

**Testimony of
Yoichi Ebisu
Y. Ebisu & Associates
SLUC Docket No. A10-787 Maui R&T Partners, LLC.**

In the Matter of the Petition of Maui R&T Partners, LLC. to Amend the State Land Use District Boundary of Lands Situated at Kihei, Island of Maui, State of Hawaii, Consisting of 253.05 Acres from the Agricultural District to the Urban District,
Tax Map Key Nos. (2) 2-2-024: 016 and 017, and (2) 2-2-002: 054 (por.)

My name is Yoichi Ebisu and I am owner of Y. Ebisu & Associates, an acoustical engineering firm. I prepared the *Acoustic Study for the Maui Research and Technology Park* (April 2012) (Included as Appendix M in the Final Environmental Impact Statement). I have worked with Y. Ebisu & Associates providing acoustic engineering services in Hawaii for over 28 years and have more than 42 years total experience. A copy of my resume is attached.

The primary objective of the study was to describe the existing and future traffic noise levels in the environs of the proposed Maui Research and Technology Park (MRTP). Traffic forecasts for 2024 and 2034 were used in the analysis. Traffic noise level increases and impacts associated with the proposed development were determined within the project site as well as along the public roadways which are expected to service the project traffic. A specific objective was to determine future traffic noise level increases associated with both project and non-project traffic. I will briefly summarize the findings of the assessment.

Existing Conditions

The existing background ambient noise levels within the project site are relatively low at the mauka (east) end and moderate on the makai (west) end of the site. Traffic along Piilani Highway controls the background noise levels at the makai end of the project site, and diminishes to inaudible levels at the mauka end of the project site. On the makai side of Piilani Highway, existing noise levels also diminish with increasing distances from Piilani Highway, and are controlled by the traffic on connector roads and South Kihei Road in areas between Piilani Highway and the shoreline.

The existing traffic noise levels in the project environs along Piilani Highway are in the "Significant Exposure, Normally Unacceptable" category, and at or greater than 65 Day-Night Average Sound Level (DNL) at the first row of existing homes on the makai side of the highway. The existing traffic noise levels in the project environs along South Kihei Road are in the "Significant Exposure, Normally Unacceptable" category, and at or greater than 65 DNL.

within 61 to 67 feet of the roadway's centerline. Along the lower volume connector streets, existing noise levels are in the "Moderate Exposure, Acceptable" category, and less than 65 DNL at 50 feet or greater distance from the roadways' centerlines.

Potential Impacts and Mitigation

The existing and future noise levels in the vicinity of the Project were evaluated for their potential impacts and their relationship to current FHA/HUD noise standards for noise sensitive land uses. The traffic noise level increases along the roadways servicing the project site were calculated. Significant increases in traffic noise levels at noise sensitive properties are not expected to occur as a result of the project traffic following build-out by CY 2024 and 2034.

Along Piilani Highway fronting the project site, traffic noise levels of approximately 70 DNL are expected to increase to approximately 71 to 72 DNL at 100 foot distance from the centerline by CY 2024 as a result of project and non-project traffic. By CY 2034, traffic noise levels along Piilani Highway are expected to be reduced to existing noise levels following completion of the proposed north-south collector road on the mauka side of the project site.

The largest increases (1.5 to 10.4 DNL) in project related traffic noise are predicted to occur along Lipoa Parkway, East Welakahao Street east of Piilani Highway, and along Lipoa Street west of Piilani Highway. Adverse traffic noise impacts along Lipoa Parkway and East Welakahao Street are not expected to occur since noise sensitive developments are not planned to be located along those two roadways. The noise sensitive buildings along Lipoa Street west of Piilani Highway have adequate setback distances from Lipoa Street, such that predicted CY 2024 and CY 2034 traffic noise levels should remain in the "Moderate Exposure, Normally Acceptable" category at these buildings. For these reasons, traffic noise mitigation measures should not be required.

The project site is planned such that noise sensitive residential uses of the project are situated at very large setback distances from Piilani Highway, where existing and future traffic noise levels are predicted to be less than 61 DNL. The large buffer distances to the highway will allow for the use of naturally ventilated buildings on the project site.

The dominant traffic noise sources in the project environs will continue to be traffic along Piilani Highway and South Kihei Road. In addition, the addition of the proposed north-south collector road mauka of the project will increase the existing background ambient noise levels at the mauka end of the project site and along the proposed corridors of the collector road and connecting roadways.

Unavoidable, but temporary, noise impacts may occur during construction of the proposed project, particularly during the excavation and earth moving activities on the project site. Because construction activities are predicted to be audible within the project site and at nearby properties, the quality of the acoustic environment may be degraded to unacceptable levels during periods of construction. Mitigation measures to reduce construction noise to inaudible levels will not be practical in all cases, but the use of quiet equipment and compliance with State Department of Health construction noise regulations are recommended as standard mitigation measures. The incorporation of State Department of Health construction noise limits and curfew times are applicable throughout the State. Noisy construction activities are not allowed on Sundays and holidays, during the early morning, and during the late evening and nighttime periods under the DOH permit procedures.

I have reviewed the revised Traffic Impact Analysis Report (TIAR) dated February 2013 for the subject project and compared this to the TIAR prepared previously in February 2012. The February 2012 TIAR was the basis for the analysis of traffic related acoustic impacts that I prepared for this project in April 2012. Although the revised TIAR includes additional roadway intersections and additional future scenarios, the expected future traffic volumes with or without the project have not changed significantly. Hence, although the acoustic study for this project has not been revised to specifically reflect the revised TIAR, based on the relatively small differences in the expected traffic volumes; it is unlikely that the acoustic quality results and conclusions would change significantly. It is my professional opinion that further acoustic analysis for this project is unnecessary.

Y. EBISU & ASSOCIATES
CURRICULUM VITAE OF YOICHI EBISU, P.E.

EDUCATION: B.S. in Electrical Engineering, University of Hawaii, 1965
M.S. in Electrical Engineering, University of Hawaii, 1969

REGISTRATION: Registered Professional Engineer, State of Hawaii, 1977

PROFESSIONAL AFFILIATION: Member of National Society of Professional Engineers

EXPERIENCE 1985 TO PRESENT: Principal and Owner of Y. Ebisu & Associates, Acoustical and Electronic Engineers. Provides services such as: airport noise studies and highway traffic noise studies; noise impact assessments; recommendations and design calculations on architectural projects; modeling and design calculations for air conditioning and mechanical equipment noise abatement; computer model simulation of airport, highway, stationary sources, and combined source noise contours; expert witness testimony; design of sound reinforcement and intercom systems; and design of electronic and video systems.

1979 TO 1984: Vice-President of Darby-Ebisu & Associates, Inc., Acoustical Consultants. Provided consultant services related to airport, highway, industrial, and building noise sources. Provided expert witness testimony in civil and land use proceedings, and provided enforcement support services to City Building Department. Designed SEATAC Airport Noise Monitoring System, and provided design and maintenance services for HIA Airport Noise Monitoring System.

1976 TO 1979: Associate of Ronald A. Darby & Associates. Provided acceptance testing services on the HIA Airport Noise Monitoring System software and computer. Supervised aircraft noise data collection efforts using HIA system. Developed site ranking algorithm for noise impacts from general aviation airports studied under OGAMPS.

1971 TO 1976: Senior Research Scientist, LTV Aerospace and Defense Company (formerly Vought Corporation, Advanced Technology Center). Served as Lead Analyst for towed underwater acoustic arrays under contract to Commander THIRD Fleet, Pearl Harbor. Also evaluated and reported the performances of other active and passive Antisubmarine Warfare (ASW) acoustic sensor systems. Designed and implemented underwater acoustic electronic hardware for tracking sonobuoys at PMRF, Barking Sands, Kauai.

1969 TO 1970: Electronic Engineer, assigned to USAECOM (U.S. Army Electronics Command), New Jersey. Project Engineer on task involving secure voice transmissions via voice bandwidth radio links. Principal investigator on task involving FSK data transmission on U.S. Army Missile Command Link. Consultant Electronic Engineer to Production and Procurement Directorate, USAECOM, for evaluation, modifications, and testing of an Army data modem.

1965 TO 1968: Research Scientist, LTV Aerospace and Defense Company (formerly LTV Research Center, Hawaiian Division). Developed acoustic ray tracing computer program for studying the effects of direct and reflected underwater sound paths. Designed acquisition, reduction, and analysis systems for handling ships' signature, ambient noise, convoy radiated noise, submarine radiated noise, and explosive sound source data. LTV Field Engineer on project involving acoustic location of ballistic missile re-entry impact at Kwajalein Atoll, and on project involving ASW devices on Molokai, Hawaii.

AWARDS: Army Commendation Medal "for exceptionally meritorious performance of duty as an Electronic Engineer, Communications/ Automatic Data Processing Laboratory, USAECOM, Fort Monmouth, New Jersey."

AIRCRAFT AND AIRPORT NOISE PROJECTS: Kahului Airport Master Plan and 14 CFR Part 150 Noise Study (2011). R.M. Towill Corporation.

Kona International Airport At Keahole Master Plan Update EIS (2011). Wilson Okamoto Corporation.

Honolulu International Airport Master Plan Update EIS (2011). Wil Chee - Planning & Environmental, Inc.

MCBH Kaneohe Aviation Plan EIS (2009). Belt Collins Hawaii.

Lihue Airport FAR Part 150 Study Update (2006). Wilson Okamoto Corporation

Hilo International Airport Noise Monitoring System (2005). EKNA Services, Inc.

FAA ILS At Kalaeloa Airport Acoustic Study, Kapolei, Oahu, Hawaii (2004). Native American Technology Corporation

Lihue Airport Heliport Facility (2002). KSF, Inc.

Hilo International Airport Improvements Environmental Assessment (2001). Wilson Okamoto & Associates, Inc.

Lanai Airport FAR Part 150 Noise Compatibility Study (1998). KFC Airport Inc.

Honolulu International Airport Noise Monitoring System Upgrade (1999). Edward K. Noda & Associates, Inc.

Hilo International Airport FAR Part 150 Noise Compatibility Study (1998). Wilson Okamoto & Associates, Inc.

Lihue Airport EIS (1998). Wilson Okamoto & Associates, Inc.

Proposed Makena Heliport (1998). Blue Hawaiian Helicopters

Hana Airport FAR Part 150 Noise Compatibility Study (1997). Urban Works

FAA TRACON Expansion, Hickam, AFB (1997). Sverdrup Environmental

Waikoloa Heliport Noise Contours (1997). Blue Hawaiian Helicopters
Keahole-Kona International Airport FAR Part 150 Noise Compatibility Study (1995). Keahole Associates, Inc.

Princeville Airport Master Plan and FAR Part 150 Study (1995). KFC Airport, Inc.

Measurements of MEDEVAC Helicopter Noise (1994). Mercy Ambulance Service Hawaii, Inc.

NAS, Barbers Point Airport Master Plan and Noise Compatibility Study (1994). Aries Consultants, Ltd.

Kahului Airport FAR Part 150 Update (1994). Belt Collins Hawaii.

Saipan International Airport FAR Part 50 Study (1993). KFC Trans International, Inc.

Acoustical Expert Witness Services, SLUC Hearing on Kahului Airport Boundary Amendment (1993). State Department of Transportation, Airports Division.

Study of Lihue Airport Noise at Kauai Lagoons (1992). Wailea Resort Company, Ltd.

Aircraft Noise Study for VRC-50 Relocation, Andersen AFB (1992). Belt Collins & Associates.

Noise Study for Kenai Mauna Kea Heliport (1992). Kenai Air Hawaii, Inc.

EIS for Kauai Inland Heliport Facility (1991). Wilson Okamoto & Associates, Inc.

Runway 2-20 Repair Project - Kahului Airport (1991). Richard M. Sato & Associates, Inc.

Acoustical Expert Witness Services, LUC Hearing on Lanai Airport Boundary Amendment (1991). State Department of Transportation, Airports Division.

Renewal of Use Permit for Volcano Heliport, Kilauea, Hawaii (1991). Manuiwa Airways, Inc.

People Mover Vibrations, New Interisland Terminal Complex (1990). Walter Leong & Associates, Inc.

Ko Olina Helipad (1990). Wilson Okamoto & Associates, Inc.

Molokai Airport FAR Part 150 Study (1989). Engineering Concepts, Inc.

