

House District 7

Senate District 4

THE TWENTY-EIGHTH LEGISLATURE
APPLICATION FOR GRANTS
CHAPTER 42F, HAWAII REVISED STATUTES

Log No:

For Legislature's Use Only

Type of Grant Request:

GRANT REQUEST - OPERATING

GRANT REQUEST - CAPITAL

"Grant" means an award of state funds by the legislature, by an appropriation to a specified recipient, to support the activities of the recipient and permit the community to benefit from those activities.

"Recipient" means any organization or person receiving a grant.

STATE DEPARTMENT OR AGENCY RELATED TO THIS REQUEST (LEAVE BLANK IF UNKNOWN):

STATE PROGRAM I.D. NO. (LEAVE BLANK IF UNKNOWN):

1. APPLICANT INFORMATION:

Legal Name of Requesting Organization or Individual:
Hawaii Wildlife Center

Dbn:

Street Address: 53-324 Lighthouse Road Kapa'au, HI 96755

Mailing Address: P.O. Box 551752 Kapa'au, HI 96755

2. CONTACT PERSON FOR MATTERS INVOLVING THIS APPLICATION:

Name RAE OKAWA

Title Development Coordinator

Phone # (808) 884-5000

Fax # (404) 891-2750

E-mail rae@hawaiiwildlifecenter.org

RECEIVED

1/28/15 11:17 AM

3. TYPE OF BUSINESS ENTITY:

- NON PROFIT CORPORATION INCORPORATED IN HAWAII
- FOR PROFIT CORPORATION INCORPORATED IN HAWAII
- LIMITED LIABILITY COMPANY
- OTHER
- SOLE PROPRIETORSHIP/INDIVIDUAL

6. DESCRIPTIVE TITLE OF APPLICANT'S REQUEST:

HO'OPOLAMA COMBINED CAMPAIGN

THIS PROPOSAL SEEKS \$500,000 TO CONTRIBUTE TOWARDS THE HO'OPOLAMA COMBINED CAMPAIGN FOR THE FABRICATION AND INSTALLATION OF INTERPRETIVE EXHIBITS AT THE HAWAII WILDLIFE CENTER AND THREE YEARS OF OPERATIONAL RESERVES TO SUPPORT THE EXHIBITS WHILE HWC STAFF CONTINUE TO DEVELOP LONG-TERM REVENUE SOURCES FOR FINANCIAL SUSTAINABILITY. THE EXHIBITS WERE DESIGNED TO TRANSFORM THE PUBLIC AREAS AT THE HAWAII WILDLIFE CENTER INTO A NATIVE SPECIES DISCOVERY AND SCIENCE CENTER. THE NAME HO'OPOLAMA TRANSLATES "TO CHERISH" OR "TO SAVE" AND REFLECTS THE EXHIBITS' ULTIMATE GOAL OF INSPIRING THE COMMUNITY TO CHERISH HAWAII'S UNIQUE NATIVE WILDLIFE AND BECOME MORE ENGAGED IN NATIVE SPECIES CONSERVATION.

4. FEDERAL TAX ID # _____

5. STATE TAX ID # _____

7. AMOUNT OF STATE FUNDS REQUESTED:

FISCAL YEAR 2016: \$ 500,000

8. STATUS OF SERVICE DESCRIBED IN THIS REQUEST:

- NEW SERVICE (PRESENTLY DOES NOT EXIST)
- EXISTING SERVICE (PRESENTLY IN OPERATION)

SPECIFY THE AMOUNT BY SOURCES OF FUNDS AVAILABLE AT THE TIME OF THIS REQUEST:

STATE \$ 0

FEDERAL \$ 0

COUNTY \$ 0

PRIVATE/OTHER \$ 0

TYPE NAME & TITLE OF AUTHORIZED REPRESENTATIVE:

[Redacted Signature]

LINDA ELLIOT, PRESIDENT AND CENTER DIRECTOR

01/24/2015

Application for Grants and Subsidies

If any item is not applicable to the request, the applicant should enter "not applicable".

I. Background and Summary

1. A brief description of the applicant's background;

The Hawai'i Wildlife Center ("HWC") is a nonprofit state-wide native wildlife response organization that specializes in the conservation of native birds and the Hawaiian hoary bat. The HWC's mission is to protect, conserve and aid in the recovery of Hawai'i's native wildlife through hands-on treatment, research, training, science education and cultural programs.

The HWC is the first organization of its kind exclusively for native Hawaiian wildlife and is the only organization in Hawai'i that provides professional wildlife response services exceeding national standards, including state-of-the-art care and rehabilitation to all species of native birds and bats from throughout the Hawaiian Islands. The HWC also provides wildlife rescue and response training throughout the Pacific region as well as public education, outreach and community service programs to students and visitors.

Since the start of its operations in 2012, HWC has been providing care for Hawai'i's native birds and bats, assisting the public with wildlife response, participating in critical native species research programs and conservation projects and creating educational opportunities for local students. The conservation, education and outreach focus of HWC takes a wide approach and incorporates native species conservation, native ecosystems, conservation careers, professional training and student internships.

