratulated the designers of the concept and asked what the community could do to support the project, asking for web site posting so that supporters can assist. M. Golojuch noted need for additional levels of education. Chair Timson thanked Awakuni, M. Kane and the others for the presentation and asked what UH was seeking from the Board, with Awakuni explaining that the issue was not directly before the Neighborhood Board but others. **Golojuch moved and Young seconded that the that the Makakilo/Kapolei/Honokai Hale Neighborhood Board No. 34 support the University of Hawaii West Oahu Makai Campus Conceptual Use Plan and request UH West Oahu continue to communicate its planning to the Neighborhood Board. The vote passed, 8-0-0. Aye:** Buckley, Dudley, Gojoluch, Kane, Ross, Timson, Yamamoto, Young. **Chair Timson reported the motion passed and that she would write a letter to the University.** Chair Timson reminded the audience that the room needed to be vacated no later than 9:45 p.m. Chair Timson also invited Hawaiian Homes Land to attend the September meeting to report on progress.

APPROVAL OF MINUTES – JANUARY 25, 2006 – Chair Timson asked for a motion on the Regular Meeting Minutes of January 25, 2006. **Golojuch moved and Young seconded for approval of the Makakilo/Kapolei/Honokai Hale Neighborhood Board No. 34 Regular Meeting Minutes of January 25, 2006. The vote passed, 7-0-1. Aye:** Buckley, Gojoluch, Kane, Ross, Timson, Yamamoto, Young. **Abstain:** Dudley.

APPROVAL OF MINUTES – MARCH 2, 2006 – Chair Timson asked for a motion on the Regular Meeting Minutes of March 2, 2006. **Young moved and Golojuch seconded for approval of the Makakilo/Kapolei/Honokai Hale Neighborhood Board No. 34 Regular Meeting Minutes of March 2, 2006. The vote passed, 7-0-1. Aye:** Buckley, Gojoluch, Kane, Ross, Timson, Yamamoto, Young. **Abstain:** Dudley.

APPROVAL OF MINUTES – MARCH 22, 2006 – Chair Timson asked for a motion on the Regular Meeting Minutes of March 22, 2006. **Young moved and Golojuch seconded for approval of the Makakilo/Kapolei/Honokai Hale Neighborhood Board No. 34 Regular Meeting Minutes of March 22, 2006. The vote passed, 7-0-1. Aye:** Buckley, Gojoluch, Kane, Ross, Timson, Yamamoto, Young. **Abstain:** Dudley.

APPROVAL OF MINUTES – APRIL 26, 2006 – Chair Timson asked for a motion on the Regular Meeting Minutes of April 26, 2006. Clarifications were noted for the BWS and are attached to the April 2006 Minutes. **Young moved and Ross seconded for approval of the Makakilo/Kapolei/Honokai Hale Neighborhood Board No. 34 Regular Meeting Minutes of April 26, 2006. The vote passed, 7-0-1. Aye:** Buckley, Gojoluch, Kane, Ross, Timson, Yamamoto, Young. **Abstain:** Dudley.

APPROVAL OF MINUTES – MAY 24, 2006 – Chair Timson asked for a motion on the Regular Meeting Minutes of May 24, 2006. **Young moved and Ross seconded for approval of the Makakilo/Kapolei/Honokai Hale Neighborhood Board No. 34 Regular Meeting Minutes of May 24, 2006. The vote passed, 7-0-1. Aye:** Buckley, Gojoluch, Kane, Ross, Timson, Yamamoto, Young. **Abstain:** Dudley.

APPROVAL OF MINUTES – JUNE 28, 2006 – Chair Timson asked for a motion on the Regular Meeting Minutes of June 28, 2006. A correction to page 11 was noted, correcting #40 to read that "Buckley related that there were 17 issues brought up by the community." **Young moved and Ross seconded for approval of the Makakilo/Kapolei/Honokai Hale Neighborhood Board No. 34 Regular Meeting Minutes of June 28, 2006 as corrected. The vote passed, 7-0-1. Aye:** Buckley, Gojoluch, Kane, Ross, Timson, Yamamoto, Young. **Abstain:** Dudley.

BOARD'S REPORT

Chair's Report – Chair Timson presented a letter from Wal-Mart (faxed July 26, 2006), with a copy distributed to members, which reports that Wal-Mart does not currently have the answers to many of the questions posed at the June 28, 2006 meeting. The letter comments on traffic issues and informs that "Wal-Mart is continuing to consider its options" ... "and will continue to keep the Neighborhood Board informed in a timely manner as decisions are made and planning progresses." Chair Timson noted police are concerned about traffic speeding on Roosevelt Avenue in Kalaeloa.

Treasurer's Report – Buckley reported that the Board had \$1017.66 left in the Board's account at the end of the June 30, 2006 fiscal year, as well as \$120 in the refreshment account. Dudley commented that the Board should be considering video taping, with Chair Timson explaining that the cost of taping every monthly meeting could not be met by that amount. Dudley reported that at the recent Commission meeting which he had attended he had been told that the Board could combine its different funds in order to do videotaping. Chair Timson referred to the amounts just reported and explained that there still was not sufficient funds for monthly videotaping and that she had not yet received any letter from the Commission providing more funds.

Committee Reports – Golojuch distributed copies of the long range planning document for Oahu's transportation projects, noting that transit projects are planned, prioritized and committed to decades in advance and stressed the need for Board Members to be actively involved in transportation committees.

BOARD/COMMUNITY ANNOUNCEMENTS:

1. Golojuch noted that a taping had been done of portions of last month's meeting and that it had been showing on the 'Olelo channel.

2. Dudley suggested a resolution of thanks to Board Member Makaiwi for her service to the Honokai Hale community, perhaps to be accompanied by flowers. Ross explained that Makaiwi had been in the hospital, was currently in therapy, and the expression of good wishes would be conveyed. Dudley discussed the appropriateness of a motion considering that three meetings had been missed and the seat was considered vacated. Chair Timson noted that three meetings per year had not been missed. Young also noted that three meetings had not been missed and that the words "can or may" are in the appropriate place in the rules (Neighborhood Plan).
3. Dudley inquired about the status of Board committees. Chair Timson stated that the Board would go back to the "Committee of the Whole" since for an entire year, after numerous requests, committee chairs did not have a single meeting, except for Mike Golojuch. Dudley said he would be Chair of planning and Zoning; Chair Timson invited Dudley to work with Golojuch instead.
4. An audience question asked about the boundaries of the Board, with Chair Timson explaining that the current boundaries are the same as the 96707 zip code, adding that if more population increases the communities, the Board could consider split – which it had done before – or it could add members.
5. Dudley noted that 25 minutes more remained and asked that the Board take action on a complaint. Chair Timson reported that the Board has a 30 day window to respond to the complaint but that there are issues yet to be resolved from the Commission before the Board can consider taking a vote, including unresolved anger management and required classes.

ADJOURNMENT: Ross moved and Golojuch seconded to adjourn. With no objection, Chair Timson adjourned the meeting at 9:25 p.m., 8-0-0. Aye: (Buckley, Dudley, Golojuch, Kane, Ross, Timson, Yamamoto, Young).

Submitted by Elwin Spray, Neighborhood Commission Office staff.

Makakilo/Kapolei/Honokai Hale Neighborhood Board (NB) Meeting

Date: July 26, 2006
Place: Kapolei High School Cafetorium
Time: 7:00 p.m.
NB Attendance: Chair Maeda Timson (MT), Jane Ross (JR), Shad Kane (SK), Linda Young (LY), Michael Golojuch (MG), Brent Buckley (BB), George Yamamoto (GY), and Kioni Dudley (KD)

Presentation: Makakilo Quarry Expansion Plan by Grace Pacific Corporation

Bob Creps of Grace Pacific Corporation presented an eight-minute *Powerpoint* slide show detailing the proposed expansion of quarry operations at Makakilo Quarry. He explained to the board that the proposed expansion will require an amendment to its existing Conditional Use Permit and Special Use Permit for the quarry.

NB Members Questions/Concerns:

- SK - What is Grace Pacific's plan for filling back the quarry? Grace Pacific responded by indicating that a closure plan has been approved by the City: the quarry floor would be smoothed out and the walls and terraces would be reworked to provide a more natural look to match the surrounding landscape.
- JR - Dust control, which has been a problem, should be the number one priority for the quarry operation. Previously, the H-1 freeway used to be blanketed with dust, but that hasn't happened lately. Creps stated that controlling dust is a priority for Grace Pacific.
- LY - Appreciates what Grace has been doing to keep the community informed and to respond to community concerns. (LY also serves as the president of the Malanai Iki Townhomes Association.)
- MG - Confirmed that Grace Pacific has previously met with the Palehua Community Association.
- BB - What is the timeframe for the expansion work? Creps indicated that the A-Grade rock has less than a year left and the lower-grade rock has several years (10-years) left.
- BB - What is meant by buffer area; is there a fence on the perimeter? Creps indicated that the buffer area is a natural open space around the quarry intended to keep the activities in the quarry from impacting the surrounding properties. There is no fence along the perimeter of the buffer area.
- KD - Does Grace Pacific own the quarry area? Creps indicated yes.
- KD - Is it true there are no homes in the buffer area? Creps confirmed that there are no homes in the buffer area.

KD - Dudley inquired about the end use of the quarry and Creps indicated that Grace Pacific has considered options but is currently planning to renaturalize the quarry before its end use is ultimately determined.

KD - How is the quarry to be renaturalized? Is it possible to make it into a garden park (like Bucharth Gardens)? Creps explained that the walls of the quarry will be sloped enough to place soil on the benches and then vegetated.

Public Questions/Concerns:

Lydia Bliss: I have been living across from the quarry for a month and a half. I'm disturbed by the noise from the processing plant.

Creps asked for her contact information and stated that Grace Pacific would be happy to meet with her personally to see what can be done. LY stated that the last complaint she is aware of occurred two and a half years ago. She noted that Grace Pacific has worked with the community on noise problems including the use of quieter reverse signals on quarry vehicles.

Board Chair Timson suggested that the individual work directly with Grace Pacific on the problem because it may be an isolated case.

Carolyn
Golouch:

Is the quarry going deeper? Blasting in the quarry is noticeable.

Grace Pacific indicated that it will not go deeper. The top-grade rock deposits are in the walls of the quarry or laterally across the site. Grace Pacific has trimmed back on the number of blasting in the excavation area and has used quieter charges. Grace Pacific also indicated that it has not received complaints about blasting for several years.

Chair Timson concluded the agenda item by thanking Grace Pacific for its continuing support of the community.

Prepared by:
Belt Collins Hawaii
August 3, 2006
November 21, 2006 (rev.)

2.3.2 MKNB Meeting September


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MAKAKILO / KAPOLEI / HONOKAI HALE NEIGHBORHOOD BOARD

REGULAR MEETING MINUTES WEDNESDAY, SEPTEMBER 27, 2006 KAPOLEI HIGH SCHOOL CAFETORIUM

CALL TO ORDER: Chair Maeda Timson called the meeting to order at 7:02 p.m. with a quorum present.

MEMBERS PRESENT: Brent Buckley, Kioni Dudley, Michael Golojuch, Shad Kane, Jane Ross, Maeda Timson, George Yamamoto.

MEMBERS ABSENT: Linda Young.

GUESTS: Jamie Freitas, Charles Freitas, Charles Freitas Jr., Gary Oliva, Shirley Kinoshita, Councilmember Todd Apo, Carolyn Golojuch, Wendy Sefo (Councilmember Apo's Office staff), George Kuo, Michele Golojuch, Michael Golojuch Jr., Polly Grace, Georgette Stevens, Barbara Gaboya, Jeanette Grace, George Grace III, Franklin Souza, Kurt Fevella (Chair, Ewa Neighborhood Board No. 23), John Ridings, Doug Chafe, Keoni Fox, Daniel Chang, Laurie Miyagawa, Roy Miyagawa, Lauern Aamdd, Bob Farrell, Bob Creps, Bill Aamdd, Lolita Takeda, Theresia McMurdo (Campbell Estate), Commissioner Chair Grant Tanimoto (Neighborhood Commission – Chair, Aliamanu/Salt Lake/Foster Village Neighborhood Board No. 18), Commission Vice Chair Sylvia Young (Neighborhood Commission), Kelley Ann Santiago (Neighborhood Commission Office staff), Joan Manke (Executive Secretary, Neighborhood Commission), Puni Chee (Councilmember Nestor Garcia's Office staff), Evelyn Souza, Michael Lavatia, Obed Donlin; Major Michael Moses, Captain Mitchell Kiyuna, Lt. Sarrel Sojot, and Lt. Dagan Tsuchida (Honolulu Police Department); Henry Eng (Mayor's representative – Director, Department of Planning and Permitting); Steve Kelly (Campbell Estate); Elwin Spray (Neighborhood Commission Office staff).