Kahului Airport Master Plan and EIS (1989). Pacific Planning & Engineering, Inc.

Site Selection Study for Kauai Inland Heliport (1989). Wilson Okamoto & Associates, Inc.

State Helicopter System Plan Study (1988). Wilson Okamoto & Associates, Inc.

Acoustic Study of Potential Noise Impacts at Lihue Helicopter Facility for SEIS (1988). Akinaka & Associates

Lanai Airport FAR Part 150 Study (1988). Park Engineering

Port Allen Airport Master Plan (1988). Wilson Okamoto & Associates, Inc.

Princeville Airport Noise Study (1987). KFC Airport, Inc.

Lihue Airport FAR Part 150 Airport Noise Study (1987). Wilson Okamoto & Associates, Inc.

Kahului Airport FAR Part 150 Study (1987). Belt Collins & Associates

General Lyman Field Master Plan and FAR Part 150 Airport Noise Study (1986). Belt Collins & Associates

Development of 1985 and 2005 Noise Contours for Keahole Airport (1986). State Department of Transportation, Airports Division

Study of Single Event Noise Impacts of Aircraft Overflights in Ewa, Oahu (1986). AMFAC, Inc.

Post Construction Aircraft Noise Reduction Attributable to the New Runway 35/17, Lihue Airport, Kauai (1984). State Department of Transportation, Airports Division

Evaluation of Potential Aircraft Noise Impacts from the Proposed Mahinahina Airport, Kahana, Maui (1984-1985). Hawaiian Airlines

Noise Measurements & Analyses of Aircraft Overflights at Paia, Maui (1983). State Department of Transportation, Airports Division

Evaluation of Possible Noise/Vibration Impacts Resulting from Proposed Charter Operations of the Concorde at HIA, Oahu (1983). State Department of Transportation, Airports Division

Noise Barrier Assessment Study, Proposed Interisland Terminal Facility, HIA, Oahu (1981). State Department of Transportation, Airports Division

Noise Assessment Study, Poamoho General Aviation Airport, Oahu (1981). State Department of Transportation, Airports Division

**DESIGN AND
ENGINEERING
SERVICES:**

Polynesian Cultural Center Emergency Generator (2012). Kotaro Koizumi Architect AIA.

U.H. At Manoa, Sakamaki Hall 1 & 2 Floor Renovations (2012). KYA Design Group.

Meeting Room Acoustics, First Assembly of God (2012). First Assembly of God, Hawaii.

HMSA Ground Floor Meeting Room (2012). Hawaii Medical Service Association.

Halekauwila Place (2012). Stanford Carr Development.

Onizuka Space Center Museum (2012). KYA Design Group.

Halekulani Hotel Kitchen Exhaust Fan (2012). Halekulani Corporation.

Leisure Estates WWPS (2012). HDR, Inc.

MC310-T Iwakuni SAC Facility (2012). WTN Architecture.

Honua Kai Resort and Spa (2012). Intrawest.

Straub Palama Urology Examination Rooms (2012). Hawaii Pacific Health.

Ho Siu Pool Shed (2012). Pacific Asia Design Group, Inc.

Kaneohe -Kailua Gravity Tunnel Facilities Noise Control (2012). Wilson Okamoto Corporation.

Civic Center Parking Structure Generator (2012). ECS, Inc.

Hippo Exhibit, Honolulu Zoo (2012). The Limtiaco Consulting Group.

Recreation Room, Shriners Hospital for Children (2012). Shriners Hospital.

Straub Clinic & Hospital Vacuum Pump (2012). Architects Hawaii, Ltd.

Wailea MF-11 Multifamily Project (2012). Armstrong Development, Ltd.

Castle Memorial Hospital AHU Addition (2012). Thermal Engineering Corp.

Moana Surfifer Penthouse Renovations (2012). Pacific Asia Design Group, Inc.

Hawaiian Telcom Kamuela CO (2011). Engineering Dynamics Corp.

Hawaiian Telcom Waimea CO (2011). InSynergy Engineering, Inc.

Hale A`O Addition & Renovations (2011). KYA Design Group.

Waianae Comprehensive Health Center (2011). Kober, Hanssen, Mitchell Architects.

HECO Kapolei Substation (2011). Hawaiian Electric Company.

Makalapa Elementary School Music Room (2011). Makalapa Elementary School.

U.H. At Manoa New Recreation Center (2011). Ushijima Architects, Inc.

MC 212-T High School, Iwakuni, Japan (2011). WTN Architecture, Inc.

Heeia Wastewater Pump Station Improvements (2011). SEY Engineers.

Hyatt Place Waikiki (2011). Group 70 International.

U.H. At Manoa, Arch 205 and Art 132 Auditoriums (2011). CJS Group Architects, Ltd.

Submarine Bridge Trainer (2011). Architects Hawaii Ltd.

Hawaii Baptist Academy High School 3-Story Classroom Building (2011). Group 70 International.

NPDES Improvements At Waialua Corporation Yard (2011). Kennedy/Jenks Consultants.

Ho Siu Residential A/C Condenser (2011). Asia Pacific Design Group, Inc.

Arcadia Retirement Residence Emergency Generator (2011). Arcadia.

Maui Countywide WWPS; Kihei, Puumana, and Hyatt (2011). HDR, Inc.

Kamehameha School Kapalama Campus Fire Alarm Systems Upgrade (2011). MK Engineers, Ltd.

U.H. At Manoa Snyder Hall Renovations (2011). John Hara Associates, Inc.

SBA/USCG/FBI Offices at Waterfront Plaza (2010). Ferraro Choi and Associates Ltd.

U.H. Manoa Campus Center (2010). Mechanical Enterprises, Inc.

Kaimuki High School Media Center Renovation (2010). Robert Freeburg AIA Associates.

Atkinson Tower IIC Criteria Document (2010). Atkinson Tower BOD.

Lihue Radio Facility Emergency Generator (2010). Ronald N.S. Ho & Associates, Inc.

University of Hawaii At Hilo Theater Building (2010). Okahara & Associates, Inc.

Wailuku Radio Facility Emergency Generator (2010). ECS, Inc.

Christ United Methodist Church (2010). Christ United Methodist Church.

St. Elizabeth Church (2010). St. Elizabeth Church.

Aloha Stadium PA System Upgrades (2010). Architects Hawaii Ltd.

Lanikea At Waikiki (2010). Richard H. Lachmann, Esq.

Meadow Gold Rooftop Condenser (2010). Meadow Gold.

Lanai High and Elementary Schools (2010). Collaborative Studio LLC.

Clarenc T.C. Ching Complex, Phase I, U.H. At Manoa (2010). Mitsunaga & Associates, Inc.

BWS Waiiau 285 Wells and Booster Station Renovation (2010). Ronald N.S. Ho & Associates, Inc.

Kailua Corporation Yard (2010). Kennedy / Jencks Consultants.

Halawa Baseyard Facility (2010). Ronald N.S. Ho & Associates, Inc.

Kapolei Hale, Replace AHU's (2010). Okahara & Associates, Inc.

Halekulani Hotel Elevators (2010). Halekulani Corporation.

Wheeler AFB Pump House 4 (2010). Su-Mo Builders.

U.H. Edmondson Hall Upgrades (2010). Group 70 International.

Ft. Shafter Generator Pump Building (2010). Sato & Associates, Inc.

Training Support Center, Sagami, Japan (2009). MMJ Associates.

Kauai Lagoons Affordable Housing Project (2009). Armstrong Builders.

Camp Smith New Generator Building (2009). HHMI Corporation.

Toshiba MRI Installation At Ala Moana Building (2009). Arcadia Architecture, Inc.

Heeia Wastewater Pump Station Improvement (2009). SEY Engineers, Inc.

New Generators for Kuakini Hospital (2009). Electricians, Inc.

Hilo High School Gymnasium (2009). Kober Hanssen Mitchell Architects, Inc.

Liberty Dialysis Maui Lani Generator (2009). CKM Architects LLC.

Kalaheo Elementary School New Administration Building (2009). Anbe, Aruga & Ishizu Architects Inc.

The Plaza At Mililani (2009). Sound Building Systems Hawaii, Inc.

Lihue Library Chiller Improvements (2009). Yamasato, Fujiwara, Higa & Associates, Inc.

Conference Room Reverberation (2009). Y. Hata & Co., Limited.

Bishop Memorial Chapel Sound System (2009). Electech Hawaii, Inc.

KAZOO Radio Station Studios (2009). KAZOO Radio Station.

Makalapa Elementary School Cafeteria (2009). Awa & Associates LLC.

Asian Pacific Center, Fort DeRussy (2009). INK Architects LLC.

HMSA 9th Floor Exhaust Fans (2009). Thermal Engineering Corporation.

Market City Foodland (2009). Foodland Super Market Ltd.

Keali'i Ocean Villas (2009). Young & Madigan, S.C.

Dean's Office Partition, Holmes Hall (2009). UH Engineering Foundation.

Wheeler East Range Pump House #4 (2009). MK Engineers, Ltd.

Washington Place Emergency Generator (2009). ECS, Inc.

MCAS Iwakuni Housing Noise Attenuation (2009). MMJ Associates.

Eleele Wastewater Treatment Plant Emergency Generator (2009). RM Towill Corporation.

Consuelo Office Window Noise Attenuation (2009). Consuelo Zobel Alber Foundation.

Waikalua Wastewater Pump Station Emergency Generator and Ventilation System (2009). SEY, Inc.

GSA USCIS Tenant Spaces, Waterfront Tower Plaza (2009). Fung Associates, Inc.

BEQ Buildings #1492, Pearl Harbor and #229, Wahiawa (2009). Architects Pacific, Inc.

Waimea Wastewater Treatment Plant Expansion, Phase 1 (2009). RM Towill Corporation.

Royal Iolani Condominium Field IIC Tests (2009). Royal Iolani Condominium.

U.H. Biomedical Sciences Building Renovation of Court A (2009). Architects Hawaii Ltd.

BEQ at MCBH, Kaneohe (2009). Architects Pacific, Inc.

Wailuku II Elementary School (2009). Group 70 International.

Hawaii National Bank Finishes (2009). John Hara Associates, Inc.

USAF PACAF Command Center Building Renovations (2009). RIM Architects.

Pearl City Public Library (2008). Okahara & Associates, Inc.

Kaimana Lanai Apartments (2008). InSynergy Engineering, Inc.

Nauru Tower Condominium (2008). Pressler Engineering, Inc.

TAMC Kyser Auditorium (2008). Mechanical Enterprises, Inc.

Kaimuki Servco Auto Service Center (2008). Servco Pacific.

Maui Countywide Wastewater Pump Stations (2008). HDR, Inc.

Waiulaula At Mauna Kea Resort (2008). WCIT Architecture.

Kalanimoku Building Replace AHU's (2008). Okahara & Associates, Inc.

Maui Waena Middle School Choral Room (2008). Kober Hanssen Mitchell Architects, Inc.

Fasi Municipal Building Emergency Generator (2008). Ronald N.S. Ho & Associates, Inc.

Hokulani Elementary School (2008). Robert Freeburg AIA.

Honolulu Seawater Air Conditioning (2008). Insynergy Engineering.

Kapolei Inline Hockey Arena (2008). Pentecost Hawaii, LLC

BWS Manana Yard IT Disaster Recovery Center (2008). Yamasato, Fujiwara, Higa & Associates, Inc.

Princeville Resort Spa (2008). Group 70 International.

Haseko - Fairway's Edge (2008). Haseko (Hawaii) Inc.

Makai Golf Clubhouse, Princeville Resort (2008). Group 70 International.

Queen's Hospital Kekela Building (2008). Anbe, Aruga & Ishizu Architects, Inc.

Police Training Indoor Firing Range (2008). PER Inc.

Grace Bible Church Band Practice Rooms (2008). Grace Bible Church.

Waipahu Elementary School New 8-Classroom Building (2008). Pacific Architects, Inc.

Haseko Area IV Hoakalei Town Homes TH 41 and TH 42 (2008). Hoakalei Residential, LLC

C-More Addition to Biomedical Science Building (2008). Group 70 International.

Odor Control Blowers, Kailua Wastewater Treatment Plant (2008). Brown and Caldwell.

Honolulu International Airport 10 MW Generator Facility (2007). Insynergy Engineering.

BWS Kuliouou Line Booster System (2007). Ronald N.S. Ho & Associates, Inc.

New Offices Below Gym At Hawaii Baptist Academy (2007). Group 70 International.

