

Araujo, Jaclyn

From: Thorne Abbott <coastalplanners@gmail.com>
Sent: Tuesday, June 20, 2023 8:46 PM
To: Planning Internet Mail
Subject: Annual Submittal, Community Planning by Coastal Planners, LLC
Attachments: COH Prof Services Coastal Planners FY2024.pdf

Aloha

Please see the attached for PL3, 4, 5, 6 & 7.

Mahalo!

Thorne Abbott

Coastal Planners, LLC

(808) 344-1595

www.CoastalZone.com

FROM: Thorne Abbott
Coastal Planners, LLC
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EIN# 46-3997511
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117 Loi Pohaku Place
Wailuku, HI 96793
Tel: 808-344-1595
Email: Thorneabbott@yahoo.com



TO: Mr. Zendo Kern, Planning Director
Planning Department
County of Hawai'i
101 Pauahi Street, Suite 3,
Hilo, Hawai'i 96720

Re: ANNUAL Statement of Qualifications and Expression of Interest for Community Planning PL.3, 4, 5, 6, 7

Dear Mr. Kern:

I am pleased to submit a statement of qualifications for professional planning, permitting and environmental services by Coastal Planners, LLC. We would be delighted to assist the Department in the coming year with permitting, environmental review, erosion response, sea level rise, and planning needs, among them:

- ✓ Special Management Area permits
- ✓ Shoreline Setback Determinations, Approvals, Variances
- ✓ Environmental Assessments and Environmental Impact Statements
- ✓ Conservation District Use Permits
- ✓ Department of Army permits
- ✓ Ecological and Environmental Studies
- ✓ Watershed Planning and Management,
- ✓ Subdivisions and other land use and environmental services

We specialize in Special Management Area, Shoreline Setback, and Conservation District Use Permits, Environment Assessments, Beach and Coastal Erosion Response, Restoration and Shoreline Armoring, Watershed Planning, Constructed Wetlands and Stormwater Management, and other planning and land use entitlement services. We also have extensive experience in Hawaii, Asia and the Pacific in developing community-based marine protected and marine managed areas and programs to enhance fisheries and conserve coral reef resources. We have successfully developed endangered species mitigation banks and management plans, ecological and wetland restoration actions and monitoring, and the development of policies and regulations to sustain natural resource use such as hunting and fishing regulations.

I have personally been responsible for facilitating amendments to Maui County's Shoreline Rules (12-203) and SMA Rules (12-202), Kauai's Shoreline Ordinance, and the Hawaii Coastal Zone

Management Act (HRS 205A) regulating coastal zone areas in collaboration with the State Office of Planning and the Sierra Club. I have also contributed to revisions of HRS Chapter 343 relating to implementation of the environmental review process (HAR 11-200-8). I have also processed Environmental Assessments and over 800 SMA assessments on all three islands within Maui County and in each County of the State of Hawaii. As such, I am well-versed in what opportunities these laws and procedures offer an applicant.

Our firm is adept at understanding and resolving multi- and cross-jurisdictional issues, especially shoreline projects that involve coastal erosion, flood zones, shoreline hardening, beach restoration and/or Conservation Districts. We have successfully collaborated with county, federal, and state agency personnel on a wide variety of issues, in part because we appreciate and respect their kuleana. We are keenly familiar with, and have helped clients gain approvals for land use and development projects pursuant to Hawaii State Land Use Laws (HRS 205, 205A, 343 and 183C), State and County Special Use Permits, US Corp of Engineers permits, Coastal Zone Consistency Determinations, and Maui County Code Titles 19, 20, 18, and 16.

We have over two decades of coastal planning experience in Island environments and over a decade of experience in Hawaii.

Name of Firm:	Coastal Planners, LLC
Managing Member:	Thorne Abbott
Location of Offices:	Wailuku, Maui, HI
Established:	October 2013*
Employees:	Two (2)
Education:	Thorne Abbott - Masters of Science, Coastal Zone Management Yunmi Lim Abbott – Bachelors of Marketing

*Coastal Planners, LLC was formerly CoastalZone.com, established in 1997 and licensed in the State of Hawaii since 2003.

Please see the enclosed resume that lists projects completed as a independent firm, private consultant, Maui County regulator, and in non-profit efforts in the Hawaii and Asia/Pacific community. We have enclosed letter's of recommendation from past clients and from several appointments. A full range of coastal and environmental permitting and land entitlement services is available from our firm, conducting business on Maui, Kauai and Oahu, with home offices located in Maalaea, Maui.

Please feel free to contact me by phone at (808) 344-1595 or email at Thorneabbott@yahoo.com if you have any questions or would like additional information. We would be delighted to assist in your endeavors and look forward to serving the government's interests.

Mahalo!



Thorne Abbott
Coastal Planners, LLC

Attachments: Itemization of projects completed / professional resume.
Letters of recommendation from previous clients. Letters of appointment.

Client Referrals:

We have built a reputation with our clients to solve problems with innovative solutions and an intimate understanding of the laws, rules, and processes that regulate land use.

1. Maui County Planning Department, Coastal Zone Management Program*
James Buika, Principle Investigator. 808-270-6271
Suite 619, One Main Plaza, 2200 Main Street, Wailuku, HI 96793
James.buika@mauicounty.gov, taram@hawaii.edu
2. Kulakane Condominium, Ernie Dankas, past President
3741 Lower Honoapiilani Road, Lahaina, HI 96761 wdankasco@icloud.com
3. Big Beach Films, Marc Turtleaub
- oceanfront property owner on Big Beach, Maui
Tel: 360-376-7501, 310 459-4444
marc@bigbeach.com,
2725 Olinda Road, Makawao, Maui, HI 96768.
4. Maui Dry Dock & Boat Storage, James Coon, Treasurer. 808-270-9813
1455 South Kihei Road, Kihei, HI 96753 Jeff@mauidiveshop.com
5. Waikiki Trader Corporation, Craig Shaner, CFO. 808-463-7600 / 483-7610
99-061 Koaha Way, Aiea, HI 96701 CShaner@waikitrader.com
6. Planning Consultants Hawaii, Michael Summers, President. 808-269-6220
2331 West Main Street, Wailuku, HI 96793. msummers@planningconsultantshawaii.com
7. Tara Owens, UH Sea Grant. 808 463-3868
Suite 619, One Main Plaza, 2200 Main Street, Wailuku, HI 96793 taram@hawaii.edu



STATE OF HAWAII
STATE PROCUREMENT OFFICE

CERTIFICATE OF VENDOR COMPLIANCE

This document presents the compliance status of the vendor identified below on the issue date with respect to certificates required from the Hawaii Department of Taxation (DOTAX), the Internal Revenue Service, the Hawaii Department of Labor and Industrial Relations (DLIR), and the Hawaii Department of Commerce and Consumer Affairs (DCCA).