BOARD MEMBERS' ROLL CALL AND WELCOME: Five Board members were present (Buckley, Dudley, Golojuch, Ross, Timson). Chair Timson noted the need to treat one another as if each were a guest within your own home, to have respect and aloha for each other, to address questions through the chair, to observe time limits as listed on the agenda and to have the meeting end by 9:45 p.m. in order to secure the school. She said the presentation time limits for the agenda item on Fort Barrett park use was to be fifteen minutes and for Grace Pacific, ten minutes.

Kane arrived at 7:04 p.m.; six Board members present.

MONTHLY REPORTS, PART I:

Honolulu Fire Department (HFD) – Chair Timson deferred the fire department report, noting that the representatives were not present and likely responding to a call.

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Honolulu Police Department (HPD) – Lt. Sojot represented HPD and introduced the new Kapolei district commander, Major Mike Moses, accompanied by Captain Kiyuna, reporting that Moses has replaced Major Tamashiro who was appointed a Deputy Chief for HPD. Sojot gave the monthly HPD report on crime statistic comparisons for the general Makakilo/Kapolei/Honokai Hale Neighborhood Board area for August and July 2006 (format: August/July) – 6/2 robbery, 25/26 burglaries, 60/45 thefts, 28/26 auto thefts, 55/33 thefts from vehicles (UEMVs), 35/26 thefts from persons, 1/2 identity (ID) thefts, 76/91 motor vehicle collisions (MVCs), 1/2 driving under the influence (DUIs), 25/29 criminal property damages (CPDs), 5/3 drugs. There were 349/265 adult arrests, 151/77 juvenile arrests, and 500/342 total arrests. Sojot distributed phone numbers for the reporting of drug activity:

- HPD, Narcotics/Vice: 592-3101
- State Attorney General, Drug Nuisance: 586-1328
- Drug Enforcement Administration (DEA): 541-1930

Yamamoto arrived at 7:14 p.m.; seven Board members present.

Major Moses introduced himself and reported that he has been assigned to Windward locations for the past twenty-seven years. Chair Timson welcomed him on behalf of the community and offered congratulations to both Moses and Tamashiro. Golojuch expressed concern that the theft of copper wire from the freeway has affected the safety of those who drive on the state highway. Buckley referenced the recent freeway blockage in Aiea and asked that HPD develop a plan to deal with scenarios of traffic blockage, noting that with the closure of the state highway, all City roads were at gridlock. Golojuch Jr. reported illegally posted campaign signs on public property, especially the on-ramps to state freeways, and asked for more HPD awareness and enforcement. G. Grace introduced himself as working with the Live and Let Live Program (the HPD program that displays wrecked accident cars and opposes drinking-and-driving) and asked about the next community meeting; Chair Timson referred the question to Sefo (from Councilmember Apo's office), explaining that Sefo had been involved with a meeting the prior night. Sefo reported the next meeting on October 10, 2006, under the coordination of Officer Mark Tom at the Kapolei Station; she was available to answer questions about the program at Councilmember Apo's office 547-7001.

Chair Timson noted that the HFD was not present and said that, if there were no objections, she would ask the HFD to give their report upon their arrival. There were no objections, the special order for the agenda passed 7-0-0.

Filling of Vacancy – Chair Timson reported that there was a Board member vacancy and invited nominations or a volunteer to fill the remainder of the un-expired term (until May 31, 2007), explaining that a vote of five members was necessary to elect a member.

Chair Timson welcomed the attendance of Neighborhood Commission Chair Grant Tanimoto and Commission Vice Chair Sylvia Young at the meeting.

Nominations were made to fill the vacancy: Ross nominated Lolita Takeda (Golojuch seconded), Buckley nominated Obed Donlin, Yamamoto nominated Robert Locquiao, Dudley nominated John Ridings, and Sarah Akiona volunteered.

Chair Timson invited the five nominators to introduce their candidates to the community:

1. Takeda: Ross noted that Takeda was a regular attendee to Board meetings, was knowledgeable especially in community education issues, had 13 years in the Kapolei School Complex, and had been involved with the Farm Fair for past three years.
2. Donlin: Buckley said Donlin was a community activist (mainly through soccer – as a regional commissioner), was active at Sunsets, worked for Seagull Schools and was honored the past year with a KOA (Kapolei Outstanding Achievement) community-award.
3. Locquiao: Yamamoto endorsed Locquiao, a West Hills resident who was a 2005 neighborhood board candidate and an active resident involved in transportation issues.
4. Ridings: Dudley said that Ridings had worked hard as a candidate at the last Neighborhood Board election, coming within five votes of winning, and being a regular Board attendee and participant.

5. Akiona: Akiona introduced herself as a prior Board member, as well as a 44-year Makakilo resident involved in the community. She is a grandmother who is now retired after 20 years as a Deputy Sheriff and continues to be an advocate for community issues.

Chair Timson noted that Akiona had spoken and asked if other nominees would like to speak:

1. Takeda said she had moved here in 1993, was involved in the schools and Kapolei Community Policing, and has the time to be involved as her children are becoming young adults.
2. Ridings noted his concerns with traffic issues and lights, his residency since 1977, and that he is aware of community issues and would like to assist in reaching solutions.
3. Locquiao reported he lived in West Hills and expressed his desire to work with the neighborhood board.
4. Donlin reported that he has been involved with AYSO soccer (American Youth Soccer Organization) - currently being the AYSO regional commissioner, has been a resident since 1994, is supportive of youth programs and is concerned with traffic issues.

Chair Timson noted the presence of Kapolei High School Principal Alvin Nagasako and Executive Secretary Joan Manke (Neighborhood Commission) and welcomed them to the meeting.

Chair Timson asked for public input, with C. Golojuch endorsing Takeda (as an individual always working to support schools and youth) and Severson testifying for Donlin (reporting Donlin active in youth soccer program and dedicated to the community). **Chair Timson called for the vote, which was Takeda – three votes, Donlin – two votes, Locquiao – one vote, and Ridings – one vote. Takeda: Golojuch, Ross, Timson. Donlin: Buckley, Kane. Locquiao: Yamamoto. Ridings: Dudley. Akiona: none. Chair Timson announced that the vote required was for five votes to be in agreement, that the vote had failed to achieve five votes and that the vacancy issue could be brought up later.**

Mayor's Representative – Henry Eng, Director – Department of Planning and Permitting, represented Mayor Hannemann and distributed copies of the Mayor's community report for September 2006. Eng reported that the building permit for the Kapolei Park parking lot was approved on September 19, 2006. He also reported that he and several City planning officials are to be on the mainland for the Board's next meeting; the City planners are to study municipal transit systems in Vancouver, Portland, San Francisco and San Diego. He invited the community to visit the Planning and Permitting Department's website <http://www.honoluluodpp.org/>.

Buckley noted that he had requested HPD to follow-up on developing plans for a future freeway blockage and asked why there were no HPD called out; Eng said that HPD had responded to requests for officers and that he would look into the issue. Yamamoto noted the need to extend planning for the proposed rapid transit line to the Kapolei business center. Dudley asked about a future Wal-Mart community meeting, with Timson reporting that she had requested the Wal-Mart planners to make a presentation at the Board's November 29, 2006 meeting. Dudley asked about the intent of the mainland transit visits with Eng responding that the focus of the studies are the transit stations, which are primarily rail systems. Golojuch noted the need for the transit corridor to extend to Kapolei as the appropriate site for a base yard. Golojuch Jr. noted his prior concerns reported to HPD and asked that Eng also follow-up with candidates about the posting of political signs on public property. Eng reminded members that he would not be present at the October meeting, with Buckley and Chair Timson commenting on the November meeting being scheduled for November 29, 2006 and no other meeting planned for December 2006.

Councilmember Todd Apo – Councilmember Apo distributed a community report and highlighted:

1. He followed up with the State Department of Transportation about the planning for the Fort Barrett widening project and reported that the project will include installation of sidewalks and street lighting.
2. The City's Managing Director, the Deputy Managing Director, the City Parks Director, the YMCA and the National Guard have all visited the Kalaeloa Recreation Center and all are pursuing a possible solution that will permit the City to keep the site open.
3. The \$3 billion transit corridor is reported to be shorter than was anticipated and that he feels Kapolei must be included; the meetings are continuing and the recommendations are to be sent to the Council for decision making in November 2006. He reported that he would be ready at the next meeting to make a presentation on the transit system.

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Chair Timson thanked Apo for his report and especially thanked him for his efforts on the Kalaeloa Recreation Center, which she reported that the Navy has said it is firmly committed to the October 15, 2006 closure. Dudley expressed concern that the example of Eng studying rail sites prior to the decision for rail being reached is an example of how rail is being assumed as the project and asked that Apo keep an open mind. Dudley also asked about the possible condemnation of land for a racetrack with Apo reporting that he had met with the director of the City's Department of Enterprise Services within the last week and had nothing new to add but that options are continuing to be explored. Apo also said that he is continuing to explore all of the transit corridor options and that the option for rail is not decided, adding that there is a provision for a transit base yard adjacent to Pearl Harbor. C. Golojuch thanked Apo for his efforts for the recreation center and asked if the community can assist him; Apo suggested sending words of encouragement to Mayor Hannemann, who is also working hard but would appreciate knowing it was a community-wide project. Takeda asked that the planners be reminded of the need for bike lanes and crosswalks in the Fort Barrett widening project; Apo said he would communicate to the State. P. Grace asked about the Kalaeloa Recreation Center -- how many users and when was the closure found out about. Apo said the current users are all military, retired or sponsored, including swim groups who are guests and that the closure was announced about a month and a half ago, with Chair Timson reporting that the Navy had made the announcement two months ago for an October closure, with no advance discussion or notice. G. Grace noted that the issue of rezoning of the former raceway site may come before the Council considers resolutions for restoration of the raceway operation and urged deferral of zoning legislation; Apo noted that a rezoning was a long process. Golojuch added that the process of zoning -- or of changing a zoning -- should be studied by any private organizations or groups who are starting efforts to make a zoning change. Ross noted that the roadway fronting the library -- Manawai Street -- now has more dangerous traffic since the link with Fort Barrett Road was opened, especially with cars being parked on both sides and people jay-walking between the cars; Apo reported both he and Councilmember Garcia have requested new signage. Chair Timson thanked Apo, reminded the audience that the room needed to be vacated no later than 9:45 p.m. in order to allow the custodians to close up, and pointed out that there are a number of issues to be heard tonight.

Councilmember Nester Garcia -- Chee represented Councilmember Garcia, distributed a community report, and highlighted that the request was made for a permanent speed display sign for the Farrington Highway corridor, that recently reported Mauka Lani Park graffiti made already been painted out by the Parks personnel, and that the Palailai Park comfort station construction was to begin in September 2006. Chee also called attention to the report on proposed City Charter issues to be voted on in the November General Election and invited the community to review handouts on the twelve proposals. Chee reported that the impasse the City has had with the Department of Defense over the building of Waipio soccer complex's restrooms in the explosive zone around Pearl Harbor has changed and the details are now being worked out. Golojuch reported vandalization of cars in the Palailai Park area (on election day), with Chair Timson commenting that juveniles are climbing the fences, but she noted that the taggers are not as active as before -- either at the Mauka Lani Park or other community sites -- and thanked Chee and Councilmember Garcia for their support. Chee reported that there were a variety of changes which hopefully contributed to lowering tagging: more active response teams and more severe service times and fines for those caught; he noted that in Waialeale there had been the apprehension of a 30-year-old tagger, breaking the perception that the taggers are all juveniles. Buckley also thanked Chee and Garcia for the Waipio Park efforts and expressed satisfaction that the Navy is trying to work with the community in this issue; Chee noted that the issue has been worked on for years by many people.

Honolulu Fire Department -- HFD -- Chair Timson announced that the firefighters had dropped off the HFD monthly report, which showed six brush fires, three rubbish fires, two vehicle fires, fifty medical emergencies, no search-and-rescue calls and eleven miscellaneous calls. Chair Timson reported the Fire Safety tip:

The National Fire Protection Association has selected "Prevent Cooking Fires: Watch What You Heat" as the theme for Fire Prevention Week, which will be on October 8 -- 14, 2006. Signs will be displayed at all fire stations, and demonstrations will be conducted at various schools and shopping centers around the island. The 2006 Fire Fighter's Safety Guide will also be distributed to all elementary schools.