Study of New Roof Replacement for Aloha Stadium (2007). SSFM International, Inc.

MRI Treatment Room At Restaurant Row (2007). Architects Pacific, Inc.

HMSA (Keeaumoku) 750 KW Emergency Generator (2007). Thermal Engineering Corporation.

HFS Federal Credit Union Main Corporate Office (2007). Charles S.U. Aina Jr., Inc.

U.H. Biomed Renovation for Cage Wash and Hydrolysis Unit (2007). Kimura/YBL & Associates, Ltd.

Queen's Medical Hospital 10 MW Emergency Generator Facility (2007). The AES Design Group, Inc.

West Kalaeloa Pump Station and Force Main (2007). RM Towill Corporation.

Mohouli Street Fire Station (2007). Anbe, Aruga & Ishizu Architects, Inc.

Enchanted Lakes Wastewater Pump Station Upgrade (2007). Okahara and Associates, Inc.

Beachwalk Emergency Bypass Force Main (2007). RM Towill Corporation.

Straub Hospital MRI (2007). Architects Pacific, Inc.

Ala Wai Garden Plaza (2007). SBI Hawaii Property One, Inc.

Ukelele Practice Rooms (2007). Hitchhike Record..

Mililani Wastewater Treatment Plant 40 KW Generator (2007). HDR, Inc.

Hawaii Carpenter's Union Training Facility (2007). Yamasato, Fujiwara, Higa & Associates, Inc.

Lahaina Wastewater Pumping Station No. 1 (2007). HDR, Inc.

BWS Wailupe Line Booster System Improvement (2007). Ronald N.S. Ho & Associates, Inc.

Lualualei Line Booster System Improvements (2007). Okahara & Associates, Inc.

HECO Makakilo Substation Noise Abatement (2007). Hawaiian Electric Company.

Koloa Estates Wastewater Pump Station 30 KW Generator (2007). RM Towill Corporation.

Kinau Hale Emergency Generator (2007). ECS, Inc.

HMSA (Keeaumoku) Building Ground Floor AHU Replacement (2007). Thermal Engineering Corporation.

Generator Improvements At Various Police Facilities (2007). Ronald N.S. Ho & Associates, Inc.

HMSA (Keeaumoku) Ground Floor, Customer Service Area (2007). Thermal Engineering Corporation.

Fume Hood Improvement At Marine Science Building (2007). Awa & Associates LLC.

ARDEL, Pacific Missile Range Facility (2007). Architects Pacific, Inc.

Healthcare Realty Trust - Medical Office Building (2007). Architects Hawaii Ltd.

Mauna Lani Foodland (2007). Foodland Super Market Ltd.

Waikapoli WWPS Upgrade (2006). Hawaii Pacific Engineers, Inc.

ABC Store #77, Waikoloa (2006). ADM Retail Planning & Architecture, Inc.

Ground Floor Renovations, Hamilton Library (2006). Kimura/YBL & Associates, Ltd.

Kai Makani Condominium (2006). Armstrong Builders Ltd.

SKC Kapahulu Building Rooftop A/C (2006). Kuro Builders, Inc.

Hokua Transformer Noise (2006). Junko Yasuhara

Manele Sewage Pump Station "C" (2006). R.M. Towill Corporation

Beach Villas At Ko O`lina (2006). Centex Destination Properties

Kahului Office Building, 33 Lono Avenue (2006). C.B. Richard Ellis

Mililani High School Building K & M (2006). Thermal Engineering Corp.

Kona Oasis, Kona (2006). Maui Architectural Group

Kai Ani Village, Kihei (2006). Triad Ventures

Kukui`Ula WWTP (2006). Austin, Tsutsumi & Associates, Inc.

St. Peter and Paul Church Renovations (2006). Mason Architects, Inc.

Nohona Kai ACCU (2006). Alakea Design Group, LLC

Manele Pavilion, Lanai (2005). Pacific Asia Design Group, Inc.

U.H. Hilo Komohana Agricultural Complex (2005). John Hara Associates, Inc.

Kalakaua & Porter Theater, Schofield Barracks (2005). INK Architects, Inc.

Pump Building Renovation, BWS Pearl City Wells I (2005). Mitsunaga & Associates, Inc.

Science Learning Center PA System At Bishop Museum (2005). Bishop Museum

The Villas At Kehalani (2005). Alakea Design Group, LLC

Two New AHU's for Makai Wing, Kuakini Hospital (2005). ADM Retail Planning & Architecture, Inc.

Mauka Lani Elementary School New 8 Classroom Building (2005). Mitsunaga & Associates, Inc.

Hamilton Library Chiller Plant and Transformer Building (2005). Kimura/YBL & Associates, Ltd.

Kalanimoku Building Chiller and Cooling Tower Replacement (2005). HSI Mechanical

Kulalani Condominium (2005). Alakea Design Group, LLC

4433 Kahala Avenue Residence (2005). Pacific Atelier International

Ke Kailani Villa (2005). Group 70 International

Hawaii Kai Baptist Church Renovation (2005). Group 70 International

Moana Kai STC and IIC Tests (2005). D.R. Horton - Hawaii Division

Makana Kai At Wehilani (2005). Design Partners, Inc.

Hali`i Kai, Waikoloa Ocean Village (2005). Group 70 International

P.O.S.T. Building - U.H. 6th Floor Isotope Lab (2004). Thermal Engineering Corp.

Anderson Residence - Hilo, Hawaii (2004). ZAK Architecture

ABC Store No. 72 at Lewers St. and Kuhio Ave. (2004). ADM Retail Planning & Architecture.

Aliiolani Hale; Air Conditioning System (2004). DMT Consultant Engineers.

ABC Store No. 54 at Lauula St. and Royal Hawaiian Ave. (2004). ADM Retail Planning & Architecture.

Kukio Golf and Beach Club Central Plant (2004). Kukio Golf and Beach Club.

Wailea Parcel MF-8, Wailea, Maui (2004). Armstrong Builders, Ltd.

MACC - Administration/Maintenance Building (2004). John Hara Associates, Inc.

Waipahu High School; New 8 Classroom Building (2004). Mitsunaga & Associates, Inc.

Noelani Elementary School Cafeteria PA System (2004). Matsumoto Santa Maria Architects, Inc.

Hawaii Baptist Academy Middle School (2004). Group 70 International.

Nihilani Village, Princeville, Kauai, Hawaii (2004). Brookfield Homes.

BYUH, Laie TV Studio, Oahu, Hawaii (2004). PLA Incorporated.

Dog Kennel at Schofield Barracks, Hawaii (2004). Yamasato, Fujiwara, Higa & Associates, Inc.

The Uplands at Mauna Kea, Kailua-Kona, Hawaii (2004). Maryl Group, Inc.

FIDS and PA System Upgrade, HIA (2004). Ronald N.S. Ho & Associates, Inc.

Sheraton Waikiki Ballroom (2004). Cedric Chong & Associates.

U.H. Law School Interior Improvements (2004). Awa & Associates.

St. John Vianney Church, Kailua, Oahu (2004). Lively Architects

The Manele Bay Hotel Renovation, Lanai (2004). Pacific Asia Design Group, Inc.

The Lodge at Koele Renovation, Lanai (2004). Pacific Asia Design Group, Inc.

Renovation of Conference Room, Building 101, Fort Shafter, Oahu, Hawaii (2004). Yamasato, Fujiwara, Higa & Associates, Inc.

Classified Conversation, Building T-115, Fort Shafter, Oahu (2004). Bonded Construction Co.,Ltd.

Ka'ahumanu Elementary School, Building D (2004). Thermal Engineering Corporation.

Pacific Warfighting Center, Ford Island, Oahu, Hawaii (2004). Architects Pacific Inc.

Hale Pulma Mau - Kuakini Hospital Generators (2004). Architects Pacific Inc.

Honouliuli WWTP Emergency Generator (2003). Architects Pacific, Inc.

Kamehameha Schools, Kapalama Campus, Ke'elikani Auditorium A/C System (2003). Yamasato, Fujiwara, Higa & Associates, Inc.

HECO Pukele 138 KV Substation Transformer, Palolo Valley (2003). Hawaiian Electric Company, Inc.

Diamond Head Apartments Exhaust Fan; Unit 1203 (2003). Diamond Head Apartments Ltd.

Ewa Beach Wastewater Pump Station (2003). Thermal Engineering Corp.

Police Training Academy Firing Range (2003). Sam Chang Architect & Associates, Inc.

Taki Residence (2003) John Hara Associates, Inc.

Tokai University, Six Floor Interior Renovations (2003). Yamasato, Fujiwara, Higa & Associates, Inc.

Washington Intermediate School Cafeteria ADA Improvements (2003). Awa & Associates LLC

HECO Upper Kipapa Substation, Mililani Mauka (2003). Hawaiian Electric Company, Inc.

HECO Waimanalo Beach Substation Transformer (2003). Hawaiian Electric Company Inc.

BWS Makakilo Booster No. 3 and No. 4 Renovations (2003). Okahara & Associates, Inc.

Keaau Middle School Band Building (2003). Anbe, Aruga & Ishizu, Architects, Inc.

Kahala Mall Coldwell Banker Office Building (2003). Cobeen, Tsuchida & Associates, Inc.

ACCU Noise Attenuation; Kolea Phase II - 12 Plex (2003). Group 70 International

Lucas Residence (2003). John Hara Associates, Inc.

Kawananakoa Middle School, Building "C" Practice Rooms (2003). Phillip Y. Ihara and Associates

HECO Waialua Substation Transformers (2003). Hawaiian Electric Company, Inc.

Kahn Residence (2003). Darcey Builders, Inc.

Queen's Medical Center, General Service Building, (2003). Anbe, Aruga & Ishizu Architects, Inc.

ABC Store No. 35, Lemon Road, Honolulu (2003). ADM Retail Planning & Architecture

Kuakini Medical Center Emergency Generator (2003). Architects Pacific, Inc.

Park Residence, Diamond Head (2003). John Hara Associates, Inc.

ABC Store No. 23, Hyatt Regency Waikiki (2003). ADM Retail Planning & Architecture

Island Colony Emergency Generator (2003). AOA Island Colony

Kauikeaouli Hale, A/C Chiller Replacement (2003). Mechanical Engineers of Hawaii Corp.

Noise Barrier for H-1 Widening, Westbound Direction At Waimalu Viaduct (2002). R.M. Towill Corporation

Fort Weaver Road Widening At Laulaunui Street (2002). KN Consulting Services, Inc.

Religious Ministries Facility; Marine Base, Kaneohe (2002). Yamasato, Fujjwara, Higa & Associates, Inc.

Hannibal Tavares Community Center Meeting Room (2002). Hiyakumoto & Higuchi Architects, Inc.

The Colony, Hawaii Kai (2002). McLarand Vasquez Emsiek & Partners, Inc.

Queen Emma Tower, 5th and 6th Floors, Queen's Hospital (2002). Anbe, Aruga & Ishizu, Architects, Inc.

MRI Installation at Kaheka Professional Building (2002). Architects Pacific, Inc.

Hale Wainani Elevator Modernization, Emergency Generator (2002). INK Architects, Inc.

Fort Weaver Road Widening, Laulaunui Street to Geiger Road (2002). Fujita & Associates, Inc.

Building 150, Navy Regional Command Center (2002). Matsushita-Saito & Associates, Inc.

Conference Room Improvements (2002). The Honolulu Advertiser.

Highlands Intermediate School Music Building Extension (2002). Kimura / YBL & Associates, Ltd.

Emergency Generator for Waiehu Kou, Phase 3 (2002). Austin, Tsutsumi & Associates, Inc.

Kaahumanu Hale - A/C Chiller Replacement (2002). Randolph H. Murayama & Associates, Inc.

Kamehameha School-Hawaii Campus Phase 4 (2002). Group 70 International

Kamehameha School-Maui Campus Phase 4 (2002). Group 70 International

Renovations to U.H. Auditorium Rooms in Building A (2002). Kober / Hanssen / Mitchell - Architects

Multipurpose Assembly Room (2002). Le Jardin Academy

Reclamation Water Pumps, Villages of Kapolei (2002). Makai Village Partnership

Kaonohi Wells and Booster Pump No. 1 Renovation (2002). Ronald N.S. Ho & Associates, Inc.