2. The goals and objectives related to the request;

This proposal seeks \$500,000 to contribute towards a \$2,000,000 Ho'opūlama combined campaign ("Ho'opūlama Project"), which combines fabrication and installation costs of the interpretive exhibits outlined in the Ho'opūlama Master Plan with the creation of a Ho'opūlama reserve, three years of operational costs for the Hawai'i Wildlife Center to support the new exhibits while HWC staff continue to develop long-term revenue streams for financial sustainability. This combined approach provides an initial sustainability mechanism to support the exhibits in the short-term, while staff carries out a development plan for long-term sustainability.

The Ho'opūlama Project started in the beginning of 2013 with the support of a Hawai'i Tourism Authority ("HTA") County Product Enrichment Program ("CPEP") grant and a grant from the Atherton Family Foundation to design a master plan for public exhibits at the Hawai'i Wildlife Center wildlife hospital facility in Kapa'au on Hawai'i Island. Completed in 2014, the exhibit design details exhibits that will transform the public areas at the Center into a native species discovery and science center. The name *Ho'opūlama*

translates “to cherish” or “to save” and reflects the exhibits’ ultimate goal of inspiring the community to cherish Hawai’i’s unique native wildlife and become more engaged in native species conservation.

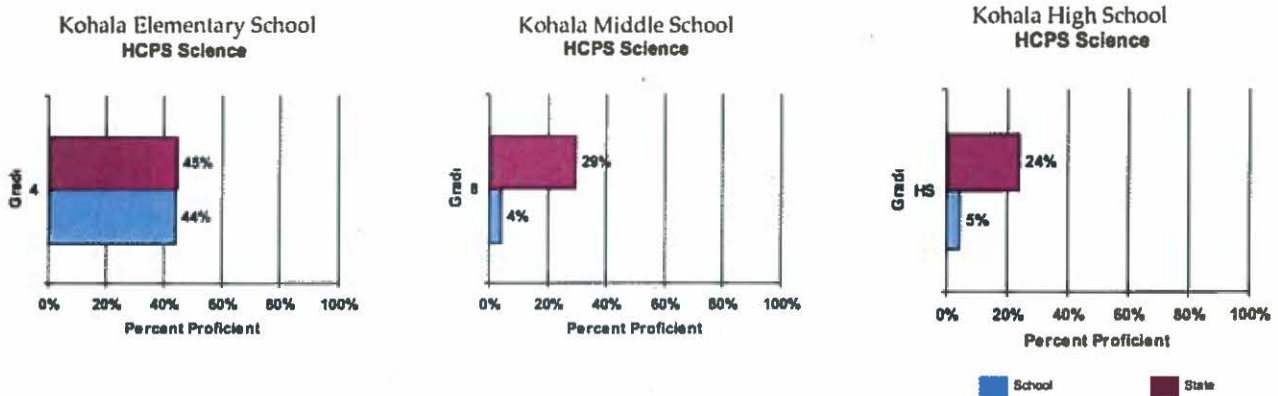
3. The public purpose and need to be served;

Public Purpose 1: Increasing Opportunities for Science-based Learning

The Hawai’i Wildlife Center has been looked to for educational programs focused on science and conservation since its inception. HWC staff members do what they can to accommodate the growing number of requests by school groups, but the Center does not currently have the capacity to serve all the student groups that contact HWC. What the Ho’opūlāma Project will do is create the resources and capacity to allow the Center to reach its educational potentials.

In our community, adding opportunities for science-based learning will directly benefit our local school complex. The charts below are from the Hawai’i State Assessment Program for the Kohala School Complex: Kohala Elementary School, Kohala Middle School and Kohala High School. Starting in middle school, there is a dramatic drop in science proficiency that remains low throughout high school.

**Hawai’i State Assessment Program:
HCPS Science Proficiency for School Year 2012-2013**
Published on December 23, 2013 and updated on April 21, 2014
System Evaluation and Reporting Section, Systems Accountability Office,
Office of the Superintendent, Honolulu, HI: Hawai’i State Department of Education



The Center has been doing as much as current resources allow, including hosting Kohala Middle School classes and granting them access to the HWC laboratory as their campus currently lacks science lab facilities. HWC staff has taught students how to use a microscope and saw increased engagement when students got the opportunity to observe some of HWC’s slide collection, including blood, feather and parasite slides. In the Ho’opūlāma Plan, there are exhibits aimed to increase proficiency with scientific technology as well as to increase interest and engagement in scientific problem solving. One planned exhibit was designed to allow students to try their hand at wildlife rehabilitative and veterinary science by taking them through the process of diagnosing a

- Orient children to HWC and its work as preparation for staff- or volunteer-led programs
- Provide an opportunity for children to explore on their own, with support from docents and teachers
- Provide hands-on learning activities
- Introduce the birds: Exhibits help connect students to native species through art, photography and interactive displays
- Encourage children to develop a lifelong passion for science, wildlife and environmental stewardship