The Honolulu Fire Department would like to take this opportunity to remind the community that the provisions of the traffic code regulating the operation, parking, and standing of vehicles does not apply to emergency vehicles responding to emergencies, provided the driver of the vehicle sounds a siren, bell, or exhaust whistle and displays a lighted red lamp. These warning devices help to ensure the safety of the public as well as the safety of the emergency responder. You could refer to the Revised Ordinances of Honolulu, Traffic Code, Section 15-4.4, or look on the website at www.honolulu.gov for further information.

Board of Water Supply – George Kuo represented the BWS and reported that the annual informational workshop for Board members would be September 30 – and that the State Office of Information Practices had said that this was a permitted meeting, that information on construction projects was available online, and that as a water conservation tip, it was suggested that water from cleaning of fish tanks be recycled onto your plants. Kane asked about the Honouliuli Pump Station's reconstruction with Kuo explaining that a new well in the Waipahu area has come on line as an additional source, although tapping the same aquifer (shaft providing production of 10 mgd). Chair Timson asked if there were any other questions, and thanked Kup for his presentation.

Filing of Vacancy – Chair Timson asked if any Board members or nominees had changed their minds or where were Board members prepared to take another vote on filing of the vacancy. There were no changes. Dudley suggested a resolution of appreciation for Board member Makaiwi's years of community service; Chair Timson said it was not appropriate at this agenda point.

PRESENTATIONS – INFORMATION AND ACTION

Verizon – Develop Telecommunications Facility At Kapolei High (Mike Benson, General Dynamics) – Chair Timson asked Benson to report. Benson explained that he representing Verizon in the development of a Verizon telecommunications facility at Kapolei High, which would be to add twelve cellular antennas adjacent to the stadium (which would necessitate the replacement of the existing light pole by Verizon and the adding of the antennas). He explained that a shelter behind the concession stand would be added as the ground system and that rent would be paid to the school. Benson distributed a map and architectural drawings.

Cingular and Nextel – Develop Telecommunications Facility At Kapolei High (Keoni Fox, Allii Wireless) – Chair Timson noted that the Cingular and Nextel project was similar and asked Fox to describe his project. Fox said that he would be adding antennas to existing light standards with the project resulting in the elimination of one antenna.

Yamamoto asked Fox if Nextel's reception would improve, with the comment that Nextel is improving its coverage but that this project was essentially a replacement project so there should not be a dramatic change. Yamamoto asked about the ability to be added to the Board's agenda; both said they had no problem. Dudley asked if the project antennas were the same or different; Benson's antennas are at 50 feet and Fox's antennas were at 90 feet, with both working to satisfy the school's requirements. Dudley noted a need to improve upper Makakilo coverage; additional antenna sites were reported to be in the process of preparing a permit application. Buckley asked about the difference in the building space required; Cingular has several small components and Nextel needed a larger space, with Verizon needing a building. Buckley expressed a concern about the footprints of the school property; the companies reported similar concerns and expressed that they were working with the school. Chair Timson asked about the application process; Benson said the application had not gone in yet so there was no requirement with Fox saying yes he was required to appear to the Board for the permit application and that he had notified the community. P. Grace asked what the effect of the towers were at the school; Benson said studies have been done – that Verizon is concerned about safety – and Fox said that the antennas are regulated by the Federal Communications Commission with concerns about the low power emissions at the tip of the antennae but not at the base ninety feet below. Fox had handouts on safety issues that he distributed. G. Grace asked about studies on children, with the reply that those specific studies were not known. G. Grace asked if the applicants had to make a presentation to a Board committee prior to appearing at the Board meeting; the answer from both was no. Swenson asked about a comment by Fox that the base equipment was avoiding a new locker room; Fox explained that there are long range plans for a home team locker room but not in the immediate future. C. Golojuch commended

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working the applicants on their efforts to get money to the schools and thanked them.

Chair Timson asked what the applicants wanted from the Board; Benson said it was notification and community reaction and Fox said he was asking for Board support. Chair Timson thanked Verizon for their presentation and asked them to take the community's concerns back as they develop their project and asked Board members for their preference with regard to the Cingular and Nextel projects. **Golojuch moved and Ross seconded that the Makakilo/Kapolei/Honokai Hale Neighborhood Board No. 34 support the Cingular and Nextel telecommunications facility at Kapolei High School. Dudley asked that a phrase be added that the antennas should appear "similar" to each other, with consent for the amendment.** Dudley also suggested the inclusion of Verizon, with Chair Timson saying that since Verizon was not making a request the inclusion should not be made. Yamamoto asked that a phrase be added to make a study for the long-term health benefits for the children in the school, with Golojuch suggesting that a study should be a separate motion. **Chair Timson declared that the motion for the Makakilo/Kapolei/Honokai Hale Neighborhood Board No. 34 to supports the development of Cingular and Nextel telecommunications facilities at Kapolei High School, with antennas which would be "similar" in appearance, passed unanimously, 7-0-0. Aye: Buckley, Dudley, Golojuch, Kane, Ross, Timson, Yamamoto.**

Yamamoto moved and Dudley seconded that the Makakilo/Kapolei/Honokai Hale Neighborhood Board No. 34 encourage a long-term study of the effects of cellular antennas on schools and that Cingular and Nextel telecommunications report back in 5 years. Buckley noted that prior studies exist and that the request should be for "more" studies but that if the Board felt the situation was dangerous it should not be approved; Ross noted that the school was involved. Fox and Benson noted that the schools have studies from the Federal Communications Commission and that the applicants work with the Department of Educations facilities division on antennae placements. **Golojuch suggested an amendment that the studies are asked for by the Department of Education and that if there are no long-range studies, that one is done, with consent for the amendment.** Chair Timson asked for the vote and declared that the motion was for the Makakilo/Kapolei/Honokai Hale Neighborhood Board No. 34 to encourage the long-term study on the effects and that Cingular and Nextel telecommunications report research studies to the Board. Chair Timson reported the motior failed because it did not achieve the five votes required for all Board action, 4-3-0. **Aye: Dudley, Golojuch, Kane, Yamamoto. No: Buckley, Ross, Timson.**

Chair Timson asked for the Board's pleasure on Verizon; Dudley moved and Ross seconded for the Makakilo/Kapolei/Honokai Hale Neighborhood Board No. 34 to support the development of a Verizon telecommunications facility at Kapolei High School, with antennas which would be "similar" in appearance. Chair Timson announced that the motion passed unanimously, 7-0-0. **Aye: Buckley, Dudley, Golojuch, Kane, Ross, Timson, Yamamoto.** Chair Timson noted that the time was now 8:45 p.m. and the room needed to be cleared at 9:45 p.m.

Makakilo Baptist Church – Construction of New Sanctuary – Gary Hockett – Chair Timson asked Hockett to present plans for the Makakilo Baptist Church. Hockett distributed a report, maps and photos describing the planned construction of a new one-story sanctuary designed to replace the existing structure (which seats 211) with a larger building (that will seat 300). He reported that construction would begin in January 2007 and would be completed in six to eight months. He also reported the Board had received a prior presentation on the project and that the preschool operation was planned to continue during the construction period. **Golojuch moved and Ross seconded to support the Makakilo Baptist Church's construction project.** Dudley asked if it was difficult to get on the Board's agenda; Hockett said that this was the Church's third presentation to the Board and that the Church had wanted to be here in August 2006 rather than September. Buckley commented that he supported the project and asked about additional parking for the site; Hockett said that the temporary parking at the adjacent dental facility was planned to be continued upon completion of the new sanctuary. Chair Timson noted that she was not a member of this church but that the Baptist Church was considered good neighbors to community members and expressed gratitude that the pre-school will remain open. **Chair Timson asked for the vote and announced that the motion passed unanimously, 7-0-0. Aye: Buckley, Dudley, Golojuch Kane, Ross, Timson, Yamamoto.**

Kapolei Regional Park Master Plan – Mike Miyabara, of Miyabara Associates, and Terry Hilderbrand, of the City & County of Honolulu, Department of Design and Construction – DDC, were present to review the

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Master Plan summary of the Fort Barrette or Puu O'Kapolei section of the Kapolei Regional Park. Miyabara distributed a project summary and a map covering the project scope: the total site is 71 acres with two distinct portions, one, the lower relatively level area and the second, the upper knoll area. The knoll area is the hill or Puu O'Kapolei, which consists of 31-acres which would be continued as a passive, rustic area with perhaps 1) archery, 2) passive recreation, 3) as a possible community center, and 4) as a possible park shelter facility. Chair Timson asked why the presentation was being done; with the explanation that this was the first public presentation and that an endorsement by the Board would be welcomed. Kane commended the efforts to improve the site, noting three archeological surveys have been done and noted that the surveys failed to identify cultural structures; DDC will follow up. Chair Timson commented that she approved the concept, with Buckley noting that the Master Plan is a good start but that the community center, as well as a gym, was needed and should be presented with a timeline and a cost estimate. Hilderbrand explained that it had taken ten years to get the agreements for this concept, with a potential price tag of about \$7 million, but that there was no timeline for funding and that in the meantime the archery groups have cemented a claim to being accommodated, which has limited the planning. Yamamoto asked about the cost to operate the archery portion of the park versus the number of users, with the comment from Miyabara that the group was self-regulating but that he would develop an estimate. Dudley asked if the shelter sites could be refurbished for emergencies, with the report that the use was not considered. Chair Timson reminded Board members of the 9:45 time constrain and that an additional presentation needed to be heard by the Board. Dudley asked how difficult it was to have the issue added to the Board's agenda, with the response that it was not difficult. **Golojuch moved and Kane seconded that the Makakilo/Kapolei/Honokai Hale Neighborhood Board No. 34 supports the concept of Kapolei Regional Park Master Plan Fort Barrette summary and request that funding for the Master Plan be added to the FY 2008 budget.** Dudley suggested that the concept of shelters be added to the motion, with Golojuch saying that it should be a separate motion since it involves another agency. **Chair Timson announced that the motion passed unanimously, 7-0-0. Aye: Buckley, Dudley, Golojuch, Kane, Ross, Timson, Yamamoto. Dudley moved and Golojuch seconded that the Makakilo/Kapolei/Honokai Hale Neighborhood Board No. 34 requests the City to look into converting the existing shelters into hurricane safety shelters for the community.** Kane commented on the need to respect the historical value of the site, to which Hilderbrand concurred, and Dudley added that the shelter need was great. **Chair Timson announced that the motion passed unanimously, 7-0-0. Aye: Buckley, Dudley, Golojuch, Kane, Ross, Timson, Yamamoto.**

Grace Pacific – Status Update on Makakilo Quarry – Bob Creps, Senior Vice President – Grace Pacific, was present to update the Board on Grace Pacific's planning to shift its quarry operation mauka, with an announcement that the area planned to be used was reduced to 35 acres and that the berm was to be slightly higher. Chair Timson asked if the visual aspect was affected, with the response that there was a change. Dudley asked about the view from Barber's Point, with Creps saying the berm would be higher but that the plan would be to soften the slope and add more landscaping. Kane asked about the long term use, with Creps explaining that the space will remain in buffer and that no decision was made on the long term use of the land, although it could be returned to a filled-in level slope or used as other sites have been used -- as water parks or parking sites (University of Hawaii Manoa). **Golojuch asked that it not be sold to the City for use as a dump, with Creps explaining to her and to P. Grace that the City Council had passed legislation saying the quarry does not fit the criteria for a future landfill. He added that the quarry would be renaturalized before its end use is determined.**

Golojuch moved and Kane seconded that the Makakilo/Kapolei/Honokai Hale Neighborhood Board No. 34 supports Grace Pacific plans to modify the current Conditional Use Permit and Special Use Permits (to expand project lines mauka) but continuing to be within the land owned by Grace Pacific to increase the buffer zone for operations. Chair Timson announced that the motion passed, 6-1-0. Aye: Buckley, Golojuch, Kane, Ross, Timson, Yamamoto. Nay: Dudley.