Leilehua H.S. Special Education Classrooms (2002). Gerald Inouye AIA

BWS Kahuluu Line Booster (2002). Nagamine Okawa Engineers Inc.

St. John Apostle & Evangelist Sanctuary (2002). Dwight C. Lowrey Architect, Inc.

Outrigger Waikiki Beach Walk, Phase I (2002). Group 70 International

Osan SQ OPS (2002). MMI International A & E

AFM Administrative / Studio Facility, Camp Casey, Korea (2002). MMI International A & E

Maluhia House #11 (2001). Group 70 International

Kolea at Waikaloa Beach Resort (2001). Group 70 International

Renovation to Auditorium 150 Bilger Hall (2001). Kober/Hanssen/Mitchell Architects

Kamehameha School-Hawaii Campus Phase III (2001). Group 70 International

Kamehameha School-Maui Campus Phase III (2001). Group 70 International

Boys and Girls Club Gym PA System (2001). Geoffrey Paterson & Associates, Inc.

Improvements to Communications Lab; Hawaii Public Television Building, Dole Street (2001). Kodama/Okamoto Architects, Inc.

Sprint PCS - Puuone Towers (2001). Island Pacific Architecture, Inc.

Peninsula - Hawaii Kai Product 3 (2001). SCD International, LLC

Kalihi Kai Elementary School - Bldg. K Replace Fan Coil Units (2001). Randolph H. Murayama & Associates

Roosevelt High School, Auditorium, Asbestos Removal and Repairs (2001). Robert E. Freeburg AIA Associates

Kamehameha School - Maui Campus Phase II (2001). Group 70 International

Kamehameha School - East Hawaii Campus Phase II (2001). Group 70 International

Iolani High School Phase I (2001). Group 70 International

Lihue Multi-Agency Maintenance & Service Facility Administrative/Office Building (2001). Mitsunaga & Associates, Inc.

Department of Agriculture Measurements Standard Building; Auki Street, Kapalama, Oahu (2001). Anbe, Aruga & Ishizu, Architects, Inc.

Chiller Enclosure for Korean Study Building, U.H. at Manoa (2001). W.A. Hirai & Associates, Inc.

Kai Lani at Ko Olina (2001). Armstrong Builders, LTD.

Manoa McDonald's (2001). McDonald's - Ichinose

Aiea High School ADA Transition Plan Improvements (2001). Matsumoto Santa Maria Architects, Inc.

Nauru Phase III (2001). Benjamin Woo Architect L.L.C.

Punaluu Wells II Renovation (2001). Bow Engineering & Development, Inc.

Kamehameha School Gym Ventilation (2001). Lange Motonaga, Inc.

Maili Elementary School, Upgrade Electrical System and Air Condition School (2001). W. A. Hirai & Associates

Proposal for Sound Attenuation of Music Practice Room (2001). Russell Dang

Kaahumanu Elem. School Building G; Air Conditioning (2001). Lange Motonaga, Inc.

Cancer Research Center of Hawaii and Keelikolani Building (2001). Thermal Engineering Corporation

Ecology Unit Noise Control; Kahala Mandarin Oriental Hawaii (2001). Killingsworth, Stricker, Lindgren, Wilson Associates, Inc.

Zippy's Kaneohe (2001). Francisco Architect

MPBI Data Center, Kapolei, Oahu (2001). Randolph H. Murayama & Associates, Inc.

Keeliolani Building Chiller Replacement (2000). Thermal Engineering Corporation

Laupahoehoe High and Elementary School Band Building (2000). Ronald H. Nagata AIA, Inc.

Kauai Judiciary Complex (2000). Anbe, Aruga & Ishizu Architects, Inc.

TYCOM Cable Facility (2000). Kober/Hanssen/Mitchell, Architects

Palaeua, Maui WWPS Emergency Generator (2000). Austin, Tsutsumi, & Associates, Inc.

Leeward Community College Assistive Listening System (2000). Takeo Matsumoto & Associates, Inc. Architects

Gentry Ewa West WWPS Emergency Generator (2000). Nagamine Okawa Engineers Inc.

Mililani Mauka II Elementary School (2000). Pacific Architects, Inc.

Eaton Square Chiller Replacement (2000). Randolph H. Murayama & Associates, Inc.

Keaau High School Athletic Field Complex Sound System (2000). Anbe, Aruga & Ishizu Architects, Inc.

Board of Water Supply Makaha Well V (2000). W. A. Hirai & Associates, Inc.

Board of Water Supply Waialae West Well (2000). Austin, Tsutsumi, & Associates, Inc.

Kuykendall Hall Acoustical Improvements (2000). The AES Design Group, Inc.

GTE Wailua Houselots Emergency Generator (2000). Kajioka Yamachi Architects

HECO Kamoku 138 KV Substation (2000). KAI Hawaii, Inc.

U.H. P.O.S.T. Building, Phase II (2000). Herbert Y. Matsumura & Associates, Inc.

Queen's Hospital Psychiatric Unit (2000). Architects Hawaii Limited

DOH Noise Control Workshop (2000). Maui Liquor Commission

Hamilton Library, Phase IIIA (2000). Kimura/YBL & Associates, Ltd.

Board of Water Supply Waialae Iki Booster #2 (1999). Engineering Design Group, Inc.

Kona Village Electrical Generators (1999). Kona Village Resort

Hickam Training Facility (1999). Group 70 International, Inc.

Crawford Hall Renovations, U.H. at Manoa (1999). Lou Chan & Associates, Inc.

Royal Iolani Condominium High Zone Pump (1999). Royal Iolani Condominium Association

Hokulani Elementary School Cafeteria PA System (1999). Herbert Y. Matsumura & Associates, Inc.

Nanakuli Elementary School 8 Classroom Building (1999). Awa & Associates

Board of Water Supply Palolo Well (1999). W.A. Hirai & Associates, Inc.

Special Education Classrooms at Pearl Ridge Elementary School (2000). Pearl Ridge Elementary School

Honpa Hongwanji Hilo Betsuin Gymnasium (1999). Ronald H. Nagata AIA, Inc.

Nichiren Sect Mission Church (1999). Light from Space Architects, Inc.

HECO Puunui Substation Noise Barrier (1999). Hawaiian Electric Company, Inc.

Hart Street WWPS Emergency Generator (1999). Wilson Okamoto & Associates, Inc.

Hawaii Community Corrections Center Condenser Noise (1998). Architects Hawaii Limited

Kaneohe WWPTF Modifications, Phase III (1998). R.M. Towill Corp.

GTE North Kihei Generator (1998). Kajioka Yamachi Architects

Queen's Hospital Ambulatory Care Center (1998). Mitsunaga & Associates, Inc.

HITS-Pearl Harbor Engine Generator Enclosure (1998). Pankow Special Projects, L.P.

Kapolei High School (1998). Mitsunaga & Associates, Inc.

St. Ann's Church (1998). Matsushita-Saito & Associates, Inc.

1000 KW Container Mounted Generator (1998). Cummins Hawaii

Lahaina Intermediate School Construction Noise (1998). Matsushita-Saito & Associates, Inc.

Liquor Commission Noise Workshops (Oahu, Hilo) (1998). Honolulu & Hawaii Departments of Liquor Control

Kona C.O. 50 KW Emergency Generator (1998). INK Architects, Inc.

Fern/Kalakaua Condominium Emergency Generator (1998). Ronald N.S. Ho & Associates, Inc.

HIA Noise Monitoring System Upgrade (1998). Edward K. Noda & Associates, Inc.

Queen's Hospital Maintenance Shop (1998). Sueda & Associates, Inc.

Pacific Command Center (Camp Smith) (1998). Wimberly Allison Tong & Goo

U.H. Student Counseling Services Center (1998). The AES Design Group, Inc.

Smith Theater, Schofield Barracks (1998). Okahara & Associates, Inc.

Pearl City Elementary School A/C (1998). Thermal Engineering Corp.

Kapolei Sports & Recreation Complex (1998). Mitsunaga & Associates, Inc.

Kahiola Seniors Rental Project (1998). Wil Chee - Planning, Inc.

St. Frances Hospital A/C Noise (1998). Pacific Medical Building, L.P.

Holualoa Elementary School Cafeteria (1998). Herbert Y. Matsumura & Associates, Inc.

A/C Noise; Abe Attorney Offices (1998). Michael K. Abe, Attorney at Law

Country Club Vista Elevator Noise (1998). Schuler Homes, Inc.

Waimanalo C.O. 100 KW Generator (1998). INK Architects, Inc.

Hawaii State Hospital 1,500 KW Generator (1998). Ronald N.S. Ho & Associates, Inc.

Kuykendall Hall Impact Noise Study (1998). The AES Design Group, Inc.

Ewa Elementary School Library/Admin. (1998). INK Architects, Inc.
Design Partners Wall STC (1998). Design Partners, Inc.

7-11 (Kaumana) Equipment Noise (1998). Yamasato, Fujiwara, Aoki &
Associates, Inc.

Waimalu Elementary School Video Room (1998). Ushijima-Tonaki Archi-
tects, Inc.

One Kalakaua (Chiller) (1998). One Kalakaua Partners

Kapalama Elementary School A/C (1998). Sansei Architects Incor-
porated

Waiehu Kou 35 KW Generator (1998). Austin, Tsutsumi & Associates,
Inc.

Curry House (1998). Alfred H.H. Hee, Attorney at Law

Polynesian Plaza Cooling Tower (1998). DSA Engineering, Inc.

HIA IAB Audio/Video System (1997). ECS, Inc.

U.H. @ Manoa Athletic Facility Classrooms (1997). Kauahikaua & Chun
Architects

Ala Moana WWPS Expansion (1997). R.M. Towill Corporation

Kihei Community Center (1997). Sato & Associates, Inc.

Makena Wastewater System (1997). R.M. Towill Corporation

Iolani High School Gymnasium (1997). The Design-Ng Company

U.H. @ Manoa P.O.S.T. Building Alterations (1997). Herbert Y. Matsu-
mura & Associates, Inc.

Konawaena Elementary School (1997). INK Architects, Inc.

Pump # 4 - Kunia Wells II (1997). Park Engineering, Inc.

Building 118, Wheeler Army Airfield (1997). Group 70 International, Inc.

Pearl Ridge Elementary School (1997). Awa and Associates

Shinnyo-En Taisho Drums (1997). Shinnyo-En Church

Ross Keeaumoku Chiller (1997). Ross Stores

BEQ At Marine Corps Base Hawaii (1997). Architects Pacific, Inc.

Tripler WWPS Emergency Generator (1997). Wilson Okamoto & Associates, Inc.

Keauakaha Elementary School Aircraft Noise Abatement Project (1997). Ronald H. Nagata AIA, Inc.

Iroquois Point Elementary School Aircraft Noise Abatement Project (1997). Kauahikaua & Chun Architects

Kapolei Middle School (1997). Mitsunaga & Associates, Inc.

Gymnasium Addition/Renovation, NCTAMS (P-125) (1997). Yamasato, Fujiwara, Aoki & Associates, Inc.

Kamaile Elementary School Admin./Library Building (1996). Danilo D. Lopez Associates

Submarine Base, P.H. Bachelor Enlisted Quarters (P-142) (1996). Architects Pacific, Inc.

St. Francis Hospice (1996). Mitsunaga & Associates, Inc.

Waipahu Elementary School, Building C, A/C Improvements (1996).
Herbert Y. Matsumura & Associates, Inc.

Navy Operations and Training Facility (P-276T) (1996). Sutton Candia, Inc.

Mililani High School, Building C Addition (1996). INK Architects, Inc.

Keauau II Elementary School, Phase I (1996). Pacific Architects, Inc.

Queen Liliuokalani Building, Replace A/C Chiller Plant (1996). DMT Consultant Engineers

Kapiolani Shopping Plaza Exhaust Fan (1996). Tosei Realty, Inc.

Waikalua Wastewater Pump Station (1996). Akinaka & Associates, Inc.

Public Baths Wastewater Pump Station (1996). Engineering Concepts, Inc.

Kapolei Office Building (1996). Mitsunaga & Associates, Inc.

Ewa II Elementary School (1996). Herbert Y. Matsumura & Associates, Inc.

St. Jude's Catholic Church (1996). Sutton Candia, Inc.

BWS Chlorinator Buildings (1996). Ronald N.S. Ho & Associates, Inc.

New Beachwalk WWPS Facilities (1996), R.M. Towill Corporation

Wheeler Elementary School Administration/Library Building (1996).
W.H.T. Leong & Associates, Architects, Inc.