Vendor Name: COASTAL PLANNERS LIMITED LIABILITY COMPANY

DBA/Trade Name: COASTAL PLANNERS LIMITED LIABILITY COMPANY

Issue Date: 06/20/2023

Status: **Compliant**

Hawaii Tax#:

New Hawaii Tax#: GE-1807867904-01

FEIN/SSN#: XX-XXX7511

UI#: XXXXXX0495

DCCA FILE#: 110385

Status of Compliance for this Vendor on issue date:

Form	Department(s)	Status
A-6	Hawaii Department of Taxation	Compliant
8821	Internal Revenue Service	Compliant
COGS	Hawaii Department of Commerce & Consumer Affairs	Compliant
LIR27	Hawaii Department of Labor & Industrial Relations	Compliant

Status Legend:

Status	Description
Exempt	The entity is exempt from this requirement
Compliant	The entity is compliant with this requirement or the entity is in agreement with agency and actively working towards compliance
Pending	A status determination has not yet been made
Submitted	The entity has applied for the certificate but it is awaiting approval
Not Compliant	The entity is not in compliance with the requirement and should contact the issuing agency for more information

**President,
Coastal
Planners, LLC**

**Serving over 100
satisfied Clients
since 2013**

Discipline Area

- > Coastal Management
- > Protected Species
- > Conservation Areas
- > Policy Formation
- > Public Participation
- > Stakeholder Inclusion
- > Erosion Response
- > Managed Retreat & Adaptive Realignment
- > Shoreline & Coastal Permitting
- > EIS/EA
- > SMA/CDUP
- > Shoreline/ROE

Years' Experience:
20+

Education

2005 / Doctoral Studies
University of Hawaii
Department of Urban &
Regional Planning

2000 / Post-Masters
Coastal Planning
University of Maryland
Solomon's Island
Research Lab

1998 / Masters of
Science Environmental
Management
James Cook University
Townsville, Australia

1993 / Bachelors of Arts
Environmental Studies
West Virginia University
Morgantown, WV

Thorne Abbott

www.CoastalZone.com
117 Loi Pohaku Place
Wailuku, Maui, HI 96793
Tel: 808-344-1595
ThorneAbbott@yahoo.com

Summary of Experience

Mr. Abbott is an experienced coastal manager and environmental planner. His efforts to improve proposed developments by capitalizing on innovative natural resource conservation have led to worldwide experience in Vietnam, Singapore, Thailand, Japan, Indonesia, the Northern Mariana Islands, Australia, Turkey, Holland, and Hawaii, among others. Mr. Abbott's expertise integrates four broad topical areas including; constructed wetlands, water quality and watershed planning; shoreline, beach and coastal management; protected areas, species of special concern and sanctuary's; and policy, permitting and law. Mr. Abbott has worked in the government, non-profit, education and research, and private sectors. Based on that experience, he has served as a shoreline and coastal resources expert and has helped develop cross-jurisdictional, multi-sector approaches to solving complex coastal and environmental problems. He co-chaired a two-day seminar on shoreline law in Hawaii and has authored peer reviewed methods to balance competing interests and promote sustained use within the coastal zone. He is active in the coastal community and serves on the Hawaiian Islands Humpback Whale National Marine Sanctuary Advisory Committee, the Northwestern Hawaiian Island Coral Reef Ecosystem Research Advisory Council, and the State Natural Area Reserves Commission as appointed by Governor Ige. He also served on the Hawaii Audubon Society Board of Directors, Hawaii Ocean and Coastal Council, and Chaired the Legacy Land Conservation Commission to which two Governor's appointed him.

Conservation & Protected Areas

Natural Resource Planning, Kahana Beach Park, Maui, HI. Authored a natural resources report that identified environmental constraints and opportunities at Kahana Beach Park in support of master planning efforts for the future use of this popular County facility. Created GIS-based maps illustrating natural resources such as sand dunes, wetlands, flood inundation and erosion prone areas. Identified areas for native species restoration, established opportunities for easily maintained interventions to prevent habitat degradation from human use, laid out appropriate pedestrian trails, bike paths, and educational opportunities. Developed human use areas, as well as areas needing greater protection, management, and conservation actions. Presented findings and facilitated public discussion regarding identified natural resources, proposed management plans, and prudent strategies for balanced use and ecological conservation activities during several public evening and stakeholder meetings for the Maui County Department of Parks and Recreation.

Conservation Area Planning, Lipoa Point & Honolua Bay, Maui, HI. Authored a Natural Environment Coastal Report for this newly acquired 244-acre site in West Maui. The report identified natural and environmental resources, constraints, opportunities, and land use entitlements. It evaluated permitting requirements and regulatory frameworks for a range of potential improvements identified by agencies, stakeholders, and the public. Recommendations for the long-term sustainable use of this unique, undeveloped property were provided to serve as a basis for master planning by the State Department of Land & Natural Resources.

He'eia State Park, Traditional Koa Canoe Hale and Education Pavilion, Oahu, HI. Authored City Special Management Area and Shoreline Management permit applications. Facilitated Land Board and agency acceptance of an Environmental Assessment Exemption for the construction of new education center by the Pukea Foundation, in collaboration with Kama'aina Kids. The facility will allow 'Uncle Bobbie' to continue sharing traditional Koa canoe and paddle making techniques while educating participants in cultural, coastal and environmental issues and sustainable practices.

Publications

33 peer-reviewed publications and presentations in various forums such as:

International Journal of Ocean and Coastal Management

Journal of Environmental Design Research

American Society of Civil Engineers

Managed Realignment, Springer Books (contributing author)

The Beach Management Plan for Maui, 2008 (co-author)

Maui Coral Reef Recovery Plan (contributing author)

NOAA Coastlines

Coastal Zone Conferences 1999 – 2011

IUCN/WWF publications

Pacific Islands Fishery News

Presentations to WESTPac and the US Coral Reef Task Force.

WEF/WERF Conferences and Journals

Publications may be viewed online at <http://...http://www.coastalzone.com/research.htm>

Wetland & Biological Resources Evaluation, Guam. In support of an EIS for proposed military expansion on Guam, assisted with reporting on the quality, type, diversity, species richness and abundance, and threats to wetlands, flora and fauna.

Kagman Wetland Educational Exhibit, CNMI. Lead consultant for the design and content of four interpretive wetland signs, funded by the National Resource Conservation Service. The multi-lingual signs target student audiences to inform them of the importance of wetlands within the landscape. Responsibilities included text, graphics, indigenous language translation, integrating and formatting high-resolution photographs, use of local names, places and native species, and writing in Chamorro, Carolinian and English languages.

Marine Protected Area Effectiveness and Evaluation of Indicators for the IUCN/WWF. Lead Local Evaluator for an international study of governance indicators of protected areas. The project tested a suite of indicators for their applicability and usefulness in determining effective management, site planning, and implementation strategies of marine conservation areas and sanctuaries. Serving as one of 23 international test sites, locally appropriate socio-economic, biophysical and governance indicators were developed for evaluation. This culminated with a global decision-making matrix to accurately gauge and compare conservation planning and management success. Results of the collaborative international project were published by the IUCN/WWF in *How is your MPA doing?* by R. Polmeroy in 2006.

Marine Protected Areas Inventory, NOAA National MPA Database. Completed a full inventory of the CNMI's marine conservation areas, sanctuaries, and managed areas for NOAA's national MPA initiative. Researched and developed site information, visitor activities, created GIS shape files, aerial and topographic maps, and evaluated permissible and prohibited activities, legal designations and authority. Posted all information to NOAA's federal marine protected area website and database. Designed the CNMI DFW website to incorporate this information and disseminate public outreach material. The project received national recognition for being the first State or Territory to complete its inventory as noted in Pacific Islands Fishery News and NOAA's Coastlines quarterly magazine.

Educational Website, Division of Fish & Wildlife, CNMI. Created the agency's website which describes native and endangered species, offers downloadable materials, permit applications, maps of protected areas, teacher packets, informational brochures, tide charts, and describes the agencies services. Rules and regulations, boat ramp and fish aggregating device locations, marina rules, fishing and hunting rules and licenses, and staff contacts are also provided. The site had printable maps of the network of conservation areas and icons for allowable and prohibited activities. The site was recognized for its excellence by the NOAA Coastal Services Center in a 2004 edition of *Coastlines*.

Endangered Species Mitigation Bank, CNMI, Co-author of an innovative, adaptive management Plan for the long-term protection of the Nightingale Reed Warbler, a federally listed endangered species. The U.S. Fish & Wildlife Service approved the plan that serves as mitigation for the incidental take of critical habitat and/or wildlife and presented the Plan at the National Mitigation Banking Conference.