Approval Of Minutes – Regular Meetings of July 26 And August 30, 2006 – Chair Timson asked for corrections or approval of Regular Meeting Minutes for July 26, 2006. **Golojuch moved and Ross seconded that the Makakilo/Kapolei/Honokai Hale Neighborhood Board No. 34 Regular Meeting Minutes for July 26, 2006 be approved as circulated. Chair Timson announced that the motion passed, 6-1-0. Aye: Buckley, Golojuch, Kane, Ross, Timson, Yamamoto. Nay: Dudley.**

For the Regular Meeting Minutes of August 30, 2006, a correction was proposed to Page 5, at the bottom of the page, inserting the phrase: "Chair Timson asked Board members for an additional 15 minutes for

the presentation." With no other corrections offered, Chair Timson declared the published Minutes of the Regular Meeting of August 30, 2006 approved as corrected, 5-1-1. Aye: Buckley, Golojuch, Kane, Ross, Timson. Nay: Dudley. Abstain: Yamamoto. Dudley commented that the minutes were written to favor the chair at the expense of the audience.

BOARD'S REPORT

Chair's Report – Status of Kioni Dudley's complaint – Chair Timson reported that a unanimous vote to deny the submitted complaint was taken at the special Board meeting of August 16, 2006. Dudley reported that there were a series of letters that had been submitted to which there was no response. Chair Timson said that the complaint process is one where issues are referred to the Neighborhood Commission for them to take a vote at an open public meeting after the Commission has gone through a fact-finding process. Executive Secretary Joan Manke was invited to address the Board, with Manke reporting that the issue -- with the submitted responses to herself -- had been referred to the City's Corporation Counsel for review and transmittal to the Neighborhood Commission.

Treasurer's Report – Buckley reported an operating account balance of \$1314.00 and commented that the monthly room rental for the Kapolei High School cafeteria is not deducted until the end of the year; he will check the amounts with the school. Golojuch reported that the Commission was anticipating adding funds to all Neighborhood Boards to allow for additional newsletter or video communications. Dudley asked about video taping of this meeting; Makakilo resident Bob Farrell announced that he had been asked to videotape the meeting for 'Olelo public television broadcast, being paid by the Paradise Lua Company. Golojuch suggested the Board plan for expending the Board's refreshment funds with the intention of having a cooler of soda and water and other light refreshments in the back of the meeting room.

Committee of the Whole – Golojuch had no additional report.

ADJOURNMENT: Chair Timson noted the 9:45 p.m. meeting deadline. Golojuch moved and Buckley seconded to adjourn. Chair Timson announced that the motion passed unanimously, 7-0-0, and adjourned the meeting at 9:45 p.m. Aye: Buckley, Dudley, Golojuch, Kane, Ross, Timson, Yamamoto.

Submitted by Elwin Spray, Neighborhood Commission Office staff.

Thursday, October 19, 2006

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Makakilo/Kapolei/Honokai Hale Neighborhood Board (NB) Meeting

Date: September 27, 2006
Place: Kapolei High School Cafetorium
Time: 7:00 p.m.
NB Attendance: Chair Maeda Timson (MT), Jane Ross (JR), Shad Kane (SK), Michael Golojuch (MG), Brent Buckley (BB), George Yamamoto (GY), and Kioni Dudley (KD)

Presentation: Makakilo Quarry Status Report by Grace Pacific Corporation

Bob Creps of Grace Pacific presented a short *Powerpoint* slide show describing the current status of the proposed boundary adjustment for the active portion of the existing operation at Makakilo Quarry. Creps also described the results of the company's effort to reduce the visual impact of the proposed quarry area adjustment on adjacent properties by controlling the limits of the active quarry section, creating screening berms, and re-naturalizing the closed portions of the quarry.

NB Members Questions/Concerns:

- KD - Appreciates Grace Pacific's efforts to minimize visual impacts and for doing the visual analysis. The screening berms will work fine for areas to the east, but the quarry would be more visible from the Barber's Point side. Grace Pacific responded by indicating that the grading in the quarry would be soften and, at the time of closure, the walls would be re-naturalized and landscaped.
- MT - Expressed satisfaction with the mitigative efforts by Grace Pacific on the project's potential visual impacts.
- SK - What are the long-term plans for the quarry? Creps explained that the quarry would remain in open space or as a buffer after its closure, and that there are possible options (e.g., water park, parking site, etc.), but no decision has been made yet on the area's long-term use.

Grace Pacific explained that the quarry would be re-naturalized by grading to minimize man-made landforms and grassing to re-landscape the area. A re-naturalized plan has been submitted and approved by the City.

Public Questions/Concerns:

Carolyn Golojuch / Polly Grace -

When the quarry closes, will it be used as a public landfill? Grace Pacific responded by referencing the Honolulu City Council Resolution 03-09 which precludes siting

of landfills mauka of the Underground Injection Control and No-Pass Lines. This resulted in the Makakilo site being dropped by the 2003 Advisory Committee on Landfill Siting from its list of potential landfill sites.

Creps added that the quarry would be re-naturalized before the long-term end use is determined.

MT - When would the quarry begin the re-naturalization process? Grace Pacific indicated that it would be in about 5 years.

Chair Timson thanked Grace Pacific for updating the board members on the status of the project. Grace Pacific indicated that it will be submitting the permit applications to the City in October instead of September as previously mentioned.

Prepared by:
Belt Collins Hawaii
September 29, 2006
November 21, 2006 (rev.)

3 APPLICANT'S SUMMARY

3.1 The Makakilo Quarry

The Makakilo Quarry is located on the southeastern slopes of Pu'u Makakilo in the Ewa District of Oahu, Hawaii (see Figures 1 and 2). The quarry and ancillary operations are conducted under permits 72/CUP-15 and ~~73/SUP-147~~ SP73-147 (see Exhibits A and B). The parcels affected by these permits are described by Tax Map Keys 9-2-3-82 (Parcel 82), 9-2-3-74 (Parcel 74), and 9-1-16-4 (Parcel 4).

Parcel 82 contains the existing excavation area and a portion of the existing buffer zone. Parcel 74 contains a portion of the existing buffer zone, the balance is open space. A portion of Parcel 74 was permitted for golf course use under permit 88/CUP1-30, which permit was rescinded in November 2006. The Processing Site for the excavated rock is located on Parcel 4, makai of the H-1 Freeway (see Figures 3 and 4). Parcel 74 is owned by Puu Makakilo, Inc. a wholly owned subsidiary of Grace Pacific. Parcels 82 and 4 are owned by the James Campbell Company and leased to Grace Pacific.

3.2 Proposed Use

Grace Pacific is proposing to relocate the excavation area of its Makakilo Quarry to enable the continuation of its rock extraction operation at the site. The proposed action would affect approximately 53 acres of Parcel 74, immediately mauka of the existing quarry. Of the 53 acres, 34 acres would be the active excavation area, and 8 acres would be graded and 11 acres bermed for visual mitigation purposes.

With the relocation of the excavation area, Grace Pacific proposes to designate the balance of the open space area of Parcel 74 as buffer zone, increasing the buffer by 181 acres. In addition, as the quarrying moves mauka, 34 acres of Parcel 82 currently designated as active quarry would be designated as buffer zone. In total, the buffer zone would increase from 178 acres to 393 acres. See Figure 5 for a plan view of the Proposed Use.

Table 1 below summarizes the existing and proposed uses of Parcels 82 and 74:

Table 1. Existing and Proposed Uses by TMK Parcel

Land Use Activity	Existing (acres)			Proposed (acres)		
	Parcel 82	Parcel 74	Total	Parcel 82	Parcel 74	Total
Active Quarry	94	-	94	60	34	94
Buffer Zone	81	97	178	115	278	393
Other Acreage	-	215	215	-	-	-
Total Acreage	175	312	487	175	312	487
Ownership	James Campbell	Grace Pacific		James Campbell	Grace Pacific	

9-1-16:4 = 54.274 (No change)

The excavation of the 34 acres is estimated to yield 21 million tons of construction grade aggregate over a period of 25 years.

The actions described in this section will be subsequently referred to as the "Proposed Use."

3.3 Permitting Process

Discussions between Grace Pacific and the Department of Planning and Permitting (DPP) were held in late 2005 and early 2006. On March 7, 2006, DPP determined that:

- 1) the Proposed Use requires a major modification of the existing CUP for resource extraction.
- 2) pursuant to Land Use Ordinance (LUO) Section 21-2.100(b)(5), major modifications must be processed under applicable permit requirements; therefore the Proposed Use requires a CUP (Major) application.
- 3) as the site is in the State Land Use Agricultural District and the Proposed Use involves more than 15 acres, the Proposed Use requires a modification to the existing Special Use Permit (SUP), with approval of the SUP modification request by the State Land Use Commission (LUC).
- 4) DPP will process the SUP application for a Planning Commission hearing and recommendation in advance of LUC consideration.
- 5) DPP will apply the provisions of LUO Section 21-2.50, Multipermit Process, such that Grace Pacific may submit both the CUP (Major) and SUP applications at the same time. See also Pre-Application tab for the above letter.

3.4 Limited Scope of Proposed Use Request

The Proposed Use request is very limited in scope. Grace Pacific is asking to extend the life of an existing permitted and compliant quarry operation. (See Exhibit C for an evaluation of compliance with 72/CUP-15 conditions 1 through 12.) Approval of this request will allow access to a 25 year supply of high quality basalt rock. The manner and level of processing of the rock under this proposal will be the same as it has been for the past 25 years.

Under this proposal:

- Grace Pacific believes the proposed excavation area is particularly well suited for the Proposed Use, given the topography, abutting property uses and alternate uses for Parcel 74;
- the activities on Parcels 82 and 4 will remain at the same level as in the past, with no change to the hours of operation, no change in the number of clients and staff on site, nor any change to the use and number of structures on site. There will be no new structures on Parcel 74, and as the excavation moves mauka, the operations will follow the hours of operation for Parcel 82, and will utilize employees currently working on Parcel 82;

- on Parcels 82 and 4, there will be no relocation of existing structures, no new structures or site alterations, nor any changes to grading and landscaping. There will be no new structures on Parcel 74. A portion of Parcel 74 will be graded and landscaped for visual mitigation purposes;
- there will be no increased requirement by Parcels 82, 4 and 74 for public waste water disposal or public water facilities. There will be no increase in the level of traffic presently accessing Parcels 82, 4 and 74 from Farrington Highway;
- there will be no impact on the level of public services presently available to Parcels 82, 4 and 74, including refuse collection, fire protection, police services and schools;
- as to Parcels 82 and 4, there will be no impact on natural landforms, public views, natural habitats, historic sites or flood hazards. As to Parcel 74, there will be impacts to the natural landforms and public views, for which Grace Pacific has prepared a mitigation plan;
- there will be no impact on housing and population, employment and parks, and recreation arising from the continuing activities on Parcels 82 and 4 and from the Proposed Use on Parcel 74;
- and finally, as to the impacts of noise, dust and vibrations, the operations on Parcels 82 and 4 are presently regulated by the State of Hawaii Department of Health's Noise Branch and Clean Air Branch, the Department of Labor and Industrial Relation's Hawaii Occupational Safety and Health division and the federal Mine Safety and Health Administration. Grace Pacific's operations have been and will continue to be in compliance with all applicable regulations.

3.5 Administrative Amendments of Permits

While this Proposed Use request is being treated as a major modification that must be processed under a CUP (Major) application, none of the activities currently allowed under permits 72/CUP-15 and ~~73/SUP-147~~ SP73-147 need to be re-approved by virtue of this process.

As the permits were issued over 30 years ago, when sugar cane lined Farrington Highway for miles and miles, and use permits were approved by the City Council, this major modification process affords an opportunity to identify desirable changes to the permits to reflect the "modern" conditions of quarrying and permitting.

The changes identified will be incorporated administratively into the approval process, either effective upon issuance of approval, or if not practical, as conditions or actions to be performed subsequent to issuance.

3.6 After the Fact Approval of Existing Quarry Area (See Section 1.6)

As issued, 72/CUP-15 allows for 72 acres of active quarrying within a 260-acre mauka of the H-1 Freeway. Today the active quarry area approximates 94 acres. Grace's research into this discrepancy does not provide a clear answer as to how this occurred. The maps attached as exhibits to the 1973 CUP application and to the Declaration of Conditions on file with the Land Court suggest an active quarry area of 94 acres and a total mauka area of 272 acres (see Figure 6). The active area as shown by the map attached to City Council Resolution 95 suggests an active quarry area of 78 acres and a total mauka area of 281 acres (see Figure 7). There appears to be no map that corresponds to the 72-acre figure described in the text of the application as the active quarry area. The area Grace Pacific is actively quarrying today is approximately 94 acres, being a portion of the 113 acres covered under a license agreement with the James Campbell Company. Grace Pacific hereby asks that After the Fact Approval be given to the 22-acre difference for active quarrying.