Nuuanu 7-11 Store (1996), Yamasato, Fujiwara, Aoki & Associates, Inc.

Project P-219 BEQ Cooling Tower (1996), Thomas T. Agawa, AIA &
Associates

Agricultural Science Facilities, University of Hawaii, Manoa (1995). John
Hara Associates Inc.

Leilehua High School New Library Building (1995). Sam Chang Architect
& Associates, Inc.

Kaluanui Booster Station Building (1995). Engineering Design Group, Inc.

FY 95 OMA Pkg. A-88 Repair Sewage Pump Station AMR, Aliamanu
(1995). Barrett Consulting Group, Inc.

Iroquois Point Elementary School Renovate/Expand Library Building
(1995). Architecture Plus Inc.

Kanoelani Elementary School Administration/Library Building. (1995).
Kauahikaua & Chun, Architects.

North Kohala Booster Improvements; Medeiros and Karpovich (1995),
Hawaii Department of Water Supply.

BWS Wells, Kaonohi and Kalauao Stations (1995), Mitsunaga & Associ-
ates, Inc.

Hilo High School Renovation to Existing Library (1995). W.H.T. Leong &
Associates, Architects, Inc.

Kaunakakai Civic Center, State Office Building, Phase II-B (1995).
Herbert Y. Matsumura & Associates, Inc.

Punahou Street Emergency Generator Treatment (1995). Thomas T.
Agawa, AIA & Associates

Topro Chapel (1995). Roy K. Yamamoto.

Kaleiopuu Elementary School, New Library/Administration Building
(1995). GMP Associates, Inc.

Alvah Scott Elementary School Library Expansion, Aiea (1995). Dexter
Yee & Associates, Inc.

Kailua Heights Wastewater Pump Station and Force Main (1995), Engineering Concepts, Inc.

Kealakehe High School Music Building (1995), Ronald H. Nagata AIA, Inc.

BWS Kuou Well III (1995), Park Engineering

Waialua High School Cafeteria Expansion (1995). Paul S. Osumi Jr., AIA, Inc.

Princess Nahienaena Elementary School Cafetorium (1995), Pacific Architects, Inc.

Kapiolani Community College Cooling Towers (1995). Matsushita Saito & Associates, Inc. Architects

Maui Waena Intermediate School Music Building (1994). Pacific Architects, Inc.

Maui Waena Intermediate School Library Building (1994). Pacific Architects, Inc.

Noise Abatement for Board of Water Supply Wells (Waipahu, Mililani, and Waianae) (1994). Architects Pacific, Inc.

Noise Abatement for Pupukea Booster Station (1994). Hawaii Pacific Engineers, Inc.

Laupahoehoe High School Music Building (1994). GMP Associates, Inc.

Lahaina Wastewater Pump Stations #1 and #3 (1994). Sato & Associates, Inc.

Sunset Beach Elementary School Construction Noise (1994). INK Architects, Inc.

Waimea Elementary / Intermediate School Cafeteria (1994). Richard Matsunaga & Associates Architects, Inc.

Noise Abatement for Pearl City Booster Station (1994). Mechanical Engineers of Hawaii Corp.

Kamehameha School Gymnasium (1994). Architects Pacific, Inc.

Gion Restuarant Karaoke Rooms (1994). Neo Genesis, Inc.

Mauna Lani Elementary School Construction Noise (1994). Okita Kunitsumi & Associates, Inc.

Laie Elementary School Construction Noise (1994). Lacayo Group

Campbell Estate Building (1994). The Estate of James Campbell.

Kawaiahao Plaza A/C Equipment (1994). Royal Hawaiian Shopping Center, Inc.

Ala Moana Wastewater Pump Station Emergency Generators (1994). M&E Pacific, Inc.

Noise Abatement for Palolo Booster Station (1994). Mitsunaga & Associates, Inc.

Ewa By Gentry - East, Wastewater Pump Station Emergency Generator (1994), Park Engineering

Haggai Institute (1994). Gima-Yoshimori-Miyabara-Deguchi Architects, Inc.

Hale Pulama Mau Building (1994). Kajioka-Okada-Yamachi Architects

Castle High School Gymnasium (1994). INK Architects, Inc.

HIA Emergency Power System (1994). Ronald N.S. Ho & Associates, Inc.

Mokulele Elementary School Library (1994). James K. Tsugawa AIA & Associates, Inc.

Kapiolani Medical Center Glazing Study (1994). Kapiolani Health Care System

Rotor-Phase Equipment Noise Reduction (1994). Manoa Hillside Corporation

Cooling Tower Noise Reduction (1994). The Kamehameha Schools

Young Street Emergency Generator Treatment (1994). GTE Hawaiian Telephone Co.

Sound System Design for Maui Prince Hotel Banquet Facilities (1994). Anbe, Aruga & Ishizu Architects, Inc.

Acoustical and Sound System Design (1994). Resurrection of the Lord Catholic Church in Waipio.

Partition STC Tests (1994). Schuler Homes, Inc.

Plumbing Noise Tests (1994). Castle & Cooke Homes Hawaii

Sand Island Wastewater Pump Station Generator (1993). Community Planning, Inc.

Kaalaea Wastewater Pump Station Generator (1993). R.M. Towill Corporation

HITS Classroom/Studio Noise Criteria Recommendations (1993). State Department of Accounting & General Services

Waiawa National Guard Band Building (1993). Gerald Inouye, AIA.

Strauss Hall Audio/Video System (1993). Urban Works, Inc.

Reorganized Church of Jesus Christ of Latter Day Saints (1993). Awa & Associates

UH Webster/Spalding Halls Renovation (1993). Media Five

Bank of Hawaii Engine Generator (1993). Wimberly Allison Tong & Goo

Karaoke Rooms - Big Echo Hawaii (1992). Okita Kunimitsu & Associates, Inc.

Waikiki TEXACO Car Wash (1992). TEXACO USA

Air Conditioning Plant, Park Shore Hotel (1992). Thermal Engineering Corp.

Band and Choral Rooms, Kealakehe Intermediate School (1992). George Iwasaki Architect & Associates

Our Lady of Peace Cathedral (1992). Johnson, Tsushima, Leursen, Lowrey, Inc.

Spalding Hall Auditorium, U.H. @ Manoa (1992). Pacific Architects, Inc.

New Dance Studio, U.H. @ Manoa (1992). Group 70 International, Inc.

Construction Noise at Kahuku Intermediate and High School (1992). Department of Accounting and General Services

Sliding Wooden Door Replacement (1992). Kamehameha Elementary School

Open Plan Office Design, Hawaii Hall, U.H. at Manoa. Pacific Architects, Inc.

PA System for Christ United Methodist Church (1992). Ahn and Han Architects, Inc.

Maui Research and Technology Center (1992). Gima-Yoshimori-Miyabara-Deguchi Architects, Inc.

Hale Kewalo Condominium (1992). Anbe, Aruga & Ishizu Architects, Inc. and Walter Leong & Associates, Inc.

Waikiki Banyan Heat Pumps (1992). Hawaiian Electric Company, Inc.

Guam Memorial Hospital/Guam Power Authority Generating Station (1992/1993). Taniguchi-Ruth-Smith & Associates

Electrical Substation, Lower Campus, U.H. @ Manoa (1992). Ronald N.S. Ho & Associates, Inc.

Pump Room, The Imperial Plaza Condominium (1992). DMJM Hawaii

Kaneohe Bay South Wastewater Pump Station #5 (1992). Shimabukuro, Endo & Yoshizaki, Inc.

Kalama Dining Hall, The Kamehameha Schools (1992). Arthur Sui, A.I.A.

HIA Central Concourse (1992). INK Architects, Inc.

Ewa Beach Elementary School PA System (1992). Leung & Pang Associates, Inc.

U.S. Coast Guard Oahu Housing, Red Hill (1992). Okita Kunimitsu & Associates, Inc.

NCO, PME Dormitory, Hickam AFB (1992). Peter Hsi Associates, Inc.

Maui Community College, Building J (1992). Gima-Yoshimori-Miyabara-Deguchi Architects, Inc.

Crawford Hall, U.H. at Manoa (1992). Michael T. Suzuki & Associates, Inc. A.I.A.

UH/Marriott Hamilton Snack Bar (1992). AM Partners, Inc.

Mililani Wells No. 8 (1992/1993). M&E Pacific, Inc.

Kuakini Hospital Office Building (1992). GACI, Inc.

Construction Noise @ Wheeler Intermediate School; Paul Louie & Associates, A.I.A.

Laenani Wastewater Pump Station Generator (1992). Barrett Consulting Group, Inc.

Mauna Lani House, Nomura Village (1991). PPC-TOKYU Joint Venture

Castle Memorial Annex Condenser Noise (1991). Kober/Hanssen/Mitchell, Architects

HIA International Terminal Building - Fan Discharge and Inlet Duct Treatments (1991). Randolph H. Murayama & Associates, Inc.

Waiphau Gas Express Car Wash (1991). Media Five.

State Office Tower - Tenant Improvements (1991). Projects International.

Auditorium and Lobby of State DOH Laboratory Facility (1991). James K. Tsugawa, AIA & Associates

One Main Plaza, Wailuku, Maui (1991). S&P Partners

Cafeteria/Assembly Hall, Akahi Building at The Kamehameha Schools (1991). The Kamehameha Schools/Bishop Estate

School of Architecture, University of Hawaii, Manoa Campus (1991). John Hara Associates, Inc.

One Waterfront Towers, (1991). Randolph H. Murayama & Associates, Inc.

Relocation of Airport Rescue & Fire Fighting Station, Lihue Airport Complex (1991). Architectural Design Consultants

Emergency Generator, Punawai WWPS and Force Main (1991). Shimabukuro, Endo & Yoshizaki, Inc.

Wong Center Video Auditorium, Sinclair Library, University of Hawaii, Manoa Campus (1991). U.H. Manoa Campus, Facilities Planning & Management Branch

Emergency Generator for Emmalani Tower (1991). Kawaihau Associates

Kailua-Kona Southern Zone, Sewage Pumping Stations (1991). M&E Pacific, Inc.

Wist Hall Renovation, University of Hawaii, Manoa Campus (1991). Paul Louie & Associates, A.I.A.

Symphony Park Condominium, (1991). Ellerbe Becket, Inc.

Golf Course Pump Station, Makaha Valley Estates and Country Club (1991). Group 70 International, Inc.

Honolulu International Airport Public Address System, Phase II (1991/1992). Ronald N.S. Ho & Associates, Inc.

Kilohana United Methodist Church (1991). Kilohana United Methodist Church

Ilima Intermediate School, Band/Choral and Cafeteria Buildings (1991). Pacific Architects, Inc.

Kauluwela Elementary School, Building D, Air Conditioning System (1991). Gerald Inouye, AIA.

HIA Dormitory Project, Hickam Air Force Base (1991). Mitsunaga & Associates, Inc.

HAWTEL Kakaako C.O. Building (1991). KOP Hawaii

Waialae-Iki/Wailupe Booster Pump Station (1991). W.A. Hirai & Associates, Inc.

Emergency Generator Treatment, Akumu Street Relief Sewer (1991). Shimabukuro, Endo & Yoshizaki, Inc.

USCG LORSTA Iwo Jima and Marcus Island (1991). Fred N. Sutter & Associates, Inc.

Torson Ala Moana Tower (1991). Roy K. Yamamoto Architect, AIA, Inc.

MK-50 Maintenance Shop, Rooms #105 and #133 (1991). Upham International Corporation

Hawaii Institute of Geophysics, U.H. @ Manoa, Improvements to Auditorium (1991). Vernon Kim and Associates, Inc.

Kamehameha School Administration Building A/C System (1991). Miles Onishi & Associates, Inc.

Manoa Innovation Center (1991). Sueda & Associates, Inc.

Kimura Residence, Mechanical Equipment Room (1991). Thermal Engineering Corp.

Vista Waikoloa, Air Conditioner Sound Measurements (1991). OFDC Development Limited

Hawaii Credit Union League A/C Unit (1991). Hawaii Credit Union League

Hickam Air Force Base, United States Courtroom, Building 502 (1991). Hawaii Sound Systems

Makaha Valley Estates and Country Club, Condenser Enclosures (1991). Group 70 International, Inc.

Kaneohe Elementary School Library Air Conditioning (1990). Thermal Engineering Corp.