Environmental Monitoring and Marine Protected Area (MPA) Site Planning, Great Barrier Reef Marine Park Authority, Townsville, Australia. Devised and field tested a new method of environmental monitoring and MPA site planning for the agency. Conducted meetings and developed collaboration among stakeholders to promote sustainable use of a high-use dive and snorkel site within the MPA. Developed proposals, status and technical reports, tracked budgets, designed the equipment and sampling methods, conducted field work, performed statistical analysis, verified observations with benthic surveys, and published the final results.

Current Philanthropy

Co-Chair, Hawaii's
Shoreline: Legal &
Regulatory Issues, Sea
Level Rise and
Adaptation

Hawaiian Island
Humpback Whale
National Marine
Sanctuary Advisory
Council

Maui Nui Marine
Resource Council Coral
Reef Recovery Team

Previous Philanthropy

Governor's appointments
– Chair, Legacy Land
Conservation
Commission

– Hawaii Ocean &
Coastal Council

Board of Directors,
Hawaii Audubon Society

U.S. Delegate, World
Parks Congress

Board of Trustees, Maui
Coastal Land Trust (now
Hawaii Island Land
Trust)

Hawaii Coastal and
Estuarine Land
Conservation Plan
Advisory Committee

Hawaii Ocean Resource
Management Plan
Working Group

Maui County Marine
Mammal Stranding
Network

US Coral Reef Initiative
Navigator

Pine Creek Land
Conservation Trust

Policy & Regulatory Development

Legislative & Regulatory Amendments. Facilitated two significant amendments to the Hawaii Coastal Zone Management Act, Hawaii Revised Statutes Chapter 205A and prevented a third from passage. Contributed to revisions of Hawaii's Environmental Review law (HRS 343) and regulations (HAR 11-200). Routinely advised the public, developers and the Maui, Lanai and Molokai Planning Commissions on coastal and environmental issues, and conducted annual training for each Commission and County Council. Served as an expert witness in legal proceedings, depositions and lawsuits and frequent guest speaker / lecturer on coastal issues. Authored seven amendments of county shoreline and SMA rules to strengthen coastal management and streamline project permitting.

Beach Management Plan for the Island of Maui, HI. Co-author of the Plan that describes best practices for managing and conserving beaches, shoreline access, dunes, and discerning appropriate response to coastal and episodic erosional events. The Plan addresses 13 priority objectives, including sea level rise, reef ecosystems, beach nourishment and coastal erosion and hazard data. The Plan offers practical, integrated recommendations and tools to solve coastal erosion and oceanfront development issues. New development proposals are expected to address consistency with the Plan's recommendations in recognition of its incorporation by reference into the Maui Island (General) Plan ordinance.

Shoreline Setback Ordinance, Kauai, HI. Policy Analyst, Joint Author and Speaker in collaboration County Council, the Planning Department, and Sea Grant. Developed an innovative shoreline setback ordinance for the island of Kauai that incorporates building lifespan, footprint, and site-specific coastal erosion rates with incentives to encourage managed retreat from the shoreline for oceanfront developments. The multi-year collaboration included multiple presentations to the Kauai County Council and Planning Commission, guest appearances on radio talk shows, and training workshops for regulatory and disaster management personnel.

Shoreline Setback Regulatory Implementation, Maui, Molokai, Lanai, HI Established appropriate locations for building construction based on historic shoreline positions. Determined setbacks by using GIS, aerial photographs, parcel depth, property configuration and substrate information. Provided site plan alterations to ensure public beach access was maintained and to minimize or avoid adverse impacts to coastal, beach and shoreline resources while minimizing potential property damage from coastal hazards and shoreline erosion. Enacted new procedures to protect beaches and structures and recommended alternatives to shoreline hardening. Where appropriate, assisted landowners with the design, location and permitting of shoreline hardening in response to erosion crisis.

Commercial Fisheries Act and Workshop, CNMI, Guam. Coauthored a new, innovative law to regulate commercial, subsistence and recreational fishing in the CNMI. Worked with the Attorney General's Office, Senate sub-committee for Natural Resources, and Department of Land and Natural Resources to jointly author the legislation, subcommittee report, and supporting documents. Analyzed regional fisheries laws and regulations between Guam and CNMI and developed presentations for the first Pacific Fisheries Workshop, held in Guam. Helped commercial, recreational and subsistence fishermen from the CNMI and Guam create a decision-making process to maintain, sustain and regulate regional fishing.

Marine Sanctuary Enforcement, Saipan, CNMI. Obtained funding and purchased two Boston Whaler boats and equipment for enforcement officers. Conducted training to the officers on the proper adjudication of violations of fishing, hunting, harvesting and sanctuary regulations. Consolidated disparate regulations into a cogent set of rules and developed outreach materials, signs, brochures and multi-lingual maps with icons for the tourism industry to educate marine park users.

Continuing Education

Easements in Hawaii
(The Seminar Group)

NEPA & Section 7
Updates

(USCOE)

Water Quality Permitting
(USCOE)

Ethics in Planning

(HI APA)

Watershed Planning
(USEPA)

Comprehensive
Conservation Plans
(USFWS)

Community Profiling &
Identity (USEPA)

Effective Presentation
Skills (AMA)

Negotiation & Mediation
Techniques (AMA)

Coral Reef Histology
(George Wash. Univ.)

East West Center
Affiliate

Environmental Impact Assessment

Honolulu Seawater Air Conditioning, HI. Developed and facilitated the approval and processing of the project's Special Management Area, Shoreline Variance, Community Development and Conservation District Use permits, and supporting environmental assessment through public hearings, discourse, and engaging decision makers. Co-authored and completed Coastal Zone Consistency Determinations and State and Federal Environmental Impact Statements for the project. This innovative, private utility-scale, energy conservation project uses cold seawater to cool a closed-loop air-conditioning system that will serve up to 65 high-rise buildings in downtown Honolulu, Hawaii, substantially reducing potable water use and wastewater generation, as well as saving considerable energy.

Hawaii Environmental Assessment (HEPA) – Marine Research Center Relocation Pier 34/35, Oahu, HI. Managed agency and public comments, responses, revisions of the Draft EA, public notification, dissemination and distribution of the Final EA, and issuance of the FONSI by the Hawaii Department of Transportation in order to relocate and expand the University of Hawaii's Marine Research Center in Honolulu Harbor, Oahu, HI.

Hawaii Environmental Assessment (HEPA) - Barber's Point Redevelopment, Kapolei, HI. Assisted the Hawaii Army National Guard with relocating troops, equipment and personnel to Kalaheo as part of the Barber's Point redevelopment efforts. Served as the contributing author to the federal and state environmental assessment (EA) for which a Finding of No Significant Impact was issued. Additionally, I wrote a traffic assessment in support of the EA, which was accepted by local and state transportation agencies, as well as the National Guard Bureau in Alexandria, VA. I arranged and facilitated public outreach, Neighborhood Board and agencies meetings, was responsible for the publication and production of the EA, gathering and responding to public / agency comments and coordination with the National Guard personnel.

NEPA - Federal EIS - Guam and CNMI Military Relocation from Okinawa, Japan. Facilitated the development of specific mitigation measures and best management practices for the EIS. Ensured that each measure was consistent between the four separate proposed actions and internally consistent between and across resources. Internal and intra-resource consistency was of critical importance since the measures became part of the Record of Decision and are legally enforceable.

NEPA – Federal Supplemental EIS (SEIS) – Department of Defense (DOD) Military Relocation from Okinawa, Japan to Guam. Contributing team author for the cumulative impact section. The SEIS evaluated the proposed action in light of past, present and reasonably foreseeable actions. Evaluated the potential impacts of collective actions by DOD and non-DOD parties and their additive effects relative to each of 13 alternatives considered in the SEIS. Required evaluating all currently permitted and proposed projects, their location and effect, and cumulative effect on natural, coastal, recreational, and environmental resources and public infrastructure.