3.7 Community Concerns

Grace Pacific understands that its continued operations in the Makakilo/Kapolei area depend upon Grace's continuing to operate as a good neighbor. Grace Pacific is sensitive to the impacts of its operations on the continuing growth of Kapolei, Oahu's second city. And Grace is supportive of this growth, contributing funds and services to the community events critical to establishing Kapolei's sense of identity.

In May and June of 2006, in preparing for this application, Grace Pacific conducted focus groups with Makakilo and Kapolei residents, and met with the Palehua Community Association and Kapolei Knolls Association to listen to the residents' concerns. The visual impact of the proposal, dust mitigation, possible use of the quarry pit as a landfill, and the end use of the quarry property were the top concerns.

In a July 2006 presentation to the Makakilo/Kapolei Neighborhood Board, Grace explained its proposal to continue excavation on the 40 acres immediately mauka of the existing quarry pit. The board members expressed similar concerns as previously heard from the residents.

Grace spent the next two months modeling three configurations of proposed excavation areas and their resulting visual impacts. The third configuration, while reducing the area from 40 acres to 34 acres, was deemed to best balance the need for rock with the need and effort required to visually mitigate the impact of quarrying further mauka.

In a September 2006 presentation to the Makakilo/Kapolei Neighborhood Board, Grace presented its proposal for the 34-acre excavation area and related visual mitigation, including lowering the ridge on the southwest side of the area by approximately 50 feet and building a berm on the northeast edge of the area of approximately 75 feet. The Board passed a motion to support Grace's plans to modify the current Conditional Use and Special Use Permits by expanding the project lines mauka by a 6-1-0 vote.

A detailed discussion of the issues and concerns related to the Proposed Use are included in Section 7 Neighborhood Board, and in Section 2 Pre-Application Meeting, Affidavit, and Neighborhood Board Presentation.

3.8 Justification of Proposed Use

The Proposed Use readily complies with the requirements for conditional uses: 1) it is a permitted use in the zoning district and conforms to LUO requirements; 2) it is a suitable site; 3) it does not alter the character of surrounding area to impair permitted uses; and 4) it meets the development standards of LUO Articles 3 and 5.

The most significant and compelling argument justifying the Proposed Use is its unique and critical contribution to the general welfare of the residents of Oahu.

Oahu is running out of construction grade rock.

Permitted quarry reserves are a finite and wasting resource.

No Oahu reserves have been permitted in over twenty years.

The three quarries on Oahu – Grace’s at Makakilo, Hawaiian Cement’s at Halawa, and Ameron’s at Kapaa – were last permitted in 1973, 1974, and 1985, respectively. A request by Ameron to open a regional quarry at Kaukonahua, Waialua in 1993 was withdrawn because of public opposition.

Today it has become nearly impossible to find a new source of basaltic rock on Oahu that: - is of a quality suitable for ready mix concrete (portland cement concrete) or hot-mix asphalt (asphaltic concrete), known in the industry as A-Grade aggregate, or suitable for structural fill (B-Grade aggregate); - is in a deposit physically accessible and able to be permitted; and - is in a quantity sufficient to justify the capital investment.

Recycling of concrete rubble and asphalt pavements is part of the solution. Grace Pacific opened the first permitted concrete rubble and asphalt pavement recycling operation on Oahu in 2002 under Zoning Variance 2002/VAR-51 and Solid Waste permit RY-0049-02 (see Exhibits D and E). While the aggregate in rubble and pavements is of an A-Grade nature, less than 20% is able to be re-used in an A-Grade application, with the balance filling demand for B-Grade products.

Oahu’s 2005 construction demand was for approximately 900,000 cubic yards of ready-mix concrete and 650,000 tons of hot-mix asphalt. Ready-mix concrete uses a blend of A-Grade basaltic aggregate, basaltic manufactured sand and Maui dune sand. Hot-mix asphalt uses A-Grade basalt. The A-Grade aggregate and sand component of 2005 construction demand is estimated at 2.3 million tons. Oahu’s quarries produced an estimated 1.9 million tons of A-Grade aggregate and manufactured sand. The shortfall was made from off-island.

Oahu’s quarry operators have begun to import rock. In 2005 and 2006, 400,000 tons and 330,000 tons respectively, of A-Grade aggregate and dune sand were shipped from Kahului, Maui to Pier 19 on Oahu by Ameron and Hawaiian Cement. The drop in 2006 volume reflects a decrease in the amount of available dune sand. In 2006, Grace Pacific, on a trial basis, imported 56,000 tons of granite aggregate from Canada. Also in 2006, 9,000 tons and 22,000 tons of Canadian concrete sand were purchased by Ameron

and Hawaiian Cement respectively. Today, Pier 19 is no longer available and Ameron is investing in channel dredging and improvements to Pier 60 to be able to ship dune sand and basaltic rock from Maui.

The additional costs of ocean freight and handling, the increasing congestion at Hawaii's harbors and the risk of reliance on long distance shipping makes imported aggregate a second choice to locally quarried aggregate.

Permitted reserves at Grace's Makakilo Quarry are estimated at less than 1 year of A-Grade and 11 years of B-Grade at the current level of demand. The approval of Grace's Proposed Use would enable Grace to supply 550,000 tons of A-Grade and 600,000 tons of B-Grade annually to Oahu's construction market for the next 25 years.

Thus, the Proposed Use readily complies with all of the requirements for a conditional use.

4 SITE DESCRIPTION

4.1 Ownership

Parcels 82 and 74 (Existing and Proposed Excavation Area and Buffer)

Parcel 82 is owned by the James Campbell Company, successor to the Estate of James Campbell (Campbell). The land is licensed through December 2017 to Grace Pacific, which is the operator of the existing quarry. Subject to the approval of this Use Permit, Grace Pacific has negotiated with Campbell for an extension of the license to 2032.

Parcel 74 is owned by Puu Makakilo, Inc (PMI), a wholly owned subsidiary of Grace Pacific.

Parcel 4 (Processing Site)

Parcel 4, the Processing Site, is owned by the James Campbell Company. The land is leased through December 2017 to Grace Pacific, which is the operator of the Processing Site. Subject to the approval of this Use Permit, Grace Pacific has negotiated with Campbell for an extension of the lease to 2032.

4.2 Topography

Parcels 82 and 74

The existing quarry (Parcel 82) ranges in elevation from 300 feet to 550 feet; the proposed excavation area ranges in elevation from 500 feet to 700 feet. The slopes are steep (10 to 25%). The existing and proposed excavation areas are framed by two ridges extending makai from the Pu'u with an unnamed gully in the center. Figure 8 shows the topography of Parcels 82 and 74 as of September 2006.

Parcel 4

Figure 8 shows the topography of Parcel 4 as of September 2006. The site elevation slopes from 220 feet at the H-1 Freeway down to 120 feet at Farrington Highway. The parcel is 54 acres, of which 35 acres are in active use. The slopes range from steep (15%) along the H-1 Freeway, to gentle (0% to 5%) at Farrington Highway.

4.3 Abutting Uses

Parcels 82 and 74

The orientation of the property lines of parcels 82 and 74 is described as northeast (NE) facing Waipahu/Kunia; northwest (NW) facing Pu'u Makakilo (for Parcel 82) and the residential area of Palehua East (for Parcel 74); southwest (SW) facing the lower Makakilo Drive residential area; and southeast (SE) facing the H-1 Freeway. See Photo F-1.

Parcel 82 is surrounded by Parcel 74 on three sides (NE, NW, and SW). The fourth side (SE) abuts the H-1 Freeway.

Parcel 74 abuts grazing activity on AG-1 zoned land to the NE; to the NW, residential use with the R-5 zoned development by Castle & Cooke and the A-1 zoned "Anuheha at Makakilo" development; to the SW, undeveloped land with AG-2 and R-5 zoning; and to the SE, Parcel 82.

Parcel 4

Photo F-1 shows the abutting uses of the Processing Site parcel. The NE boundary abuts the parcel containing the Navy's Barbers Point Shaft (State Well permit 2103-03), such parcel being zoned AG-1; the NW boundary abuts the H-1 Freeway; the SW boundary abuts the Kapolei Knolls subdivision, zoned R-5, and the Navy water tank, zoned AG-1; and the SE boundary abuts Farrington Highway and includes a utility corridor in a 75 foot setback area from Farrington Highway.

4.4 Use History

Parcel 82

Prior to 1973, what is now Parcel 82 (previously a portion of 9-2-03-02) was used for livestock grazing.

In 1973, quarry use was authorized under Conditional Use Permit (72/CUP-15) granted by the Honolulu City Council and Special Use Permit (SP73-147) granted by the State Land Use Commission.

Since 1973, what is now Parcel 82 has been used for the excavation and primary crushing of basalt aggregate, and as a buffer zone. The buffer zone is designed to provide mitigation of potential impacts that might be generated by the existing quarry.

In 1984, Grace Pacific took over operations of the Makakilo quarry when it purchased Pacific Concrete & Rock Company, the former operator of the quarry.

In 1988, Parcel 9-2-3-2 was subdivided into various parcels, including Parcel 82 and Parcel 74. See Table 2 below for the apportionment of the permitted mauka 260 acres.

In 2002, Zoning Variance VAR51 was granted, allowing for the receiving and recycling of concrete rubble and asphalt pavements along with the finish crushing of B-Grade basalt products.

Parcel 74

Prior to 1973, what is now Parcel 74 (previously a portion of 9-2-03-02) was used for livestock grazing.

In 1973, a portion of what is now Parcel 74 was designated as buffer zone for the quarry under 72CUP-15. The balance of the parcel remained in grazing use.

In 1988, Parcel 9-2-3-2 was subdivided into various parcels, including Parcel 74 and Parcel 82. See Table 2 below for the apportionment of the permitted mauka 260 acres.

In 1989, 88CUP1-30 was granted for an 18-hole golf course on 232 of Parcel 74's 312 acres. A portion of the approved golf course (85 acres) was located in the permitted

quarry buffer zone and the remainder is characterized as “other acreage” in Table 2 below.

In 1990, Parcel 74 was sold to Chiyoda Pacific. The golf course construction commenced in 1990 and was 50% complete when the project was abandoned in 1993;

Grace Pacific purchased parcel 74 in 1995 at a foreclosure confirmation hearing. Difficulties in obtaining a long term source of irrigation water and unfavorable golf course economics have made completion of the project unfeasible. 88CUP1-30 was rescinded by Grace Pacific in October 2006 (see Exhibit F). Since 1995, Parcel 74 has been used as open space and buffer zone.

Parcel 4

Prior to 1973, the steeper slopes were used for grazing and irrigation flumes, and the gentler slopes for sugar cane cultivation.

Use Permits 72/CUP-15 and SP73-147 authorize the permittee to establish a processing facility for the rock extracted by the quarry operations. The 35-acre Processing Site is located on Parcel 4 of TMK 9-1-16 situated across the H-1 Freeway from the mauka quarry operations. A State Department of Transportation Tunnel Easement (see Exhibit G) allows Grace to bring the raw material from the Quarry via a tunnel to the makai site for subsequent processing into aggregates for sale or for the production of hot-mix asphalt and ready-mix concrete.

Table 2. Subdivision of 9-2-03; por 2 into Parcels 82 and 74
(Figures reflect acreage described in 1973 approval.)

Land Use Activity	As of 1973	As of 1988	
	TMK 9-2-03: por 2	TMK 9-2-03: 82	TMK 9-2-03: 74
Active Quarry	72	72	-
Buffer Zone	188	103	85
Other Acreage	-	-	227
Total Acreage	260	175	312
Ownership	Campbell Estate	Campbell Estate	Puu Makakilo

4.5 Soil Types and Classifications

The soil types and classifications under current rating systems are described in Table 3 below.