Karaoke/Game Room (1990). Waikiki Trade Center

Hawaii Prince Hotel (1990). Ellerbe Becket, Inc.

Moanalua Estates Townhomes (1990). Okita Kunimitsu & Associates, Inc.

Ft. Shafter Fiscal Building (1990). Takeo Matsumoto & Associates, Inc. Architects

Toyota Residence (1990). Media Five.

Noise Control Workshop (1993, 1992, and 1990). State Department of Health, Noise & Radiation Branch

Waialae Professional Center (1990). Architects Hawaii Ltd.

Old Kona Airport Recreation Area, Improvements to Events Pavilion (1990). State Department of Land & Natural Resources

Airport Training Center, South Ramp, Phase I, Honolulu International Airport (1990). Architects Pacific, Inc.

Waialae Iki Booster Station (1990). M&E Pacific, Inc.

Noelani Elementary School Library A/C Unit (1990). Thermal Engineering Corp.

Aloha Stadium Video Scoreboard Control Room (1990). SSFM Engineers, Inc.

Hilo Judiciary Complex (1990). Media Five

Waikoloa Water Pump Station (1990). PMO Joint Venture

Emergency Generator at Waimanalo Gravity Sewer System Section 5 (1990). Fukunaga & Associates, Inc.

Queen Victoria Condominium (1990). INK Architects, Inc.

Kaka'ako Elderly Housing Project (1990). Anbe, Aruga & Ishizu Architects, Inc.

Library Building at Highlands Intermediate School (1990). Takeo Matsumoto & Associates, Inc.

Kahala Hilton Hotel Engine Generator (1990). Fred N. Sutter & Associates, Inc.

Waterpark Towers Condominium (1990). INK Architects, Inc.

Princess Nahienaena Elementary School, Buildings "A" & "B" (1990). Pacific Architects, Inc.

Mae Mae Elementary School Kitchen Exhaust Fan (1990). Thermal Engineering Corp.

Bilger Hall Renovations Stages 3 & 4, U.H. Manoa Campus (1990). Mitsunaga & Associates, Inc.

Airport Rescue & Fire Fighting Station at Honolulu International Airport (1990). Architectural Design Consultants

Sound System for Kuykendall Hall (1989). Thomas T. Agawa, AIA & Associates

Emergency Generator at Miomio Wastewater Pump Station (1989). Akinaka & Associates, Inc.

GTE Kapolei Earth Station (1989). M&E Pacific, Inc.

Kau High and Pahala Elementary School Band Building (1989). Thomas T. Agawa, AIA & Associates

Highlands Intermediate School Renovations for Hard-of-Hearing Classroom (1989). Matsushita-Saito and Associates, Inc.

Lahaina Intermediate School Band Building (1989). Fred N. Sutter & Associates, Inc.

Acoustical Measurements at Lehua Elementary School Exceptional Child Program (1989). Department of Education

3rd Floor A/C Equipment Noise, Modifications to Learning Resource Center, U.H. at Hilo, Hawaii (1989). Mitsunaga & Associates, Inc.

Kuakini Medical Center's Electrical Generator (1989). Systems West, Inc.

Improvements to Air Conditioning in Communications Lab, George Hall, U.H. Manoa (1989). Thermal Engineering Corp.

Interior Acoustical Calculations at Baldwin High School Auditorium (1989). Architechnical Design Associates

Air Conditioner Unit at Palolo Elementary School (1989). Thermal Engineering Corp.

Sound System for Sacred Hearts Academy Auditorium (1989). Arthur Siu, A.I.A.

Acoustical Recommendations for H-1 Kawela Bay Hotel (1989). Group 70 International, Inc.

H-2 Kawela Bay Hotel (1989). Group 70 International, Inc.

Repair A/C System Noise at Diamond Head Health Center (1989).
Department of Accounting & General Services

PA System for Garden Conference Room at Honolulu International
Airport (1989). Ronald N.S. Ho & Associates, Inc.

Ewa Beach Community Library (1989). Pacific Design Engineers, Inc.

Acoustical Basis of Design - Replacement of Windows and Sills for
Building 1740, USCG, Barber's Point (1989). Upham International Cor-
poration

Generator Room at First Hawaiian Bank (1989). First Hawaiian Bank

A/C Condensing Unit at Aina Haina Elementary School (1989). Thermal
Engineering Corp.

New Offices and Studios for K-59 and 92X Radio Stations (1989). W.H.T.
Leong & Associates, Architects, Inc.

Commodore Condominium Noise Reduction (1989). Robert Struble

Hawaii Okinawan Center (1989). Yamasato, Fujiwara, Aoki & Associ-
ates, Inc.

Munitions, Weapons, and Missile Maintenance Facilities (1988). Upham
International, Inc.

Makakilo WWPS Emergency Generator (1988). Ronald N.S. Ho & Asso-
ciates, Inc.

Acoustic Improvements at Various Classrooms and Auditoriums at UH @
Manoa (1988). University of Hawaii

Maui Divers Theater (1988). Maui Divers of Hawaii, Ltd.

Renovations to Orvis Auditorium at University of Hawaii, Manoa Campus
(1988). Art Kohara Architect, Inc.

Mililani Wells No. 7 Motor Enclosure (1988). M & E Pacific, Inc.

Dole Iwilei Theaters (1987). Sutton Candia Partners

Composite Avionics/Weapons Facility (1987). Upham International Cor-
poration

Acoustic Insulation and Repairs at Porteus Hall and HIG, U.H., Manoa
Campus (1987). Miles Onishi & Associates, Inc.

U.H. Hilo Auditorium Asbestos Removal (1987). Mitsunaga & Associates, Inc.

Exhaust and Noise Abatement for HELCO Engine Generators (1987). W.A. Hirai & Associates, Inc.

Acoustical Recommendations for HCC Media Center (1987). Robert M. Matsushita & Associates, Inc.

Ala Wai Golf Clubhouse Sound System (1987). Design Partners

Medical School Development, Kuakini Hospital (1986). GACI, Inc.

Aiea Elementary School Noise Abatement Project (1986). Sutton Candia Partners

Development of Criteria for DOE Hearing Impaired Classrooms (1986). State Department of Accounting & General Services

Noise Abatement Treatment of HANG Office Building (1986). M&E Pacific, Inc.

Noise Abatement Treatment of Kaahumanu School Central Air Conditioning Plant (1986). Group 70 International, Inc.

DOE Noise Abatement Problems (1986). State Department of Accounting & General Services.

Police Training Facilities, Phase II (1986). Matsumura-Leong Associates.

Farrington High School Auditorium Sound System (1986). Leung & Pang Associates, Inc.

Kekuanaoa Building Renovation, Phase III (1985). Herbert Y. Matsumura & Associates, Inc.

Mililani Town, Unit 60, Noise Abatement (1986). Mililani Town Inc.

Kapuaiwa Building Renovation, Phase II (1985). Architects 2, Inc.

New Terminal Building, Kahului Airport (1985). Sam Chang Architect & Associates, Inc.

Akahi Building Renovation (1985). Herbert Y. Matsumura & Associates, Inc.

Mililani Town Units 56 thru 58, Noise Abatement (1985). Mililani Town Inc.

New CDEE Facility, The Kamehameha Schools (1985). Wilson Okamoto & Associates, Inc.

Beachwalk and Wahiawa Emergency Engine Generator Facilities (1984). W.A. Hirai & Associates, Inc.

U.H. Baseball Stadium (Sound System Design) (1984). Mitsunaga & Associates, Inc.

U.H. Law School Moot Courtroom (Video System Design) (1984). Robert M. Matsushita & Associates.

Skill Village and Hale Noho Housing Projects (1983). Department of Human Concerns, Maui County Housing Division.

Kona Courtroom Renovation (1983). Sam Chang Architect & Associates, Inc.

George Hall Renovation (1983). Herbert Y. Matsumura & Associates, Inc.

Emergency Generator Room, Leahi Hospital (1982). Ronald N.S. Ho & Associates, Inc.

HHA-Kalakaua Housing (1981). Mitsunaga & Associates, Inc.

ENVIRONMENTAL Turtle Bay Resort SEIS (2012). Replay Resort.
NOISE STUDIES:

Sound Barrier Study (2012). Maryknoll High School.

Ala Moana Boulevard, Auahi Street Sewer (2012). Engineering Concepts, Inc.

Kulanihakoi Bridge Replacement (2012). Wilson Okamoto Corporation.

K-3 Condo-Hotel (2012). PACREP, LLC.

Kapiolani Street Extension Project (2012). Geometrician Associates, LLC.

Kaneohe / Kailua Gravity Tunnel Noise Variance (2012). Wilson Okamoto Corporation.

Farrington Highway Widening (2012). Group 70 International.

SPAWAR Building 5 Sound Testing (2012). SPAWAR System Center.

HMSA Print Shop Noise Survey (2012). Colliers International.

DOE School Sites at Hoopili (2012). Group 70 International.

Airport Sewer Rehabilitation/Reconstruction, Phase 2 (2012). Gray-Hong-Nojima & Associates, Inc.

Kaunualii Highway Widening, Mill Bridge to Rice Street (2012). R.M. Towill Corp.

Legal Office Sound Testing, Downtown Honolulu (2012). Callison, LLC.

Auwahi Wind Farm Sound Measurements (2012). RMT, Inc.

Lahaina Bypass Southern Terminus Extension (2012). Makila Land Company, LLC.

Kakaako Transit Oriented Development Study (2012). Lee Sichter LLC.

Anahola Solar Project (2012). Planning Solutions, Inc.

Queen Liliuokalani Trust's Keahuolu Master Plan (2011). Queen Liliuokalani Trust.

Cancer Research Center (2011). Wilson Okamoto Corporation.

Occidental Underwriters Building Temporary Generator (2011). Ronald N.S. Ho & Associates, Inc.

State Geothermal Land Lease At Ulupalakua Ranch (2011). Geometrician Associates, LLC.

Waikiki Edition Hotel (2011). Robert A. Ueoka, Esq.

Waikiki Sewer Reconstruction/Rehabilitation (2011). Engineering Concepts, Inc.

Ka Makana Alii, Kapolei Shopping Center (2011). Lee Sichter LLC.

Kapalama Container Terminal EIS (2011). Belt Collins Hawaii.

Moilili-Kapahulu Sewer Reconstruction & Rehabilitation (2011). Akinaka & Associates, Inc.

Construction Noise Measurements (2011). Halekulani Corporation.

Puunene Heavy Industrial Subdivision (2011). Pacific Rim Land, Inc.

Hanalei Plantation EIS (2011). Wilson Okamoto Corporation.

Wailuku Industrial Park (2011). Maui Paving LLC.

Maui Research & Technology Park (2011). Maui R&T Partners, LLC.

Maui Lani Shopping Center (2011). Benner Stange Assoc. Architects, Inc.

Kaneohe/Kailua Underbay Force Main (2011). Austin, Tsutsumi & Associates, Inc.

BWS Niu Valley Booster No. 1 (2011). KAI Hawaii, Inc.

Wailea Beach Marriott Luau Show (2011). Tihati Productions, Ltd.

Waikane Stream Bridge Replacement (2011). R.M. Towill Corp.

International Market Place EIS (2011). WCIT Architecture.

Hilton Hawaiian Village Off Site Wastewater System Upgrade (2011). Group 70 International.

Manoa Valley Flood Control Projects (2011). SEY Engineers.

Airport Sewer Rehabilitation/Reconstruction - Phase 1 (2010). Gray-Hong-Nojima & Associates, Inc.

Hilton Hawaiian Village Master Plan EIS (2010). Group 70 International.

Ward Ave. & Kapiolani Blvd. Intersection Improvements (2010). Engineers Surveyors Hawaii, Inc.

The Plaza At Moanalua (2010). MW Group.

HFD New Training Facility, Valkenburgh and Nimitz Hwy (2010). Group 70 International.

McKinley High School Athletic Complex EIS (2010). Group 70 International.

EIS for Olowalu Town (2010). Olowalu Town, LLC.

Two Electric Pole Installations at Valkenburgh and Kamehameha Hwy. (2010). Hawaiian Electric Company.

EIS for Waikiki War Memorial Natatorium (2010). Wil Chee - Planning & Environmental, Inc.

Traffic Noise Study for H-1 Freeway PM Contraflow Lanes (2010). Mitsunaga & Associates, Inc.