NEPA - Federal Overseas EIS - Marine Corps Live Fire Training, CNMI. Socioeconomic analysis of the proposed action including developing questionnaires, lists of interviewees, and creating primary and secondary data sources. Facilitated stakeholder, agency, political actors, and decision maker interviews, topical research, and assessments of the potential impact of the proposed action and its alternatives on social and economic viability, environmental justice, public health, welfare and growth, particularly on the islands of Pagan, Tinian and Saipan.

Community Planning & Public Outreach

Employment History

Coastal Planners, LLC
117 Loi Pohaku Place
Wailuku, HI 96793
2013-current

Cardno TEC, Inc,
Honolulu, HI
2009 - 2013

Maui County Planning
Department, Wailuku, HI
2004-2009

CNMI Division of Fish &
Wildlife, Saipan, CNM
2001-2004

University College /
College of Southern
Maryland, College Park
La Plata, MD
1999 - 2002

Water Environment
Research Foundation,
Alexandria, VA
1996 - 1999

CRC Reef Research
Center, Townsville,
Queensland, Australia
1994 -1995

References & Referrals
provided upon request

Post-Disaster Reconstruction Guidelines and Protocols for Maui County.

Coastal Planners is the lead for developing a series of guidelines and protocols to facilitate expeditious reconstruction after a major coastal storm while protecting and conserving important community cultural and natural coastal resources. Project involves locally sensitive protocols based on community input through focused workshops. A Project Advisory Group representing a cross section of Federal, State and County officials, and deliberation of the project's ideas with academics and government regulators at the PRiMO Conference and quarterly ORMP meetings.

Walk Story, Maui Island Plan 2030. Facilitator for a 2-day workshop where 60+ participants established urban growth boundaries through charettes, interactive density and mapping exercises, and delineated growth centers for year 2030.

Maui Island Plan (MIP), 2030. Jointly-authored coastal, recreation, habitat, watershed and natural resource sections of the MIP developing goals, objectives, strategies, and benchmarks, plus funding needs to achieve the Island's sustainable growth to 2030. Collaborated with General Plan Advisory Committee members to vet the documents and revise the document to address GPAC member concerns and needs.

Public Involvement Plan, Tinian, CNMI. Developed a public involvement plan (PIP) and sensitivity workshop for the US Marine Corp and Navy. The PIP supported scoping exercises for a NEPA-based Overseas EIS. The PIP helps engage the CNMI residents in decision making on live fire training of troops from overseas. Issues addressed in the PIP include environmental, coastal, marine, socio-economic, cultural, water, public safety, transportation, and shoreline access issues.

Hawaii's Ocean Resource Management Plan, HI. Generated public and Native Hawaiian support and input for new approaches and strategies to manage Hawaii's coastal resources as a member of the Hawaii Ocean and Coastal Council. Subsequently served as a contributing author in collaboration with 24 other agency representatives for the development of a long-range plan to sustain, protect and conserve Hawaii's coastal resources. Looking towards traditional resource management paradigms, Hawaiian concepts of ahu' pua'a, were incorporated into the Legislatively accepted, cross-sector, multi-agency approach to managing Hawaii's coastal resources for the next five years. Implementation of the plan included ongoing, active participation on the ORMP Working Group, reporting on progress and milestones achieved, and collaborative projects.

Community-based Natural Reserve Zoning, CNMI. Lead Consultant to develop user-friendly rules and regulations, and maps that could be easily implemented and were consistent, for all protected areas in the CNMI. Using laminated maps and markers, stakeholders, including community and village leaders, small and large business interests, fishermen, marine sports operators, tourists and tour companies, recreational interests, and members of the public described where and what activities they conducted in protected areas. Through one-on-one and community-based discussions the variety of stakeholder's needs and interests were mapped, compiled and analyzed. Created GIS shape files for each protected area based on topographic maps, areas of trade-off, and/or mutually beneficial exclusion areas. Maps and site descriptions were developed that delineated each protected area in various zones including active use, passive use, no take, limited take, restoration, and restricted entry. Penalty and use matrixes were also developed to facilitate public understanding of permitted and prohibited activities (and their costs) and to help enforcement officers determine the correct penalty to assess for violations.

Coastal Planning & Permitting

Kapalua Public Access Trail Planning and Permitting, West Maui, HI. Provided planning and permitting assistance for a new coastal trail on West Maui. The 3.5-mile coastal trail connects five beach areas, expanded parking lots, improved comfort facilities, and areas with stunning oceanic views. Helped the landowner obtain coastal, shoreline and conservation district use permits and obtained authorization through public hearings and outreach meetings, including mediating and serving as a subject matter expert during contested case processes.

SAND Alt - Sea Level Rise Risk Management. Obtained \$87,500 in competitive federal funding for a GIS-based oceanfront development and shoreline hardening risk model (SAND-Alt). The model is intended to incorporate sea level rise and flood inundation based on LiDAR, coastal erosion rate data, cultural preservation and ocean recreational sites, and a priority planning tool to determine which areas may harden the shoreline and which should be required to retreat from coastal hazards.

Beach Conservation, Managed Retreat and Shoreline Access Improvements, Maui, HI. Implemented beach restoration approaches to respond to coastal hazards along Maui's shorelines by facilitating the removal of seawalls and shoreline armoring as the County's shoreline planner. Improved beach access, increased public parking and restored shoreline and coastal trails at seven locations including five oceanfront resorts that relocated high-rises, buildings, and infrastructure inland based on projected beach erosion, sea level rise and shoreline retreat.

Managed Retreat at the Maui Lu, Kaanapali Ali'i, Maui Palms, Royal Lahaina, and private oceanfront landowners implementing site-specific avoidance strategies. Obtained high-quality sand resource allocations from Ameron Cement to help restore eroded beaches. Developed water quality monitoring plans, processed necessary permits, obtained government approvals, and garnered community and landowner support through public hearings and meetings. Gained community involvement in eight volunteer-based beach nourishment and dune restoration projects, including dune walkovers, native plant restoration, educational signage, and beach conservation outreach activities.

Coastal Adaptive Redevelopment Planning, Wailea, HI. Responsible for gaining Commission approval of a \$19 million renovation to the **Wailea Marriott Resort**, including renovating a 552-room hotel, cluster development and managed retreat from the shoreline including relocation of a 3-story building and a sewer trunk line.

Managed Retreat Planning and Permitting, Maui County, HI. Responsible for coastal and environmental permitting of the 439 acre **Ukumehame subdivision**. The action resulted in 45 agricultural lots, a 77-acre protected riparian lot, and a 100 acre 1.4 mile lineal coastal park. Land was also allocated for the inland relocation of a major highway out of the erosion hazard and tsunami inundation zone.

Seawall Repairs, Various West Maui Condominiums, Maui, HI. Facilitated federal, state and/or county government approvals for repairs to failing seawalls for seven 1970s era condominiums facing erosion crisis along West Maui's changing coastline. Garnered government approval for drainage enhancements, created new public access paths to the shoreline and developed best management practices accepted by the US Army Corps of Engineers, Department of Land and Natural Resources, and County authorities. Authored compliance reports and assembled teams of professionals to develop sound strategies for erosion response.

Subdivisions, Waialua, Oahu & Napili, Maui, HI. Conducted a feasibility analysis of the potential to subdivide residential oceanfront property on the north shore of Oahu along a sandy, dynamic coastline. Processed a 2-lot residential subdivision and handled all utility and infrastructure upgrades to County standards.