Table 3. Soil Type and Classifications

Parcel #	Land Capability Groupings by the Soil Conservation Service (SCS) of the U.S. Dept of Agriculture								Agricultural Lands of Importance in the State of Hawaii (ALISH) by SCS, UH College of Tropical Agriculture, and State of Hawaii Dept of Agriculture			Overall Productivity Rating by the UH Land Study Bureau			
	Classification (acres)								Classification (acres)			Classification (acres)			
	IIIc	IIIs	IVe	IVc	VIe	VIs	VIIe	VIIIs	1-Prime Land	3-Other Land	No Survey	A	B	D	E
74	-	-	141.2	-	15.8	-	52.4	102.5	-	25.6	286.3	-	-	27.3	284.5
82	1.21	-	76.8	-	-	-	27.1	70.0	2.0	14.4	158.7	-	5.8	-	169.3
4	-	6.1	27.2	11.5	-	4.4	-	4.8	5.7	29.8	18.6	22.5	13.2	2.3	16.1

5 PROJECT DESCRIPTION

5.1 Existing Operations - Parcels 82 and 4

Annually, an average of 1.0-million tons of aggregate has been produced at the quarry. The aggregate is characterized as either A-Grade, of a quality suitable for ready-mix concrete or hot-mix asphalt, or B-Grade of a quality suitable for structural fill. The yield of the quarry today is approximately 50% A-Grade and 50% B-Grade. Quarry operations are regulated by the Mining Safety Health Administration (MSHA). A copy of Grace's latest MSHA quarterly reporting and a copy of MSHA's 2005 Certificate of Achievement in Safety Award are attached as Exhibit H.

The current quarrying process mauka of the H-1 Freeway is as follows:

Removal of Overburden - The surface layer of overburden, averaging 20 feet in depth and consisting of soils and cinder, is removed in 3- to 5-acre blocks by ripping and stripping with a D-10 Dozer and a 345 Excavator. The removed overburden is either used for berms or ramps within the quarry, or sold as general fill.

Drilling and Blasting - The rock material is extracted by drilling and blasting (shot-rock). The drilling is performed by (2) ECM 720 Rock Drills. Typically a grid pattern of 40 to 80 holes are drilled to a depth of 20- to 40-feet. The controls over explosives used in blasting today are highly sophisticated, and much of the crushing of rock at Makakilo as accomplished in the blasting process. See Exhibit I for company's explosives handling permit. Depending upon the grid pattern and depth, blasts yield between 5,000- and 15,000-tons of shot-rock.

Excavate & Haul - The shot rock is gathered by the 345 Excavator and D-10 Dozer. A 13 cubic yard 990 Front End Loader loads (3) 50 ton Rock Trucks at the quarry face. The Rock Trucks haul the shot rock to the Primary Plant and dump it into a receiving hopper.

Primary Crushing - The Primary Crushing process involves screening off the fines and dirt, then crushing the shot rock to a 12 inch diameter, followed by secondary crushing to a 4 inch "surge" material. The A-Grade surge material is placed on a conveyor belt and transported to the Finish Crushing Plant at the Processing Site via a tunnel beneath the H-1 Freeway. The B-Grade surge is hauled to a nearby finish crushing plant (also called the Recycle Plant) on Parcel 82.

Recycle Plant/B-Grade Finish Crushing - Quarry operations on Parcel 82 also include a recycling program authorized under Zoning Variance 2002/VAR-51. Asphalt and concrete rubble from highway and construction projects on Oahu are brought to the site for processing and re-sale. Approximately 70,000 tons of asphalt and concrete are brought to the site annually and are processed at the Recycle Plant into a blend with virgin B-Grade aggregate for re-use as base course and sub-base course material.

The current quarrying process makai of the H-1 Freeway is as follows:

Finish Crushing and Screening - At the Processing Site (Parcel 4), the A-Grade surge is further crushed and screened at the Finish Crushing Plant and then stockpiled into specification sizes ranging from 1/4 inch to 1 1/2 inches. An adjacent Wash Plant produces products similar to sand.

Batching Plants - The A-Grade aggregate is then used in the production of hot-mix asphalt and ready-mix concrete. The Lower Processing site's hot mix asphalt plant is operated by Grace Pacific, and the ready mix concrete plant is operated by Hawaiian Cement.

5.2 Existing and Proposed Hours of Operation

Existing - Parcel 82

Typically, excavation and crushing occurs from Monday through Saturday between the hours of 6a.m. to 3 p.m. Blasting typically occurs four or five times a week between the hours of 8:00 a.m. and 12:00 noon. The Recycle Plant is currently running a second shift, from 3:00 p.m. to 11:00 p.m. to keep up with market demand. Sales from Parcel 82 are limited to the hours of 7:00 a.m. to 4:00 p.m. Cleanup and maintenance are scheduled from 3:00 p.m. to 6:00 p.m. Occasional night shift paving jobs require incoming hauling (6:00 p.m. to midnight, 60 nights per year) for asphalt pavement rubble.

Proposed - Parcel 82

There will be no change in the hours of operation under this proposal for Parcel 82.

Existing - Parcel 74

There is no activity, other than renaturalization of prior golf course grading cuts, on Parcel 74 today.

Proposed - Parcel 74

As quarrying moves mauka, the hours of operations on Parcel 74 will be the same as those existing on Parcel 82.

Existing - Parcel 4

The hours of operation on Parcel 4 are typically from 6:00 a.m. to 3:00 p.m. Monday through Saturday for crushing and hot mix asphalt production. No crushing operations occur at night. Cleanup and maintenance are scheduled from 3:00 p.m. to 6:00 p.m. On a project by project basis, the hot mix plant may run from 3:00 p.m. to 1:00 a.m. for night shift paving jobs, up to 100 nights per year.

Proposed - Parcel 4

There will be no change in the hours of operation under this proposal for Parcel 4.

5.3 Existing and Proposed Number of Clients

Existing - Parcel 82

Customers are dump trucks owned by Grace Pacific or hired by various contractors and government agencies. There are approximately 80-85 round trip dump truck loads daily to Parcel 82.

Proposed - Parcel 82

There will be no change in the number of dump trucks accessing Parcel 82 under this proposal.

Existing - Parcel 74

There is no sales activity presently on Parcel 74.

Proposed - Parcel 74

All access to the proposed excavation area will be through Parcel 82. In total, under this proposal, traffic on Parcels 74 and 82 will approximate the same number of dump trucks accessing Parcel 82 today.

Existing - Parcel 4

Customers are dump trucks owned by Grace Pacific or hired by various contractors and government agencies. There are approximately 80-85 round trip dump truck loads daily to Parcel 4. Ready-mix concrete mixer truck loads average 5 loads daily.

Proposed - Parcel 4

There will be no change in the number of trucks accessing Parcel 4 under this proposal.

5.4 Existing and Proposed Staff On-Site

Existing - Parcel 82

Primary Plant 19, Recycle Plant 6, Scalehouse 1, Supervisory 2, for a total of 28 Grace Pacific employees.

Proposed - Parcel 82

Under this proposal, there will be no change in the number of employees on Parcel 82. With time, the excavation and haul employees (approximately 11) will move to Parcel 74.

Existing - Parcel 74

At present, there are two employees on Parcel 74, performing landscaping and security duties.

Proposed - Parcel 74

With time, the excavation and haul employees (approximately 11) will move to Parcel 74. In total, under this proposal, the number of employees on Parcels 74 and 82 will approximate the same number of employees as on Parcel 82 today.

Existing - Parcel 4

Finish Plant 7, Asphalt Plant 6, Ready Mix Plant 3, Maintenance Shop 28, Scalehouse 2, Lab & Testing 5, Supervisory 4, Administrative 5, for a total of 57 Grace Pacific employees and 3 Hawaiian Cement employees.

Proposed - Parcel 4

There will be no change to the number of employees on Parcel 4 under this proposal.

5.5 Existing and Proposed Use and Number of Structures

Existing - Parcel 82

The existing structures on Parcel 82 include a primary crushing plant, a recycle/B-grade crushing plant, an employee lounge, and a truck scale. See Figure 9 and Photo F-3 for the location of the structures, and Photo section F-5 for photos of the structures.

Proposed - Parcel 82

Under this proposal the proposed use and number of structures on Parcel 82 will be the same as the existing use and number of structures. The Primary Crushing Plant may be moved closer to Parcel 74 as the active excavation moves mauka.

Existing - Parcel 74

There are no structures on Parcel 74 today.

Proposed - Parcel 74

There are no structures planned on Parcel 74 under this proposal.

Existing - Parcel 4

The existing structures on Parcel 4 include a finish crushing plant, a wash plant, a hot mix asphalt plant, a ready-mix concrete batch plant, a maintenance shop building, a truck scale, an administrative office building, a testing lab building, and an employee training building. See Figure 10 and Photo F-4 for the location of the structures, and Photo section F-6 for photos of the structures.

Proposed - Parcel 4

Under this proposal the proposed use and number of structures on Parcel 4 will be the same as the existing use and number of structures.

5.6 Existing and Proposed Parking Areas

Existing - Parcel 82

On-site parking areas are designated for visitors, employees, and equipment parking. See Figure 9 and Photo F-3.

Proposed - Parcel 82

There will be no change to the existing parking areas on Parcel 82 under this proposal.

Existing - Parcel 74

There are no parking areas on Parcel 74 today.

Proposed – Parcel 74

There will be no parking areas on Parcel 74 under this proposal.

Existing - Parcel 4

On-site parking areas exist for visitors, employees, and equipment parking. See Figure 10 and Photo F-4.

Proposed - Parcel 4

There will be no change to the existing parking areas on Parcel 4 under this proposal.

5.7 Existing and Proposed Grading and Landscaping

Existing - Parcel 82

The existing Grading and Landscape plans for Parcel 82 are described in Sections 2, 4, and Appendix E of the March 2004 Engineering Report (Exhibit J).

Proposed - Parcel 82

The proposed Grading and Landscape plans for Parcel 82 are described in the April 2007 Engineering Report (Exhibit K), and largely reflect the move mauka of the quarry face.

Existing - Parcel 74

Grading Permits for the former golf course development are on file with the City (see Exhibit L). Grace is presently working with the City to have an "As-Built" grading plan accepted in place of the uncompleted plans for the golf development.

Proposed - Parcel 74

The proposed Grading and Landscaping plans for Parcel 74 are described in the April 2007 Engineering Report (Exhibit K). In general, the grading plans call for the removal of 932,000 cubic yards from a 7.6 acre area on Southwest edge of proposed excavation area, and the construction of a berm with 630,000 cubic yards of fill on an 11.5 acre area on the Northeast edge of the proposed excavation area. The purpose for this grading work is to assist in the visual mitigation of the proposed excavation area. The Landscaping plan for the proposed excavation area and the 19 acres affected by visual mitigation follows the principles of the March 2004 plan.

Existing - Parcel 4

The existing Grading and Landscape plans for Parcel 4 are described in the April 2007 Engineering Report (Exhibit K).

Proposed - Parcel 4

This proposal does not affect the grading or landscaping on Parcel 4.

5.8 Existing and Proposed Building Heights

Existing - Parcel 82

The heights of the structures on Parcel 82 are: Primary Crushing Plant, 45 feet; Recycle/B-grade Crushing plant, 27 feet; Employee Lounge, 12 feet; and Scalehouse, 12 feet. The Primary Crushing Plant was constructed under building permit #32769. The Recycle Plant and Truck Scale are construction equipment. The Employee lounge and Scalehouse are portable trailers. See Figure 9 and Photo F-3 for the location of the structures, and Photo F-5 for photos of the structures.

Proposed - Parcel 82

There will be no changes to the heights of the structures on Parcel 82 under this proposal.

Existing - Parcel 74

There are no structures on Parcel 74 today.

Proposed - Parcel 74

There are no structures planned on Parcel 74 under this proposal.

Existing - Parcel 4

The heights of the structures on Parcel 4 are: Finish Crushing Plant, 57 feet; Wash Plant, 40 feet; Hot Mix Asphalt Plant, 61 feet; Ready-Mix Concrete Batch Plant, 80 feet; Maintenance Shop building, 38 feet; Scalehouse, 18 feet; Administrative Office building, 15 feet; Truck Scalehouse 15 feet, Testing Lab building, 22 feet; and Employee Training building, 15 feet.

The Finish Crushing Plant and Wash Plant were constructed under building permits #33572 and #40934. The Hot Mix Asphalt Plant is a portable plant and considered to be construction equipment. The Ready Mix Concrete plant and the Truck Scalehouse were constructed under pre-1978 PC&R permits. The Maintenance Shop, Administrative Office building, and Testing Lab building were constructed under building permits #117626, 131567/207801, and 227048 respectively. The Employee Training building and several other offices are portable trailers. See Figure 10 and Photo F-4 for the locations of the structures, and Photo F-6 for photos of the structures.

Proposed - Parcel 4

There will be no changes to the heights of the structures on Parcel 82 under this proposal.

5.9 Existing and Proposed Setbacks and Buffering

Existing - Parcel 82

See Photo F-3 for the existing setbacks and buffering from adjoining parcels for Parcel 82.