Waimalu Stream Dredging (2010). Environmental Planning Services.

EA for Composting Facility At North Shore (2010). Wilson Okamoto Corporation.

Noise Study for New Generating Equipment (2010). ORMAT, Puna Geothermal Venture.

Kam Drive-In Property Development (Live Work and Play Aiea) (2010). PBR Hawaii and Associates, Inc.

University of Hawaii Center At West Hawaii EIS (2009). Wil Chee - Planning & Environmental, Inc.

Noise Variance for Kinau Off Ramp (2009). Engineering Concepts, Inc.

EIS for Kaloko Makai (2009). Stanford Carr Development, LLC.

Noise Variance for Makaha Interceptor Sewer Noise Variance (2009). Austin, Tsutsumi & Associates, Inc.

Noise Variance for Kaamilo Street and Liliha Street Highway Signs Over Lunalilo Freeway (2009). Austin, Tsutsumi & Associates, Inc.

Mill Street Extension (2009). Kaanapali Land Management Corp.

Sand Island Sewer Basin Facilities EIS (2009). RM Towil Corporation.

Kihei High School EIS (2009). Group 70 International.

Gray's Beach Sand Restoration (2009). Planning Solutions, Inc.

Kaneohe / Kailua Force Main No. 2 Project EIS (2009). Austin, Tsutsumi, & Associates, Inc.

Kaneohe / Kailua Wastewater Conveyance (2009). Wilson Okamoto Corporation.

Halekauwila Place Project EIS (2009). Environmental Communications.

Stryker Brigade Combat Team Facilities At Schofield Barracks (2009).
Wil Chee - Planning & Environmental, Inc.

Noise Variance for Iwilei and School Street Substation Repairs
(2009). Hawaiian Electric Company.

Honouliuli / Waipahu / Pearl City Wastewater Facilities Plan EIS (2009).
AECOM Pacific Inc.

Ane Keohokalole Extension (2008). Belt Collins Hawaii.

Grace Pacific Makakilo Quarry Expansion (2008). Belt Collins Hawaii.

Kukui`ula Western Bypass Road (2008). Wilson Okamoto Corporation.

Noise Variance for Farrington Highway Improvements (2008). Hawaiian
Electric Company.

Noise Variance for Nimitz Highway Sewer Manhole (2008). Engineering
Concepts, Inc.

Mamalaha Highway Improvements (2008). Austin, Tsutsumi &
Associates, Inc.

Honua Power Waste to Gas Resources Recovery Project (2008).
Planning Solutions, Inc.

Villages of Aina Lea (2008). DW Aina Le`a Development, LLC

Honua`ula EIS (2008). Honua`ula Partners, LLC

Kaneohe / Kailua Sewer Rehabilitation Noise Variance (2008). Austin,
Tsutsumi & Associates, Inc.

Piilani Highway Widening (2008). Honua`ula Partners, LLC

Kuhio Highway Widening, Kuamoo Road to Temporary Bypass Rd.
(2007). Wilson Okamoto Corporation.

Wailuku II Elementary School EIS (2007). Group 70 International.

Nimitz Highway, Ahua Street to Pacific Street, Noise Variance (2007).
SEY Engineers, Inc.

Noise Variance for HECO Waiiau to Makalapa #2, Kamehameha Highway
Transmission Line (2007). Hawaiian Electric Company.

Rock Transfer Operations At Ocean Pointe (2007). Planning Solutions, Inc.

Kahuku Aina Development (2007). Nani Kahuku Aina, LLC

Noise Variance for Repaving Work At South Street and Keeaumoku Street (2007). M & E Pacific, Inc.

Kaanapali North Lot 3 At Mahana Towers (2007). SVO Pacific, Inc.

Tripler PRRP Facility EA (2007). Wil Chee Planning & Environmental, Inc.

Maui Lani Shopping Center EA (2007). Harry & Jeanette Weinberg Foundation, Inc.

Kaluanui Stream Bridge (2006). Engineering Concepts, Inc.

Manana Spine Road Connector (2006). Engineering Concepts, Inc.

Landfill at Tinian (2006). Wil Chee - Planning & Environmental, Inc.

Kalaniana'ole Highway and Keahole Street Improvements (2006). KN Consulting Services, Inc.

Hale Mahaolu Ehiku Housing Project, Kihei (2006). Hale Mahaolu

Kauai Toyota Facility (2006). Servco Pacific, Inc.

Alapai Transit Center (2006). Group 70 International

O`oma Seaside Village EIS (2006). PBR Hawaii

Waimalu Sewer Rehabilitation (2005). Hawaii Pacific Engineers, Inc.

HECO Generator Installation, Manele Bay Hotel (2005). Hawaiian Electric Company, Inc.

HECO Vault 15 Relocation (2005). Hawaiian Electric Company, Inc.

HECO Kakaako Makai 25kV Ductline (2005). Hawaiian Electric Company, Inc.

FY-03 Misawa Air Base, Japan, Hush House (2005). M & N Associates, Inc.

Basement Mechanical Room, Tapa Tower (2005). Hilton Hawaiian Village Hotel

HCDA Kalaeloa Master Plan (2005). Belt Collins Hawaii

Mamalahoa Highway - Kawaihae Road Connector Project (2005). Belt Collins Hawaii

Honoapiilani Highway Realignment, Ph 1A, Ikena Avenue (2005). Wilson Okamoto Corporation

HELCO Keahole Power Plant Noise Measurements (2005). Hawaii Electric Light Company, Inc.

Grace Pacific Kauai (Niu Construction) Asphalt Plant (2005). Grace Pacific Corporation

HECO Generating Station, Campbell Industrial Park (2005). Planning Solutions, Inc.

Kapolei Interchange Between Makakilo and Palilalai Interchange (2005). Engineering Concepts, Inc.

Sea Mountain At Punaluu (2005). Group 70 International, Inc.

Temporary Lodging Facility at Tripler Army Medical Center (2005). Wil Chee - Planning & Environmental, Inc.

Hilo Harbor Noise Barrier (2005). Mitsunaga & Associates, Inc.

HECO Oahu Diesel Generators (2005). Hawaiian Electric Co., Inc.

H-1 Freeway At Puakala Street, Poopaa Place, and Laka Place (2005). Earth Tech.

Puunene Senior Housing Project (2005). Munekiyo & Hiraga, Inc.

International Market Place Redevelopment (2004). Kusao & Kurahashi, Inc.

Dillingham Boulevard Resurfacing/Reconstruction, Puuhale Road to Middle Street (2004). Austin, Tsutsumi & Associates, Inc.

King Street Resurfacing Between South Street and Ward Avenue (2004). M & E Pacific, Inc.

HELCO Puueo Hydro Rehabilitation, Oahu, Hawaii (2004). Thermal Engineering Corporation.

Leeward Community College Second Access Road (2004). Wilson Okamoto & Associates, Inc.

HECO Dispatch Center, Ward Avenue (2004). Hawaiian Electric Company Inc.

BWS Kakaako Water System Improvement (2004). Engineers - Surveyors Hawaii, Inc.

Waimea Bypass Highway EIS (2004). Akinaka & Associates, Inc.

H-1 Waimalu Viaduct (2004). Kiewit Pacific Co.

BWS Pensacola Street Water System (2004). Engineering Concepts, Inc.

Kahekili Highway Improvements (2004). KN Consulting Services, Inc.

Sand Island Basin Sewer Rehabilitation Project (2004). Austin, Tsutsumi & Associates, Inc.

Camp Smith Facility Noise Study (2004). Belt Collins Hawaii

North-South Collector Road Improvement, Walua Place to Keonekai Road (2004). Town Development

Makakilo Quarry Noise Study (2004). Belt Collins Hawaii

BWS Kuliouou Waste Water Pump Station (2004). SEY Engineers, Inc.

Harbor Wharf Project EIS, Apra Harbor, Guam (2004). Wil Chee - Planning & Environmental, Inc.

POW-MIA (JPAC) Facility, Hickam AFB, Oahu (2004). Wil Chee - Planning & Environmental, Inc.

Consolidated Motor Pool Facility, Fort Shafter (2003). Wil Chee - Planning & Environmental, Inc.

Haleiwa Small Boat Harbor, Waialua, Oahu (2003). W.Y. Thompson, P.E.

KCDA Improvement District 11, Queen Street Widening from Ward Avenue to Kamakee Street, Kakaako, Oahu (2003). Engineers - Surveyors Hawaii, Inc.

Hiluhilu Development, Ka'u, Hawaii (2003). Roger Harris Planning

Kauai Commercial Harbors 2025 (2003). Wil Chee - Planning, Inc.

Kapolei Knolls, Phase II (2003). Schuler Homes, Inc.

Hawaii Electric Light Company, Keahole Power Plant (2003). Imanaka, Kudo & Fujimoto

North - South Collector Road, Lokelani School to Kanani Road. (2003). Shimabukuro, Endo, Yoshizaki, Inc.

USDA Hawaii Fruit Fly Production Facility, Waimanalo (2003). Hawaii Pacific Engineers, Inc.

Lower Main Street, Improvement Phase II, Hale Place to Mill Street, Maui (2003). Wilson Okamoto Corporation

Noise/Odor Abatement Systems Program PH 2 (2002). Brown & Caldwell

HECO Kewalo-Kamoku Cable Installation (2002). Hawaiian Electric Company, Inc.

New Parking Garage for U.H. Hawaiian Studies (2002). Wilson Okamoto & Associates, Inc.

Ala Wai Canal Dredging (2002). American Marine Corporation.

Study of Well Drilling Noise and Sound Attenuation Effects of Puna Forests (2002). Puna Geothermal Venture

Study of Noise and Vibration from Cellular Telephone Facility (2002). AT&T Wireless Services, Inc.

Acoustical Requirements for DOE Education Specifications A/E Guide (2002). Mitsunaga & Associates, Inc.

New A&B Waikiki Condominium (2002). Wilson Okamoto & Associates, Inc.

Kapiolani Boulevard Sewer Siphon Reconstruction (2002). Akinaka & Associates, Inc.

Footfall Noise Measurements at Maui Condominium (2002). Condominium Association

Marine Corps Jungle Warfare Training Area, Kaaawa, Oahu (2002). Wil Chee-Planning, Inc.

Dickenson Street Extension (2002). Austin, Tsutsumi & Associates, Inc.

Tripler Army Medical Center Whole Barracks Renewal (2002). Wil Chee - Planning, Inc.

Tripler Army Medical Center Biomedical Research Center (2002). Wil Chee - Planning, Inc.

Makena WWPS Odor Control Fans (2002). R.M. Towill Corporation

Quads B, C, and F Parking Structures, Schofield Barracks (2002). Wil Chee - Planning, Inc.

Hot Cargo Pads, Hickam AFB (2002). Wil Chee - Planning, Inc.

EIS for Army Transformation of the 25th ID (L) to an Interim Brigade Combat Team (2001). Wil Chee - Planning, Inc.

Fort Shafter Command and Control Center Environmental Assessment (2001). Wil Chee - Planning, Inc.

Ewa By Gentry Makai-East Residential Development (2001). Environmental Communications

Central Oahu Facilities EIS (2001). Wil Chee - Planning, Inc.

Nawiliwili Pier 2 Extension Project; Lihue, Kauai (2001). W.Y. Thompson, P.E.

Alanui Ka'imi'iike Street Extension, Molokai, Hawaii (2001). Simabukuro, Endo, Yoshizaki, Inc.

Prime 880 KW Electrical Generator and Well Pump; The Orchid At Mauna Lani (2001). Pauoa Bay Partners

Rehabilitation of Streets, Unit 4 King Street, from Liliha Street to River Street and from Bethel Street to South Street, and 24-Inch Water Main (2001). Lyon Associates

Kamehameha Highway Resurfacing (2001). Grace Pacific Corporation

Environmental Impact Statement for the Redevelopment of Outrigger Property in the Lewers-Kalia Area (2001). Outrigger Enterprise, Inc.

Interim Piilani Highway Improvement Project (2001). Munekiyo & Hiraga, Inc.

Status Report of Measurements for Nighttime Operating Permit (2001). Hawaiian Cement

Waikikian Development Plan (2001). Belt Collins Hawaii

Kamehameha Highway Truck Sewer Reconstruction, Mililani Project (2001). Hawaii Pacific Engineers

Koko Head Regional Park (2001). Group 70 International

Koko Head District Park and Shooting Complex (2001). Group 70 International

H-1 Resurfacing, Kalihi Street to Ola Lane (2001). Wilson Okamoto & Associates, Inc.