Land Use Entitlements, Palauea Beach, Maui, HI. Developed a cogent, thorough analysis of land use entitlements and options for use of oceanfront property having conflicting land use designations (Park and Residential). The assessment critically evaluated land use history, regulatory "takings" lawsuits, and public involvement while avoiding, minimizing and mitigating the proposed use's adverse impacts to coastal, environmental, archaeological, and public recreational use of a beach park. The assessment resulted in favorable approval of the landowner's preferred use, while setting a new standard for the quality and content of submissions to the county Planning Department and resulted in policy changes for conducting evaluations when there are inconsistencies in a property's land use entitlements.

Subject Matter Expert, Coastal and Shoreline Resource Planning, Maui County, HI. Lead Planner for actions within the coastal zone of Maui, Molokai, and Lanai Islands. Assessed proposed development projects in relation to ten integrated coastal management objectives; summarized impacts and recommended prudent mitigation measures to avoid, minimize and mitigate negative outcomes. Evaluated land use entitlements and their conformance with community plan, zoning, and state land use designations and restrictions. Reviewed and assessed traffic impact analyses, archaeological inventory/monitoring plans, drainage reports, environmental assessments (DEA/FEA/DEIS/FEIS), view plane analyses, landscaping plans, wetland delineations, flood hazards, shoreline surveys, architecture, building schematics and site plans. Conducted public hearings, processed public participation notifications, and presented development projects to decision making bodies and authorities. Authored final reports, findings of fact, conclusions of law, and recommended conditions of approval for each project.

Utility, Site & Transportation Planning

Dry Dock Boat Repair, Inspection and Storage Facility, Kahului, Maui, HI. Analyzed the feasibility of a boat maintenance facility with long-term trailered vessel parking and dry dock services for repairs and inspections of vessels up to 75 feet long. Analyzed land use, environmental issues, drainage and landscaping, permitting plan, community and agency concerns, and requisite studies. Presently developing an Environmental Assessment and Conservation District Use permits.

Kauai Fuel Terminal SMA and Zoning Permit Approval. Authored applications to obtain various approval for renovations and improvements to a fuel terminal at Nawiliili Harbor, including installation of new impervious liners, ecology block retaining walls, new fuel conveyance system, and restoration of the existing fuel tanks to enhance resiliency to coastal hazards.

Solar Utility-Grade Production Facilities, Oahu, Maui, Big Island, HI. Developed various City, County and State land use and Special Use applications and supporting cultural and environmental information to facilitate utility scale energy production from PV, Concentrated PV, and PV with on-demand storage system projects in Oahu, the Island of Hawaii and Maui County. Worked closely with the DBEDT Energy Division and State Land Use Commission office to facilitate expeditious approval of these innovative renewable energy projects.

Hydroelectric Plant Development - Federal Energy Regulatory Commission (FERC) and Phase I Environmental Site Assessment (ESA), Kauai, HI. Prepared a list of requisite permits and approvals and wrote environmental portions of the Federal Energy Regulatory Commission (FERC) application. In recognition of its thoroughness, FERC granted the client an exemption from preparing a full application, moving the project more towards completion. Subsequently conducted a Phase I site assessment and worked with the Hawaii Department of Health in ascertaining previous remediation efforts and activities to support due diligence efforts for the hydroelectric plant power facility.

Ferry System (Inter-Island) and Small Boat Harbor Improvements for Maui, Lanai, & Molokai Islands, HI. Lead County Regulatory Planner responsible for processing coastal permit applications, shoreline variances, and supporting environmental assessment documents for major facility improvements at the County's small boat harbors and its inter-island ferry system. The seven separate projects, each with its own coastal and environmental review and approval process, updated and improved commercial vessel operations and ocean recreational facilities at Lahaina Harbor, Mala Wharf, Maalaea Harbor, Kihei Boat Ramp, Hana Boat Ramp, Manele Bay, Lanai, and Kaunakakai, Molokai. Coordinated public input and presented each project to the respective island Planning Commission during public hearings where the merits, mitigation strategies, best management practices and conditions of approval were discussed, debated, and voted upon. Managed all aspects of the environmental, coastal and public permitting and review process. Facilitated incorporation of lighting restrictions, sewage pump out facilities, refueling limitations, architectural review and improved public and trailer-vessel parking facilities at Maalaea and Manele Bay. Minimized concerns about dredging operations and contaminants at Mala and Kihei locations by recommending conditions to implement site-specific best management practices and protocols.

Traffic Impact Analysis, Kalaeloa, Oahu, HI. Completed a traffic assessment for the relocation of Hawaii Army National Guard staff, troops and equipment from Fort Ruger to Kalaeloa (Kapolei), Oahu, HI. Facilitated public involvement and input from community committees on impact mitigation. The report and its mitigation measures were approved by the Hawaii State Department of Transportation. The project included creation of low-cost mechanisms such as traffic calming and traffic flow enhancement to alleviate potential congestion during peak rush hour periods and enhancing roadway capacity without resorting to costly infrastructure improvements.

Lipoa Street Commercial Center, Kihei, HI - Obtained Commission approval for three LEED certified buildings and the first use of porous concrete parking areas on Maui to facilitate onsite storm water treatment. Project included dedicated bike lanes, pedestrian friendly access, and traffic calming traffic flow improvements.

Hazardous Material, Hazardous Waste, Petroleum Oil & Lubricants Facility Analysis, Guam. To support the US Marine Corp with plans to relocate from Japan to Guam, developed data and information for *Conceptual Development Plans* to manage HM/HW/POL. Analyzed handling, public transit restrictions, usage, distribution, individual accumulation sites and processes, 90 day storage and long-term disposal and and storage restrictions were evaluated.

Kane Street Mixed Use Commercial Development, Kahului, HI – Obtained Commission approval for an innovative, pedestrian friendly, multi-modal urban infill redevelopment project which improves sense of community and place with walkable landscapes, traffic calming devices, complete streets and affordable housing. The site design mixes residential condominiums above commercial establishments and an expanded pedestrian-oriented corridor with restaurants, cafes, shops and open space areas creating a linear corridor between neighboring malls, Maui Community College, dormitory's and a government service center. LEED certification obtained.

Wastewater Utility Water Quality Research. Development Manager for a variety of collaborative NPO, NGO, Academic and public research projects designed to assist wastewater utilities. Research endeavors addressed watershed planning, infrastructure development, public health, wastewater and storm water treatment, membrane technology, wet weather and alternative treatment systems, ecological risk, constructed wetlands and agricultural application. Secured over \$1 million in renewable funding to support the research program. Created a national study on pathogen removal in reclaimed wastewater effluent resulting in new state and federal reuse policy. Disseminated research results at conferences and public meetings.

April 22, 2021

Thorne Abbott
Coastal Planners LLC
117 Loi Pohaku Place
Wailuku, HI 96793

Dear Thorne,

The Kulakane Association of Apartment Owners would like to express our thanks and appreciation for your assistance and guidance in planning and obtaining the necessary agency approvals and permits for our upcoming sinkhole repair/erosion mitigation project. As in the cases of projects you have previously assisted us with, you have provided expertise and insight that have allowed us to navigate the byzantine, often exasperating, and continually changing Hawaii state and Maui County regulatory/political environments.

A key to permitting any project along the shoreline of Hawaii under the current regulatory climate, it seems, is regulatory reconnaissance – the development of intelligence regarding what is likely to be approvable given existing and likely upcoming regulations and policies, as well as the personalities involved (including those of local activists who oppose nearly all activities along the shoreline). Your past and continuing experience within and adjacent to the environmental regulatory and political systems of Hawaii (and especially Maui County) are unique and valuable.