Proposed - Parcel 74

See Photo F-3 for the proposed setbacks and buffering from adjoining parcels for the Proposed Use on Parcel 74. See also, Figure 11 for a cross section view of the relationship of the quarry and the mauka residential area.

Existing - Parcel 4

See Photo F-4 for the existing setbacks and buffering from adjoining parcels for Parcel 4. There will be no changes to existing setbacks and buffers affecting Parcel 4 under this proposal.

6 INFRASTRUCTURE

6.1 Existing and Proposed Wastewater Disposal

Existing - Parcel 82

Parcel 82 is not connected to City wastewater collection and treatment systems. Quarry workers are provided with on-site portable toilets.

Proposed - Parcel 82

There will be no change to the existing waste water disposal system on Parcel 82 under this proposal.

Existing - Parcel 74

Parcel 74 is not connected to City wastewater collection and treatment systems.

Proposed - Parcel 74

As excavation moves mauka into Parcel 74, quarry workers will be provided with on-site portable toilets.

Existing - Parcel 4

Parcel 4 is not connected to City wastewater collection and treatment systems. An Individual Wastewater System (IWS) consisting of three septic tanks and a converted seepage pit serving the restrooms at the Administrative Office building, Truck Scalehouse and Batch plant was installed in June of 2006. See Exhibit M.

Proposed - Parcel 4

There is no change to the existing waste water disposal system on Parcel 4 under this proposal.

6.2 Existing and Proposed Water Facilities

Existing - Parcel 82

Non-Potable water is available to the Parcel 82 via a water line from a well on Parcel 4 (Processing Site). The well is designated State well #2104-01 and pumpage of .168 mgd is allowed under Water Use Permit #664. Conditions of the permit include a requirement to use reclaimed water when available. See Exhibit N. The water is used on Parcel 82 for dust control and for landscaping. Water tank trucks are used to spray water on the roadways, stockpiles, and excavated areas. Details of the renaturalization water consumption plan are included in the Revegetation Matrix of the March 2004 Engineering Report (Exhibit J).

Proposed - Parcel 82

The source and uses of water under this proposal are the same as existing for Parcel 82. Details of the renaturalization water consumption are included in the Revegetation Matrix of the April 2007 Engineering Report (Exhibit K).

Existing - Parcel 74

Under a Decision and Order dated July 13, 2006 in the Waiahole Ditch Combined Contested Case Hearing, PMI was assigned Water Use Permit #775 for .750 mgd of non-potable water for the irrigation of the golf course project. The permit is currently the subject of an appeal by the Windward parties and Hawaii's Thousand Friends as to the July 16, 2006 Decision and Order of the Water Commission.

The Revegetation Matrix and Revegetation Phasing Plan described in Figures 4 and 5 of Appendix E to the April 2007 Engineering Report (Exhibit K) assumes the availability of approximately .200 mgd of water for quarry and revegetation purposes. Of this amount, the Revegetation Plan targets .100 mgd or less for revegetation purposes. This limitation on supply serves as a constraint on the speed by which land graded for visual mitigation purposes may be revegetated. Grace Pacific is in the process of requesting that its current allocation of Waiahole Ditch water of .750 mgd be reduced and allowed for use in revegetating existing and future landscaping needs on the Pu'u Makakilo parcel.

Proposed - Parcel 74

The source and uses of water for Parcel 74 under this proposal are the same as existing for Parcel 82. Details of the proposed renaturalization water consumption are included in the Revegetation Matrix of the April 2007 Engineering Report (Exhibit K).

Existing - Parcel 4

Non-Potable water is available to Parcel 4 from the on-site well described above for Parcel 82. The water is used to supply the finish aggregate wash plant, to supply the quarry water tank trucks and for landscaping. The water tank trucks are used to spray water on the roadways and stockpiles. Details of the renaturalization water consumption plan are included in the Revegetation Matrix of the March 2004 Engineering Report (Exhibit J).

The site is also served by the Board of Water Supply from meters along Farrington Highway. Water usage over the past year has averaged .027 mgd. Approximately one-half of the water usage is for landscaping.

Proposed - Parcel 4

There will be no change to the existing water facilities on Parcel 4 under this proposal.

6.3 Existing and Proposed Traffic and Parking

Existing - Parcel 82

Access to the Parcel 82 is provided by a paved private road (Old Palehua Road) from Farrington Highway via an underpass beneath the H-1 Freeway approximately 4,400 feet north of Grace Pacific's processing site (see Photo F-2). As noted in the discussion of Number of Clients, there are approximately 80- to 85-dump truck round trips daily accessing Farrington Highway. As noted in the discussion of Parking Areas, on-site parking exists for employee and equipment parking.

Farrington Highway, in the Ewa District, is a secondary route for the H-1 Freeway. It connects the two communities of Kapolei and Waipahu, which is separated by a distance of approximately three and one-half miles. The average daily traffic volume on Farrington Highway at the Quarry Access Road is approximately 10,205 vehicles (24-hour count¹). Aside from the trips made between Kapolei and Waipahu, trips on Farrington Highway are also generated by abutting farmlands and a utility station. There are no residential homes that have direct ingress or egress to this segment of the highway.

The peak-hour morning traffic for inbound vehicles along Farrington Highway to Waipahu occurs between 5:45 a.m. and 6:45 a.m. with a volume of approximately 806 vehicles.² The peak-hour outbound morning traffic occurs between 7:00 a.m. and 8:00 a.m. with a volume of 312 vehicles.

The peak-hour afternoon traffic for inbound vehicles to Waipahu occurs between 3:00 p.m. and 4:00 p.m. with a volume of approximately 302 vehicles, and the peak-hour outbound traffic occurs between 4:30 p.m. and 5:30 p.m. with a volume of 520 vehicles. These peak-hour volumes are well below the 2,000 vehicles per hour (two-way) design capacity of Farrington Highway.³

Proposed - Parcel 82

There is no additional traffic or parking infrastructure requirements for Parcel 82 under this proposal.

Existing - Parcel 74

Access to Parcel 74 is by Pueo Nani Street, an undedicated paved roadway. Grace utilizes unpaved roads on Parcel 74 from Parcel 82 for security and landscaping purposes (see Photo F-2).

Proposed - Parcel 74

Under this proposal, the Pueo Nani Street access would not be used for any quarry related purposes. Quarry access will be through Parcel 82 (see Photo F-2). Access across Parcel 74 will follow the 500 foot elevation across the proposed excavation area. There is no additional traffic or parking infrastructure requirements for Parcel 74 under this proposal.

Existing - Parcel 4

Access to Parcel 4 is by Farrington Highway (see Photo F-2). As noted in the discussion of Number of Clients, there are approximately 80 to 85 dump truck round trips daily accessing Farrington Highway. As noted in the discussion of Parking Areas, on-site parking exists for employee, truck and equipment parking (see Figure 3). A description of traffic on Farrington Highway is provided under Parcel 82 above.

¹ 24-hour traffic count, by The Traffic Group, Inc. for State Department of Transportation, (*Feb. 16 & 17, 2006*)

² *ibid.*

³ Typical capacity of two-lane rural road (Highway Design Manual).

Proposed - Parcel 4

There is no additional traffic or parking infrastructure requirements for Parcel 4 under this proposal.

6.4 Existing and Proposed Electrical Power

Existing - Parcel 82

Hawaiian Electric provides power to a substation located on Parcel 4 via 46 KVA lines. At the substation a transformer reduces the voltage to 13 KVA. From the transformer, jacketed lines cross under the H-1 Freeway via the tunnel easement to Parcel 82. The Primary Crushing Plant motors are run by 3-phase 480 volt power. The service is further stepped down to 277 volt for lighting and controls.

Proposed - Parcel 82

There are no additional electrical infrastructure requirements for Parcel 82 under this proposal.

Existing - Parcel 74

There is electrical power available to Parcel 74 at the Pueo Nani Street property line.

Proposed - Parcel 74

There are no additional electrical infrastructure requirements for Parcel 74 under this proposal.

Existing - Parcel 4

Hawaiian Electric provides power to a 46 KVA substation located on Parcel 4 described above. The power is stepped down to 13 KVA and then distributed to all operations on Parcel 4.

Proposed - Parcel 4

There are no additional electrical infrastructure requirements for Parcel 4 under this proposal.

7 NEIGHBORHOOD BOARD

7.1 Grace's Role in the Community

Grace Pacific understands that its continued operations in the Makakilo/Kapolei area depend upon Grace's continuing to operate as a good neighbor. Grace Pacific is sensitive to the impacts of its operations on the continuing growth of Kapolei, Oahu's second city. And Grace is supportive of this growth, contributing funds and services to the community events critical to establishing Kapolei's sense of identity.

7.2 Community Outreach

In May and June of 2006, in preparing for this application, Grace Pacific conducted focus groups with Makakilo and Kapolei residents, and met with the Palehua Community Association and Kapolei Knolls Association to listen to the residents' concerns. The visual impact of the proposal, dust mitigation, possible use of the quarry pit as a landfill, and the end use of the quarry property were the top concerns.

7.3 Neighborhood Board Meetings

In a July 2006 presentation to the Makakilo/Kapolei Neighborhood Board, Grace explained its proposal to continue excavation on the 40 acres immediately mauka of the existing quarry pit. The board members expressed similar concerns as previously heard from the residents. Minutes from the July 26th meeting and notes taken on the questions raised are presented in Section 2 Pre-Application Meeting, Affidavit, and Neighborhood Board Presentation.

Grace spent the next two months modeling three configurations of proposed excavation areas and their resulting visual impacts. The third configuration, while reducing the area for active quarrying from 40 acres to 34 acres, was deemed to best balance the need for rock with the need and effort required to visually mitigate the impact of quarrying further mauka.

In a September 2006 presentation to the Makakilo/Kapolei Neighborhood Board, Grace presented its proposal for the 34 acre excavation area and related visual mitigation, including lowering the ridge on the southwest side of the area by approximately 50 feet and building a berm on the northeast edge of the area of approximately 75 feet. Written notification of the September 27th meeting was given to adjoining property owners. The Board passed a motion to support Grace's plans to modify the current Conditional Use and Special Use Permits by expanding the project lines mauka by a 6-1-0 vote. Minutes from the September 27th meeting and notes taken on the questions raised are presented in Section 2 Pre-Application Meeting, Affidavit, and Neighborhood Board Presentation.

7.4 Concerns Raised and Mitigative Measures

The four significant community concerns raised and Grace Pacific's mitigative measures are as follows:

7.4.1 Visual Impact

The residents wanted to know what the Pu'u would look like during and after the 34 acres were excavated. The concerns center on the appearance of man-made landforms and exposed rock and soil. Grace's approach to visual mitigation for the existing excavation area is described in the Grading Plan and the Revegetation Plan of the March 2004 Engineering Report (see Sections 2, 4, and Appendix E). The key elements of the plans are:

- 1) the use of the existing ridges and man-made berms to screen quarry faces,
- 2) for quarry faces not able to be screened, minimizing the man-made appearance of the final landforms, and
- 3) re-naturalization of the man-made berms and quarried faces with drought tolerant vegetation, mixed and placed to blend with that existing on the Pu'u.

The Proposed Use affords an opportunity an opportunity to improve upon several aspects of the existing Engineering report. The existing excavation area is completely screened from view from the Kapolei Regional Park towards Ko Olina by a ridge on the southwest boundary. This aspect will be retained. A ridge and berm along the H-1 freeway at the 275 foot elevation screens the close-in views from Farrington Highway in the vicinity of Kapolei Knolls around to Palehua Road. This aspect will also be retained.

The intermediate and distant views from the Villages of Kapolei and Kalaeloa (formerly BPNAS) presently are that of a 2,400 foot wide active quarry face with a height of 250 feet (from elevation at 275 feet to 525 feet). The proposed excavation activity will quarry through this face and leave a bowl-shaped landform 700 feet further mauka, complementing the existing bowl of the Pu'u. The exposed face of the bowl (prior to revegetation) will be 200 feet in height (from elevation at 500 feet to 700 feet). The top of the Pu'u is at an elevation of 980 feet. What is presently the quarry face will become the quarry floor (from elevation at 275 feet to 500 feet), which as a landform, will be readily revegetated.

The intermediate and distant views from Ewa and Waipahu, while not viewing the existing active face head-on, will benefit from the move mauka and bowl-shaped final landform.