Noise/Odor Abatement Systems Program (2001). Brown and Caldwell

Lots #8 and #9, Waipahu Industrial Subdivision (2001). American-Standard Concrete Pumping

HECO Kapiolani-Keeaumoku Night Work Variance (2001). Hawaiian Electric Co.

County of Maui-North-South Collector Road Improvements, Kihei, Maui, Hawaii (2001). M&E Pacific, Inc.

DOD/VA/UH Biomedical Center, Tripler (2001). Wil Chee-Planning, Inc.

Kaanapali 2020 Master Plan EIS (2001). Munekiyo/Arakawa/Hiraga, Inc.

Lusitana Street Improvements at Kinau Off Ramp (2000). Engineering Concepts, Inc.

Hale Moku Navy Housing (SEI) (2000). Fukunaga & Associates, Inc.

Village Park Connector Road (2000). Engineering Concepts, Inc.

Kalo Passive Recreation Park (2000). Townscape, Inc.

Pohakuloa Training Area Master Plan (2000). Townscape, Inc.

South Kihei Road (Lipoa to Kulanihako) Noise Study (2000). Wilson Okamoto & Associates, Inc.

Keeaumoku Super Block Study (2000). Wal-Mart Stores

Ford Island Development Programmatic EIS (2000). Belt Collins & Associates

Kauai Electric Company Noise Measurements (2000). Kauai Electric Company

Pohukaina Park Assisted Living Facility (2000). Environmental Communications, Inc.

Blast Noise Effects on Oahu Elepaio (1999). Wil Chee - Planning, Inc.

HCDCH Waiamanalo Housing Project (1999). Mitsunaga & Associates, Inc.

HECO Kewalo-Kamoku Duct Line Noise Variance (1999). Hawaiian Electric Company, Inc.

Saddle Road Bypass (Queen Kaahumanu to Mamalahoa Highway) (1999). Okahara & Associates, Inc.

Farrington Highway (Waipahu) Noise Study (1999). Mitsunaga & Associates, Inc.

Fort Weaver Road 36" Water Main Noise Variance (1999). Engineers-Surveyors Hawaii, Inc.

Lower Honoapiilani Highway Noise Study (1999). Austin, Tsutsumi, & Associates, Inc.

Farrington Highway (Ft. Weaver Road to Golf Course Road) Noise Study (1999). Belt Collins & Associates

Lunalilo Freeway (Punchbowl to Kapiolani) Repaving Project Noise Variance (1999). Hawaii Pacific Engineers, Inc.

Archer-Kewalo Ductline (1998). Hawaiian Electric Co.

Block "J" Redevelopment (1998). Wilson Okamoto & Associates, Inc.

Oahu Commercial Harbors Master Plan EIS (1998). Wil Chee - Planning, Inc.

Mohouli Street Improvements, Phase III (1998). Y.K. Hahn

BWS Ala Moana 12-Inch Water Main (1998). Engineers-Surveyors, Inc.

H-1 Freeway Improvements (1998). R.M. Towill Corp.

Waiale Road/Lower Main Street Improvements (1997). Wilson Okamoto & Associates, Inc.

Kuihelani Highway Widening Project (1997). M&E Pacific, Inc.

Puuloa Road Improvements Project (1997). Akinaka & Associates, Inc.

MECO 232 Megawatt Power Plant EIS (1997). CH2M Hill

Hilton Hawaiian Village Sewer Line (1997). Belt Collins Hawaii

HECO 12kV Kamehameha Highway Ductline (1997). Hawaiian Electric Company, Inc.

Pohakulepo Base Course Production and Composting Facility (1997). Pohakulepo Recycling Partnership

HECO 25kV Iwilei - Nimitz Ductline (1997). Hawaiian Electric Company, Inc.

Kawailani-Iwalani-Ainaola Intersection Improvements (1997). Okahara & Associates, Inc.

Mohouli Street Extension Project (1996). Y. K. Hahn & Associates

Palau Compact Road Project (1996). Wil Chee - Planning, Inc.

Kuakini Highway Improvement Project (1996). Parsons Brinckerhoff

Diamond Head Guns (1996). Waikiki Trade Center

Chiller Noise Assessment (1996). Mt. Terrace Condominium

HECO Power Plant Noise Level Assessments (1996). CH2M Hill, Inc.

Honoapiilani Highway Widening from Kaanapali Parkway to Honokawai Bridge (1996). Austin, Tsutsumi & Associates, Inc.

Puainako Widening and Extension Project FEIS (1996). Y. K. Hahn & Associates

Princeville Master Plan EIS (1995). Princeville Corporation

Traffic Noise Levels at the Hausten Street Elderly Housing Project (1995). AM Partners, Inc.

Traffic Noise Study for the Salt Lake Boulevard Widening Project (1995). Akinaka & Associates, Ltd.

Vidinha Stadium Complex Expansion (1995). Akinaka & Associates, Ltd.

Variance of DOH Noise Regulations for Nighttime/Weekend/Holiday Construction of Manager's Drive Bridge Project (1995). AMFAC/JMB Hawaii, Inc.

Traffic Noise Levels at the Kaneohe Elderly Housing Project (1995). The Traffic Management Consultant

Noise Levels At The Wailuku Project (1995). Interisland Design Group, Inc.

Kealakaha Stream Bridge Replacement (1995). Engineering Concepts, Inc.

HELCO Keahole Generation Station EIS (1995). CH2M Hill, Inc.

University Park Development, University of Hawaii, Hilo (1995). Engineering Concepts, Inc.

Traffic Noise Study for Mamalahoa Highway Improvements (1995), Akinaka & Associates, Ltd.

Noise Study for the Kaloko Master Plan (1994). Pacific Land Services, Inc.

Kaupulehu Resort Expansion EIS (1994). Belt Collins Hawaii

Lihue-Hanamaulu Master Plan EIS (1994). AMFAC/JMB Hawaii, Inc.

Kealakaha Stream Bridge Noise Assessment (1994). Engineering Concepts, Inc.

Palaau Power Plant Noise Measurements (1994). Belt Collins Hawaii

Noise Assessment for New Family Housing at Helemano Military Reservation (1994). Wilson Okamoto & Associates, Inc.

Capitol Memorial Mall Parking & Annex EIS (1994). Wilson Okamoto & Associates, Inc.

Noise Assessment for Charles River Project (1994). Wilson Okamoto & Associates, Inc.

Gentry Waipio Truck Noise Measurements (1994). Gentry Properties

Hawaii State Convention Center EIS (1994). Wilson Okamoto & Associates, Inc.

Sasebo Naval Base Noise Assessment Study (1994). Wil Chee - Planning, Inc.

Noise Assessment for Gentry at Waiaka (1994). Parametrix, Inc.

Noise Assessment for Ka Ono Ulu Estates (1994). Munekiyo & Arakawa, Inc.

Noise Variance for Kaka'ako Improvement District 4 (1994). Engineers-Surveyors Hawaii, Inc.

Noise Assessment of Oahu Sugar Mill I-1 District Application (1994). AMFAC/JMB Hawaii, Inc.

U.S. Coast Guard Haiku Valley Housing EIS (1993). Fred N. Sutter & Associates, Inc.

Maui Community College Master Plan EIS (1993). Michael T. Munekiyo Consulting, Inc.

Ko Olina Helipad Facility (1993). Wilson Okamoto & Associates, Inc.

Kailua 272 Water Reservoir Project (1993). Engineering Concepts, Inc.

Wailea Ranch EIS (1993). Wilson Okamoto & Associates, Inc.

Schuler Waikele Homes Parcel 14 Noise Study (1993). Schuler Homes, Inc.

West Hawaii Power Plant Noise Study (1993). CH2M Hill

H-2 Mililani Southbound Ramps Noise Study (1993). Castle & Cooke Residential, Inc.

Koloa-Poipu Bypass Road Noise Study (1993). Wilson Okamoto & Associates, Inc.

Pearl Harbor Housing SEI (1993). Barrett Consulting Group, Inc.

Maalaea Unit 15 Noise Measurements (1993). Maui Electric Company, Ltd.

ABB Cogeneration Plant Noise Measurements (1993). ABB Resource Recovery Systems

Maui Prince Hotel Banquet Facilities SMA (1993). Michael T. Munekiyo Consulting, Inc.

Kuhio Highway EIS (1992). Pacific Planning & Engineering, Inc.

Foster Gardens Estate Project (1992). Architects Hawaii Limited

Park Place Project (1992). AM Partners, Inc.

Keahole Generating Station EIS (1992). CH2M Hill.

Napili Hau Villages Project (1992). JGL Enterprises.

Paradise Cove Master Plan Project (1992). William E. Wanket Inc.

Wheeler/Schofield Housing EIS (1992/1993). Wil Chee - Planning, Inc.

Maui Electric Company Puunene Generating Station (1992). Belt Collins & Associates.

Tripler Animal Care Facility EIS (1992). Wilson Okamoto & Associates, Inc.

Mariculture Research & Training Center (1991). Oceanit Laboratories, Inc.

Wailua Street Realignment (1992). Hawaii Kai Development Company.

Mokuleia Land Company EIS (1991). Belt Collins & Associates

Hana Town Center (1991). Pacific Planning & Engineering, Inc.

School Site, Wailuku Project District, (1991). PBR Hawaii.

Hawaiian Cultural Center, Air Conditioning Plant (1991). Kauahikaua & Chun Architects

Heleakala Planned Community and Golf Course (1991). Wil Chee - Planning, Inc.

Paawa Redevelopment Project (1991/1993). Wilson Okamoto & Associates, Inc.

FHA/HUD Elderly Housing Project Near Philip Street (1991). KOP Hawaii.

AMERON HC&D Kaukonahua Quarry (1991). Tyrone T. Kusao, Inc.

Waipahu High School, New Administration Building (1991). Pacific Architects, Inc.

Kukio Beach Resort, Future Golf Course Clubhouse (1991). Huehue Ranch Associates, L.P.

Lahaina Bypass Highway SEIS, Lahaina, Maui (1991). AMFAC Property Investment Corp.

Kawaihae Ten-Year Master Plan (1991). R.M. Towill Corporation

Hana Ranch Golf Course and Clubhouse (1990). Pacific Planning & Engineering, Inc.

Noise Study for Waikele (1990). Mililani Town Inc.

Kahana Gateway, Professional Building Cooling Tower (1990). McDonald's of Hawaii Development Company

Noise Study for Lualualei Golf Course (1990). Hida, Okamoto & Associates, Inc.

Noise Study for West Molokai Site (1990). Alpha U.S.A., Inc.

Noise Study for Kekaulike Parking Lot Redevelopment, Phase I (1990). Wilson Okamoto & Associates, Inc.

Noise Study for Manele Golf Course, Lanai, Hawaii (1990). Belt Collins & Associates

Expert Witness for McCully Associates Zoning Variance (1990). City Department of Land Utilization

Kailua Elderly Housing Project (1990). AM Partners, Inc.

Waikikian Hotel EIS (1990). Tyrone T. Kusao, Inc.

Noise Study at Puna Generating Station (1990). Hawaii Electric Light Company, Inc.

Noise Study for Kealakekua Bay Club, Kona, Hawaii (1990). Royal Coast Development Corporation

Noise Study for 2896-09 Hickam AFB Housing (1990). Wilson Okamoto & Associates, Inc.

Noise Study for MOUT Facility, South Range, Schofield Barracks (1990). Wilson Okamoto & Associates, Inc.

Noise Study for Edwin Thomas Home (1990). Department of Housing & Community Development

Nimitz Highway Relief Sewer Project (1990). Shimabukuro, Endo & Yoshizaki, Inc.

Noise Study for Kaahumanu Parking Structure Redevelopment (1990). R.M. Towill Corporation

Noise Study for Lands of Kau (1990). Nansay Hawaii, Inc.

Noise Variance for Nimitz Highway Section 1, River Street Sewer (1989). Fujita & Associates, Inc.

Noise Study for Hanamaulu Town Concept Plan (1989). Helber Hastert & Kimura, Planners

Noise Study for Proposed Smith-Beretania Parking Lot Redevelopment (1989). Kajioka, Okada & Partners, Inc.

Noise Study for Kealakehe Master Plan and EIS (1989). Belt Collins & Associates

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