The need for our current project first arose in the fall of 2017 with the formation of a sinkhole beneath our pool deck, quickly followed by additional sinkholes along the southern portion of our seawall. You assisted us in quickly obtaining a permit to perform temporary repairs intended to stop further erosion. Unfortunately, the County required that we use only “beach quality sand” as backfill in our temporary repairs. Through your knowledge of and involvement with other remediation projects in west Maui, you were able to identify a source of approvable sand and obtain enough of it to proceed with our project. It would likely have been impossible for us to proceed with our urgently-needed repairs without the benefit of your local knowledge and relationships.

Following the temporary repairs in early 2018, we began to investigate possible strategies and designs for permanently repairing our sinkholes and preventing future erosion beneath our

April 22, 2021

Mr. Abbott

Page 2

seawall. In many other regulatory jurisdictions, this process might have been relatively simple, but that was and is certainly not the case along the Maui shoreline. Although the first and second conceptual designs were prepared by a Hawaii engineering firm, we were able to assess the regulatory acceptability of those designs due, in large part, to your personal networking with Maui County Planning staff. Had we not learned early on that the initial conceptual designs would not be approvable, we might have spent considerable effort, money and time preparing applications that would have been doomed to disapproval or would have required significant modification and concessions on our part. Your assistance in calmly explaining the process and regulatory limitations to understandably upset Kulakane owners on several conference calls was invaluable.

As additional conceptual project designs were developed, it became clear that we would likely require approvals from Hawaii Department of Land and Natural Resources for project activity on the *makai* side of our seawall. Once again, your past dealings and networked relationships with DLNR staff allowed you to quickly investigate potentially approvable approaches without the time and expense of preparing and submitting applications for project designs that might not have been approvable.

Your wise counsel regarding project and permitting strategies that would involve public hearings was firmly validated by the one unavoidable minor hearing that was required for approval by the State. At that hearing, three or four of the BLNR board members abstained rather than casting a vote to approve the temporary placement of sheet pile *as a best management practice intended to prevent pollution* and part of a project already approved by all other necessary agencies. When the chair of the Board called for a motion to approve, a very long silence elapsed before any member would even offer such a motion.

Such is the regulatory/political climate we must navigate within. As with our previous projects, your assistance is and has been greatly appreciated.

Mahalo and aloha,

A handwritten signature in cursive script that reads "Ernie Dankas for". The signature is written in dark ink and is positioned below the "Mahalo and aloha," text.

Board of Directors,

Kulakane Association of Apartment Owners

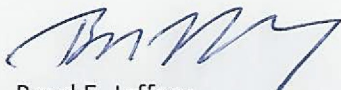
February 5, 2021

I wrote a referral letter for Thorne Abbott and his company several years ago when he assisted me in getting an SMA permit for a subdivision in West Maui. Since then, not only has Thorne followed up several times to make sure things were going ok, but he just assisted me in obtaining my final permits on the subdivision within a few days of asking for his help.

Even though the assistance I required was truly outside the realm of his expertise, Thorne Abbott instead chose to figure out how he could use his extensive connections on the islands to get me the information I needed and ultimately the final sign off from inspectors assigned to my project. I was at a crossroads in the process and did not know who to turn to during this pandemic while working remotely off island. After a few conversations with Thorne, a plan was established, and the permits were signed off.

Thorne's professionalism and willingness to go the extra mile saved my project at a very stressful moment during this global crisis and I cannot say enough positive things about Thorne and Coastal Planners.

Sincerely,



Boyd E. Jeffery

Boyd E. Jeffery
1140 Highland Avenue #215
Manhattan Beach, CA 90266

LOS ANGELES CA 900

6 APR 2021 PM 12 L



Coastal Planners.
117 Loi Pohaku Place
Waikuku, HI 96793

96793-119917



April 02, 2017

I would like to take this opportunity to thank Mr. Thorne Abbott and his company CoastalZone.com for his efforts to help with securing a Special Management Permit (SMA) for a sub-division in Napili, Hawaii.

Mr. Abbott went above and beyond his duties to not only explain the process thoroughly to me, but to actively seek out difficult solutions to the very complicated process of dealing with the county of Maui and the permit process. I am relatively new to the island (5 years) with extensive development experience but quickly found out that most of that experience needs to stay where I learned it and I needed to hire and trust a team of professionals to assist in my plans.

His anticipation from many years of experience, and the extremely important relationships he has formed with the agencies involved, was invaluable to me while his collaborative efforts between himself and my engineer were flawless. He offered several solutions and options when we were given roadblocks and his ideas were genuine and very well thought out.

Integrity, commitment, dedication, knowledge and respect. Strong words I personally do not just throw around. However, I am proud to use all of these in describing Mr. Thorne Abbott.

It is obvious I am not the only one of the island who feels this way.

Humbly,

Boyd E. Jeffery

October 14, 2015

Frank Gasztonyi (562)708-2928 frankg111456@gmail.com
45550 Hana Highway
Hana, HI 96713

4130 Chestnut Avenue
Long Beach, CA 90807

Letter of Recommendation – Coastal Planners, LLC

When my wife and I became the fortunate owners of a 19 acre parcel on the coastline of East Maui, we knew we had a lot of work ahead of us to create our dream home away from home. As we started to shape our plans, we were fortunate to receive excellent referrals to a pair of professionals who turned out to be invaluable in pursuing our project: architect Hunton Conrad or Hunton and Associates, and consultant Thorne Abbott of Coastal Planners, LLC.

When Thorne began to work with us, he took the time to thoroughly understand the circumstances, and our goals. He immediately made us feel comfortable with his familiarity with the related State and County regulations and guidelines. We always had a detailed description of the scope of the work that he was doing on our behalf. All communication and billing was clear and highly detailed. He made himself readily available for consultation over the phone, as well as making a number of trips out to Hana for in person meetings and visiting the site.

In the interest of brevity, I'll just say that we had to make a number of adjustments to the original plans to finally arrive at a successful conclusion to obtaining our permit to build, and I can honestly say that we would have been lost and frustrated without Thorne's advice and guidance.

Thorne's experience and understanding of the regulations, his understanding of the internal workings of the various agencies, and the personal contacts that he developed over time proved to be extremely valuable as our project moved through the process.

In closing, I would like to say that I offer my highest recommendation of Coastal Planners based on my extensive and diverse working history. The level of professionalism demonstrated throughout was exceptional.

I would be happy to respond to inquiries or to provide any additional details regarding this letter.


Frank Gasztonyi



September 12, 2015

September 2014, Nohonani's old and aging Seawall had been weakening over the years. A couple of sink holes developed near the wall, and it became a matter of urgency to repair it. We hired a very good contractor, who recommended Thorne Abbott Coastal Planners, LLC, to assist us with the process of obtaining permits from the Maui Planning Board.

Thorne Abbott is very professional and extremely knowledgeable about the requirements that the Maui Planning Board insists on, in order to obtain the appropriate permits. The Maui planning board is very strict with their requirements. Thorne understands them, and knows we had to comply with all their requests, which are many. Thorne's background and experience is fantastic. He really anticipates, follows up with details, and explains the process very well.

Thorne is very diligent about the nuances that must be followed, the requirements for documentation, appropriate drawings and renditions that the planning board needs, including Grading Permits, Site Plans and submitting many Permit Applications such as SM2-Special Management and SSA-Shoreline Setback.

Thorne worked very closely with our Contractor and Structural Engineer, obtaining many documents, very specific renditions of plans for Repair, plus photographs and many more requirements of the Maui Planning Board.

Thorne notified the Nohonani BOD frequently with printed documentation and details of what had been accomplished, what still needed to be done, answering our questions and concerns, all in a very timely matter.

As President of the BOD, I speak for all the Board members, and our Managing Agent's Representative. Thorne Abbott is the best person you could hire, no matter how challenging your situation. He is the man who gets things done correctly. We are very grateful we hired him.