The weak ridge on the northeast boundary of the proposed excavation area will expose the southwest quarry face on the approach to Kapolei on the H-1 Freeway from Kunia Road to the vicinity of the proposed North South Road Interchange. To mitigate this visual impact, Grace Pacific is proposing to lower the southwest ridgeline by approximately 50 feet in elevation and to build a berm on the northeast ridgeline of approximately 75 feet in height. The net effect of these actions will be to leave no more than 100 feet of the southwest face unscreened. Further, it is planned to grade the unscreened face with slopes ranging from 1:1 to 2:1 (horizontal to vertical slope) to facilitate the revegetation effort.

Examples of the above described views and viewplanes are included in the April 2007 update to the Engineering Report attached to this application as Exhibit K.

7.4.2 Dust From Operations

In a meeting with the Kapolei Knolls Association, several residents expressed concern about dust from the operations at the Processing Site, immediately upwind on a tradewind day. Grace has had a real-time dust monitor in continuous operation on the Knolls property line since 2004. This monitor has consistently showed operations to be in compliance with the hourly and annual fugitive dust standards (PM-10) as enforced by the Clean Air Branch.

To address these concerns, Grace has taken dust samples and installed two additional real-time dust monitors. The dust samples were taken from upwind and downwind locations on the H-1 Freeway and Farrington Highway, from the area downwind of the Finish Plant and from six residences in the Knolls. Although suggesting the dust was of a mix of fine basalt and roadway vehicle emissions from Farrington Highway, the findings were not conclusive. As to the additional dust monitors, one was placed immediately downwind of the Finish Plant, the other was placed in a residential lot in the Knolls. The residential monitor also included a real-time weather station. The intent is to correlate dust settling in the Knolls with the operations at the Processing Site. Analysis of the data collected is being performed at this time.

As to the impact of the Proposed Use on dust from operations, the proposed excavation area will remain surrounded by quarry faces of approximately 200 feet in height, and the operation will be afforded the benefit of moving towards the bowl of the Pu'u. Although the move mauka is in the direction of the Anuheia condominiums and the Castle & Cooke Palehua East project, the Pu'u provides a buffer zone of 2,000 feet horizontally and 250 feet vertically.

7.4.3 Use of the Pit as a Landfill

The question came up several times as to the possibility of placing a landfill in the former quarry pit. While it is the stated desire of Grace Pacific and the James Campbell Company that the property not be used as a landfill, it is beyond Grace's ability to make such a promise. In the way of assurance, Grace did point out that City Council Resolution 03-09 precludes the siting of landfills mauka of the Department of Health's Underground Injection Control line and the Board of Water Supply's No Pass line. It was for this reason that the Mayor's 2003 Advisory Committee on Landfill Siting dropped the Makakilo Quarry from consideration in its identification of potential landfill sites.

7.4.4 End Use of Property

Related to the question on landfill use was the question of the end use of the property. While the Campbell parcel is designated for commercial or residential use, Campbell has not yet determined the end use of Parcel 82. The Grace Parcel is zoned for agricultural use, and deed restrictions limit the options further. It is Grace's intent that Parcel 74 be used as open space for the duration of the quarrying activity. Examples of end uses of quarried properties would include the Telecommunications Park and Hawaiian Waters water park at Palailai, and the parking structure and athletic fields at the UH Manoa lower campus.

8 OTHER IMPACTS

8.1 Public Services

Refuse Collection - Parcels 82 and 74

The generation of solid waste from the quarry will not increase. All waste material from the quarry will continue to be transported off the property by an independent contractor. There are no expected adverse impacts on refuse collection in the Makakilo/Kapolei area arising from activities on Parcels 82 and 74 under this proposal.

Fire Protection and Police Services - Parcels 82 and 74

The Makakilo Quarry is located within existing service areas of the Honolulu Police Department and Honolulu Fire Department. There are no expected adverse impacts on fire protection and police services in the Makakilo/Kapolei area arising from activities on Parcels 82 and 74 under this proposal.

Schools - Parcels 82 and 74

There are no expected adverse impacts on schools in the Makakilo/Kapolei area arising from activities on Parcels 82 and 74 under this proposal.

Parcel 4

There are no expected adverse impacts on refuse collection, fire protection, police services or schools in the Makakilo/Kapolei area arising from activities on Parcel 4 under this proposal.

8.2 Physical, Biological, and Cultural Environment

8.2.1 Natural Landforms - Parcels 82 and 74

The existing quarry lies on the southeast face of Pu'u Makakilo (peak elevation 980 feet), which slopes down toward the H-1 Freeway with a general gradient of approximately 15 percent. The existing quarry occupies the lower portion of the Pu'u above the H-1 Freeway at elevations from 275 feet to 525 feet above sea level. The proposed excavation area occupies the middle portion of the Pu'u, ranging in elevation from 525 feet to 700 feet above sea level. The existing and proposed excavation areas are framed by two ridges extending mauka from the Pu'u with an unnamed gully in the center.

As described above under Proposed Grading and Landscaping, the grading plans call for the removal of 932,000 cubic yards over an 8 acre area on the Southwest edge of the proposed excavation area, and the construction of a berm with 630,000 cubic yards on an 11 acre area on the northeast edge of the proposed excavation area. The purpose for this grading work is to assist in the visual mitigation of the proposed excavation area.

The Revegetation Plan for the proposed excavation area and the 19 acres affected by visual mitigation follows the March 2004 Engineering Report. Elements of the Plan relating to landforms include: the use of the existing ridges and man-made berms to screen quarry faces; and for quarry faces not able to be screened, minimizing the man-

made appearance of the final landforms. The Revegetation Plan has been updated for this proposal and is found in the attached April 2007 Engineering Report (see Exhibit K).

8.2.2 Public Views

The visual impact of the proposed relocation of the excavation area was the identified as a community concern in the outreach stage of developing this proposal.

The visual mitigation plan described in the Revegetation Plan of the March 2004 Engineering Report has been updated for this proposal (see Exhibit K).

Section 2.2.9 of the Ewa Development Plan (EDP) identifies Pu'u Makakilo as an important visual landmark and a significant vista. Exhibit 3.2 of the EDP, which identifies Ewa's scenic resources, includes panoramic views of Pu'u Makakilo looking west from Kunia Road mauka of the H-1 Freeway and looking west from Fort Weaver Road below Farrington Highway.

The Makakilo Quarry is situated within the area defined in the EDP as the Urban Growth Boundary. As an active use that is permitted on lands classified as Agricultural District within this boundary pursuant to approvals originally granted in 1973, the quarry has become an important economic asset for both the Ewa District and the Island of Oahu. Although the EDP's Urban Land Use Map identifies the existing quarry area for future residential development and the proposed expansion area for golf course development, the City approved in 2002 a landscaping plan for the quarry that will preserve the area in open space. In addition in 2005 the conditional use permit for the future Makakilo Golf Course was voluntarily withdrawn by the landowner. Together, these two actions help to ensure that the existing and proposed quarry areas will remain part of the Open Space network that surrounds and includes Pu'u Makakilo.

While both the existing and proposed quarry expansion areas are visible from areas to the south and east of the quarry, the applicant's expansion plan includes significant efforts intended to mitigate its visual impacts. Specifically, the applicant proposes a berm on the eastern side of the quarry to reduce visual impacts on westward facing panoramic views, as well as landscape treatments to diminish the visual contrast between excavated and non-excavated areas as viewed from the south and southeast.

8.2.3 Natural Habitats

Vegetation on the expansion site as well as in the surrounding area is limited in variety. The predominant species include guinea grass (*Panicum maximum*), buffel grass, feather fingergrass (*Chloris radiata*), uhaloa (*Waltheria indica*), kiawe (*Prosopis pallida*), and klu (*Acacia farnesiana*). There are no endangered or threatened native species.

The hot, arid conditions of the site offer little habitat for fauna or wildlife species. Site studies have found that rats and mongoose typically occur in the area. Flyovers by a wide variety of urban avifaunal species, including zebra dove, common myna, house sparrow, house finch, bulbul, and Java finch are common, but none are wholly dependent on the area for foraging or roosting for survival. None are listed as endangered or threatened.

There are no expected adverse impacts on natural habitats at Pu'u Makakilo arising from this proposal.

8.2.4 Historic and Cultural Sites

A surface archaeological reconnaissance was conducted on Parcel 74 by Applied Research Group of Bishop Museum in March 1988 as part of the previous-owner's golf course CUP application. The reconnaissance found no surface remains and, because the potential for subsurface remains was minimal, the study concluded that no testing was warranted. The State Historic Preservation Division of the Department of Land and Natural Resources concurred with the conclusion. The proposed excavation area is within the approved golf course area.

There are no expected adverse impacts on historic and cultural sites at Pu'u Makakilo arising from this proposal.

8.2.5 Flood Hazard

According to the Flood Insurance Rate Maps (FIRM) prepared by the Federal Emergency Management Agency (FEMA), the subject property is located in Zone D. These are areas which flood hazards are undetermined, but are possible. The relocation will not generate any net increase in runoff, erosion, or sedimentation on downslope properties.

Section 3 of the April 2007 update to the Engineering Report (Exhibit K) addresses the impact of the Proposed Use on drainage.

There are no expected adverse impacts on flood hazards in the Makakilo/Kapolei area arising from this proposal.

8.3 Housing, Population and Employment

Adding the proposed excavation area to the existing Makakilo Quarry will not alter the current socio-economic effect of the current operations. Present staff levels will be maintained with no new hiring anticipated. Hence, the proposed expansion will not generate a demand for more employee housing and additional public facilities.

Work activities will be maintained at current levels and, as a result, there will be no demand for new equipment and increased inventory of supplies. With no anticipated expansion of operations or expenditures, there will be no increase in generated personal income and personal spending.

While continuation of quarrying activities under this proposal is not expected to expand the local economy, such continued operations are vital to the health of Oahu's construction industry, as discussed in Section 9.1.4, Beneficial Effect of Proposed Use.

There are no expected adverse impacts on housing, population and employment in the Makakilo/Kapolei area arising from this proposal.

8.4 Parks and Recreation

The continuation of quarrying activities and the use of a portion of Parcel 74 for active quarrying have no direct impact on parks and recreation in the Makakilo/Kapolei area. Although Parcel 74 was planned for an 18-hole golf course in 1988, the lack of a long term supply of irrigation water and unfavorable golf course economics have made completion of the project unfeasible. Few concerns were expressed over the abandonment of the golf project in the community outreach stage of developing this proposal. The community did identify the need for preserving open space. Under this proposal the 277 acres of Parcel 74 designated as buffer zone serve the purpose of preserving open space.

8.5 Community Concerns

Community concerns over the continuation of quarrying activities and the use of a portion of Parcel 74 for active quarrying are discussed in Section 7 Neighborhood Board.

8.6 Other Impacts - Noise, Lights, Dust, Odor, and Vibrations

8.6.1 Noise

The proposed relocation will result in a shift of the noise source location from one area to another within the quarry. Hence, from an intensity of source standpoint, there would be no increase in noise level.

Noise regulations of Chapter 43, Title 11, Hawaii Administrative Rules, Community Noise Control, will apply to the rock extraction activities in the proposed excavation area as well as the existing area. Grace Pacific will continue to comply with those regulations.

The residential community of Makakilo is located to the northwest of the quarry and is shielded by Pu'u Makakilo. Noise from the quarry will not be a significant factor for the residents of that community.

8.6.2 Lights

There is no increase in the level of lighting arising from this proposal. At present Parcel 82 has service lighting for access to the Primary Crusher, truck scale, and employee lounge, and operational lighting for the Recycle Plant night shift production. No lighting is anticipated for the proposed activities on Parcel 74.

8.6.3 Dust

Similar to the noise impacts, fugitive dust generated by quarry activities in the proposed excavation area is not expected to raise the overall dust levels in the quarry.

The Clean Air standards of Chapter 60, Title 11 of the Hawaii Administrative Rules will apply to the rock extraction activities in the proposed excavation area as well as the existing area. Grace Pacific will continue to comply with those regulations.

Grace Pacific is continuing to employ mitigative measures to control dust within the quarry. Standard practices by the operator include frequent sprinkling of water over

active work areas and temporarily halting of quarry operations during strong windy periods. See Exhibit O for a listing of Clean Air Permits.

8.6.4 Odor

There are no odor issues associated with quarry operations. There will be no new odors arising from the relocation of the excavation area.

8.6.5 Vibrations

Grace Pacific regularly monitors its blasting activity with seismographs. No readings have been recorded above acceptable limits. A sample of the analysis of particle velocity versus frequency, using U.S. Bureau of Mines and the Office of Surface Mines formats are included as Exhibit R.