Sincerely,

A handwritten signature in black ink, appearing to read "Maryann Haas", written over a horizontal line.

Maryann Haas, President Nohonani AOA BOD

www.AssociaHawaii.com

MAIN OFFICE 737 Bishop Street, Mauka Tower, Suite 3100 | Honolulu, Hawaii 96813 | (808) 836-0911 | Fax (888) 608-4021

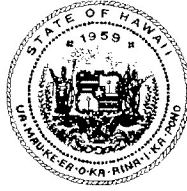
KONA 75-169 Hualalai Road | Kailua-Kona, Hawaii 96740 | (808) 329-6063 | Fax (808) 326-2486

KAUAI 4-1579 Kuhio Highway, Suite 102 | Kapaa, Hawaii 96746 | (808) 821-2122 | Fax (808) 821-2131

MAUI 375 Huku Lii Place, Suite 207 | Kihei, Hawaii 96753 | (808) 243-9565 | Fax (808) 244-7848

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NEIL ABERCROMBIE
GOVERNOR



DARRYLL D. M. WONG
MAJOR GENERAL
ADJUTANT GENERAL

JOSEPH K. KIM
BRIGADIER GENERAL
DEPUTY ADJUTANT GENERAL

STATE OF HAWAII
DEPARTMENT OF DEFENSE
OFFICE OF THE ADJUTANT GENERAL
3949 DIAMOND HEAD ROAD
HONOLULU, HAWAII 96816-4495

To whom it may concern,

Thorne Abbott and I worked extensively on the Environmental Assessment (EA) for the Hawaii Department of Defense which took just under 2 years to complete. Thorne entered the project a little after a quarter way through and picked up the ball running.

My position as the project manager was to ensure the EA was completed in time to meet all milestones for the other DoD projects. Thorne professionally approached all aspects of the EA and taught me so much on the topic and other areas which pertained to this EA. We conducted neighborhood board comment sessions, reviewed the project with the development authority and made the public aware of our intentions at every step of the way.

After working with Thorne, I gained a lot of knowledge for the environmental side of construction which has helped and will continue to help on future projects. It was a pleasure to work with him and would recommend him for your project.

Sincerely,

Peter Ammerman
CPT, HIARNG
Project Manager Hawaii DoD

The Kulakane
Association of Apartment Owners
3741 Lower Honoapiʻilani Road
Lahaina, Hawaii 96761

May 27, 2014

To whom it may concern:

This is to recommend Thorne Abbott (dba Coastal Planners LLC) for assistance and/or consulting in dealing with regulatory agencies in matters related to projects or activities on or near the shoreline of the Hawaiian Islands.

The Kulakane Association of Apartment Owners is currently undertaking two significant construction projects at our oceanfront condominium complex in upper west Maui: repair and maintenance of our seawall, and replacement of the cedar shake siding on our main building. Because our complex is located close to the shoreline, the regulatory processes and requirements for obtaining permission to do nearly anything on our property have been extensive, time-consuming and complex.

Thorne was recommended to us by our land use counsel. He assisted us with preparation of Special Management Area and Shoreline Setback Assessment applications (submitted to Maui County Planning Department), a Best Management Practices Plan (submitted to both the US Army Corps of Engineers and Maui County Planning) and building permit applications for both of our major projects, all of which received approval or other favorable determination from the relevant agency.

As a former planner with Maui County, Thorne knows what the County expects and needs to see in applications submitted to them. He knows the systems and many of the staff involved at the County and other environmental regulatory jurisdictions in Hawaii and interacts with many of them regularly.

Perhaps Thorne's most valuable efforts on our behalf were his continued monitoring and follow-up as each application or review worked its way through the relevant agency. It is not uncommon for applications to get "stuck" somewhere in agency review processes, particularly when multiple departments must sign off on a document. Incorrect document filing or routing, staff vacations, staff workload and/or poor communication can seriously slow agency processing. Thorne monitored the review processes via electronic queries of the County's permitting data base, phone calls, and often by physically visiting the County offices to check on the current status of our applications. On several occasions, he was able to help expedite the process by volunteering to hand-carry our materials from one department to another, or by discovering the location of incorrectly routed documents and getting them back on track.

Sincerely,

for the Board of Directors,
Kulakane Association of Apartment Owners

LETTER OF RECOMMENDATION
FROM MAKANI SANDS BOARD OF DIRECTORS
ASSOCIATION OF APARTMENT OWNERS
REGARDING SERVICES BY
THORNE ABBOTT OF
CARDINO TEC, HONOLULU

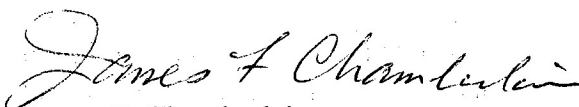
To whom it may concern:

In the month of January 2011 Makani Sands Condominium on the island of Maui suffered severe wave damage to its sea wall which required the entire structure to be reinforced to prevent complete loss. An emergency permit was issued by the county of Maui so that work could begin on obtaining plans, contractors and design engineers. The permit process is a very complicated procedure and we, the board of Makani Sands, were advised to consider getting the assistance of Thorne Abbott to guide us through all of the information gathering and presentations to the County of Maui and federal inspectors.

Firstly, the records on the construction of Makani Sands were not found among those held in our files. Then there were no drawings of the seawall showing its precise location relative to the building. Finally we had no records of work performed as maintenance since the initial wall was constructed.

Thorne began the search through all archival county records, state, and private information including pictures taken by owners and guests from which he could verify that the seawall had been constructed on private land. It was a long and difficult task requiring several trips from Honolulu for consultation with the appropriate offices to get all of this information and then prepare it for submittal in the format required. Thorne was knowledgeable of who represented each portion of the permit process so as the information was found, he could verify that it met the needs of each office. This project also involved him observing the construction work and following the contractors work quality which was being done under the supervision of the designer who had prepared the work plans. This kept him able to verify with each county and state officer that all work was being done within the boundary of the existing wall and that no contamination of the ocean was occurring. Thorne constantly maintained contact with us during the entire permitting process which took about one year to be completed. He provided us with the total package of records he had accumulated for retention in our files for any future maintenance that might require a building permit.

I wish, therefore, to present this letter of recommendation for use by CardnoTEC and Thorne Abbott as verification that their performance in obtaining construction permits and advising landowners is of the highest quality. Each portion of work was followed with a complete record of hours required and results thereof. We are completely satisfied with our employment of Thorne Abbott and CardnoTEC and the results of their work.



James F. Chamberlain
Makani Sands Association of Apartment Owners
January 10, 2013

October 7, 2013

Cardno TEC, Inc.

Pauahi Tower
1003 Bishop Street
Suite 1550
Honolulu, Hawaii 96813

Phone +1 808 528 1445
Fax +1 808 528 0768
www.cardno.com

www.cardnotec.com

To Whom It May Concern:

Subject: Letter of Recommendation

Thorne Abbott worked for Cardno TEC, Inc., as an Environmental Analyst for nearly four years, beginning in November 2009 until October 2013. During that time, Thorne worked on a variety of both large and small projects as a Project Manager and as team member in our full service environmental firm.

Thorne was active in helping our renewable energy clients obtain and navigate the land use entitlement process, federal, state and local permitting requirements, conducting environmental assessments and completing supporting studies. Clients included Honolulu Sea Water Air Conditioning, Konohiki Hydropower, and Eurys solar among others.

Thorne was also active in the federal Environmental Impact Statement (EIS) for relocating troops from Okinawa, Japan to Guam and the Commonwealth of the Northern Mariana Islands (CNMI). Additionally, he was involved in the Guam Supplemental EIS, terrestrial biological studies, and public involvement. Locally, he completed the Hawaii State Environmental Assessment, including traffic studies and public involvement, for the Hawaii Army National Guard to relocate troops and equipment from Fort Ruger (Diamond Head) to Kalaeloa (Barber's Point) on Oahu. He also assisted with State Department of Transportation Projects, such as relocating the University of Hawaii Marine Research Center in the Honolulu Harbor.

Moreover, Thorne developed a portfolio of new private and commercial clients, particularly on neighboring islands, assisting them with coastal permitting, land use development and compliance as a project manager.

I would recommend him for your organization.

Sincerely,



Dan McNair
Pacific Region Manager
for Cardno TEC
+1 808-528-1445
Email: dan.mcnaire@cardnotec.com

September 8, 2009

TO WHOM IT MAY CONCERN:

I hired Thorne Abbott on August 4, 2004 as the Maui County Planning Department's Coastal Resources and Shoreline Planner. Thorne has consistently displayed a high degree of integrity, responsibility, ambition and commitment to conserving the islands' unique natural resources. Thorne has worked to protect public access to, and along, the shorelines of Maui, Molokai and Lanai, as well as to preserve their beautiful coastal views. He is effective at developing solutions for coastal landowners facing erosion crisis, flooding and coastal hazards because he has a thorough understanding of coastal policy and the permitting, environmental, and special management area (SMA) review process.

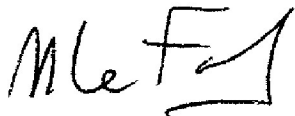
Thorne has developed collaborative relationships between agencies to help conserve coastal resources, manage use conflicts, improve outcomes, and plan for sea level rise and other coastal hazards in an effective and efficient manner. He has served on the Governor-appointed Hawaii Ocean and Coastal Council and the Ocean Resource Management Plan Working Group. These groups authored and implemented the 2006 Ocean Resource Management Plan for the State of Hawaii which incorporates traditional Hawaiian management regimes.

Over the past five years, Thorne's leadership improved the county's public outreach through a number of speaking engagements, press releases and conference presentations. He authored two brochures, a revised website, a new Beach Management Plan, oversight of a Sand Quantification Study and audit of the SMA permitting system; and wrote clear, understandable guidance and instructions for the public submitting coastal permit applications. He has presented numerous land use development projects, often large and complex, to each island's Planning Commission, and educated them on coastal processes, permitting and environmental review. He also facilitated the State's efforts to improve harbors, beach facilities and ocean recreation opportunities for the county's three islands.

Thorne served as a dedicated employee and sought innovative solutions to problems. He is highly knowledgeable in the environmental and coastal field and recognizes pragmatic opportunities to balance land use while creating public amenities. He works well independently and is deeply committed to protecting the *aina* (land and sea) for current and future generations. Thorne's achievements can be seen at his website www.coastalzone.com

Thorne would be an excellent asset to any organization, and I am happy to give him my wholehearted endorsement.

Sincerely,

A handwritten signature in black ink, appearing to read 'M. Foley' with a stylized flourish at the end.

Michael W. Foley
Maui County Planning Director, 2002-2006



Commonwealth of the Northern Mariana Islands
Office of the Governor

Department of Lands and Natural Resources

Caller Box 10007

Saipan, Northern Mariana Islands 96950

Cable Address:

Gov. NMJ Saipan

Telephone: 322-9830/ 9834

Fax: 322-2633

10 May 2004

To whom it may concern:

Thorne Abbott served the CNMI Department of Land & Natural Resources, Division of Fish & Wildlife as the Natural Resource Planner from October 2001 until September 2003. Upon completing his contract with the Division, his firm, CoastalZone.com provided consulting services until May 2004.

Thorne helped the Division recommend prudent measures to avoid, minimize or mitigate the incidental take of endangered species by economic development and infrastructure proposals. He was the agency's voting representative for 28 permit applications and provided agency comment on an additional 64 applications. Thorne helped secure \$970,000 in State Wildlife Grant monies from the US Fish & Wildlife Service for the Division's efforts over the next five years. Collaborating with his colleagues, they authored a sustainable fisheries Act, a USFWS-approved management plan for the Nightingale Reed-warbler species mitigation bank, and completed four fiscal cycles of coral reef conservation grants. He actively promoted our conservation and marine sanctuaries program locally, in inter-agency forums, regionally, nationally and internationally. He singly completed an IUCN/WWF-sponsored MPA management effectiveness indicators study and gained the Division national accolades for being led the first State or Territory to complete an inventory of its marine protected areas (www.mpa.gov). His efforts culminated with writing regulations for all our protected areas, contributing to policy as a Delegate at the IUCN World Parks Congress, and authoring a website for the Division (www.dfw.gov.mp). Active in the sometimes contentious, Coral Reef Initiative, Thorne helped secure 11 walkie-talkies (verse 3) for our Conservation Officers and helped garner funding for two patrol vessels, fuel, and salary for three new Marine Conservation Officer positions.

Thorne worked hard and tirelessly promoted the Division's needs and jurisdictional mandates. It has been rough at times in our effort to do our tasks but things seemed to find its way through to our favor. He has have been productive and delivered what needs to be done. Accordingly, I would recommend him for employment with your organization.

Sincerely,

Richard B. Seman

Secretary, CNMI Department of Lands & Natural Resources
Former Director, CNMI Division of Fish & Wildlife



GOV. MSG. NO. 700

EXECUTIVE CHAMBERS
HONOLULU

DAVID Y. IGE
GOVERNOR

February 22, 2021

The Honorable Ronald Kouchi, President,
And Members of the Senate
Thirty-First State Legislature
Hawai'i State Capitol, Room 409
Honolulu, Hawai'i 96813

Dear Senate President Kouchi and Members of the Senate:

In accordance with the provisions of Article V, Section 6 of the Hawai'i State Constitution, I have the honor to submit herewith for your consideration and confirmation, the following nomination:

Thorne Abbott
Natural Area Reserves System Commission
Expiration Date: June 30, 2025

Sincerely,

A handwritten signature in black ink that reads "David Y. Ige".

DAVID Y. IGE
Governor, State of Hawai'i



EXECUTIVE CHAMBERS
HONOLULU

NEIL ABERCROMBIE
GOVERNOR

April 30, 2012

Mr. Thorne Abbott
TEC Inc., Pauahi Tower
1003 Bishop Street, Suite 1550
Honolulu, HI 96813

Dear Mr. Abbott:

It is my pleasure to congratulate you on your recent appointment to the **Legacy Land Conservation Commission**, effective immediately. Your term will expire on June 30, 2015.

You have a vital role to perform which will place many demands on your time and energy. Your willingness to join me in serving the people of Hawai'i is greatly appreciated.

Sincerely,

A handwritten signature in black ink that reads 'Neil Abercrombie'. The signature is fluid and cursive, with the first name 'Neil' being more prominent.

NEIL ABERCROMBIE
Governor, State of Hawai'i



EXECUTIVE CHAMBERS

HONOLULU

LINDA LINGLE
GOVERNOR

February 4, 2005

Mr. Thorne Abbott
Coastal Resources Planner
Department of Planning
250 South High Street
Wailuku, Hawai'i 96793

Dear Mr. Abbott:

It is my pleasure to appoint you to the Hawai'i Ocean and Coastal Council effective immediately. Your term will expire upon the completion of the Council's duties and responsibilities, but no later than the last day of the Regular Session of 2006 of the Twenty-third Legislature of the State of Hawai'i.

A representative from the Department of Land and Natural Resources will contact you shortly to welcome you and provide additional information. You have a vital role to perform, which will place many demands on your time and energy. I am confident, however, that with your experience and your commitment to the people of Hawai'i, you will contribute significantly. Your willingness to serve is greatly appreciated.

Sincerely,

A handwritten signature in black ink, appearing to read "L. Lingle".

LINDA LINGLE

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