Ho'opūlama Goals for Visitors:

- Provide a self-guided overview of HWC and its work
- Create opportunities for interactions between docents and visitors. Although exhibits can be used without staff, visitors will be able to have a deeper and richer experience when docents are available.
- Assist eco-tourists in learning about the opportunities to see native species, and as a result become better and more passionate stewards of Hawaiian wildlife
- Help visitors understand what they can do to assist in conserving native wildlife
- Encourage donations to the Center

Ho'opūlama Goals for Groups Events:

- Orient group visitors to HWC and its work
- Help visitors understand the importance of the contribution they are making through their contributions or volunteer service
- Offer an opportunity to continue the relationship in the future by signing up for HWC's newsletter, making a donation, spreading the word or joining the volunteer 'ohana
- Help participants understand what else they can do to support wildlife through activities such as planting native gardens

4. Describe the target population to be served

The HWC facility where the exhibits will be constructed is in North Kohala, on Hawai'i Island. The Ho'opūlama Project is aimed to serve two main groups, Hawai'i students and visitors to the HWC facility (both residents and tourists, all ages). While Hawai'i Island students will likely be receiving the immediate benefit, visiting students from the neighbor islands and the mainland will also benefit as well.

North Kohala has a population of approximately 6,500 individuals representing diverse ethnicities, 1,500 households and nearly 20% of our community is between the ages of 5 and 19. We have worked closely with local schools like Kohala Middle School and youth organization such as the Cub Scouts, as well as hosted schools outside of our local community including Holualoa Elementary and the West Hawai'i Explorations Academy. HWC also provides educational resources to visitors to the State and has had over 2,000 visitors to the Kapa'au facility since opening in 2012.

5. Describe the geographic coverage.

The HWC facility is located in Kapa'au, North Kohala on Hawai'i Island. The geographic coverage for Ho'opūlama exhibits is the North Kohala and West Hawai'i communities. Additionally, the Center provides coverage and currently receives visitors from East Hawai'i, neighbor islands, the U.S. Mainland and abroad. North Kohala is also a popular and growing destination for visitors to Hawai'i Island.

Note: The HWC wildlife programs serve the entire Hawaiian Island chain. HWC receives calls seeking assistance from throughout the state, and has brought in wildlife from all main Hawaiian Islands to its main facility for long-term care. The trainings led by HWC are also statewide.

II. Service Summary and Outcomes

1. Describe the scope of work, tasks and responsibilities;

With our successful completion of the master plan for the Ho'opūlama discovery and science center, the GIA will provide critical support that will allow us to move forward with the Ho'opūlama implementation phase, the fabrication and installation of exhibits and building of a short-term reserve to support the new resource. Exhibits will be produced and installed one experience at a time, as funding is made available. This approach will allow the benefits of Ho'opūlama to begin more quickly, as opposed to waiting until the entire campaign cost is raised before moving ahead with implementation. With the full GIA amount awarded, HWC will implement the development and production of the HWC Story graphic panels and associate activities as well as the patient exploration activity cart outlined in the master plan.

HWC Development Coordinator and HWC Center Director will be responsible for the collections of bids for the project and the hiring of one or more entities to manage the production of Ho'opūlama exhibits. The development of the short-term reserve will be the primary responsibility of HWC Center Director and the Board of Directors, with assistance from the HWC Development Coordinator. HWC Center Director, Board and Development Coordinator will also be building on the current progress made with the long-term funding sources to ensure the sustainability of the project as well.

2. Provide a projected annual timeline for accomplishing the results or outcomes of the service;

The Ho'opūlama Master Plan was completed in 2014 followed by the development of the project campaign. The GIA award will be used to launch the project forward in mid-2015 and begin to bid out the project to qualified contractors. The exhibits will be produced and installed one experience at a time as the Ho'opūlama Project progresses. At the same time, HWC Center Director, Board Members and Development team will work on securing reserve funding for the exhibits to keep Ho'opūlama and HWC operational while also building upon the Center's long-term funding plan.

patient, including the review of actual patient radiographs, blood slides and parasite slides. The exhibit will also feature skeletons and bone cross-sections that will aid in teaching about avian anatomy. Other learning opportunities that will be fostered by the Ho'opūlama Project include natural history, ecology and animal behavior.

It all begins with engagement, which leads to interest and has the potential to develop career goals. The Ho'opūlama Project will provide critical science-based learning opportunities to students and will give HWC additional resources to bring to teachers and principals interested in increasing engagement and proficiency in the sciences.

Public Purpose 2: Enriching Hawai'i's Visitor Industry

Due to various attributes, including climate, culture, beaches, environment and ecology, tourist travel to Hawai'i is popular throughout the year. In all of this, the Hawai'i Wildlife Center aims to focus on what makes Hawai'i truly unique and how we can share what we have today with the generations to come. It is our kuleana to embrace the things that differentiate us from the rest of the world.

As the State of Hawai'i's only state-of-the-art rescue, rehabilitation research and education facility exclusively for our native wildlife, we believe that it is also our responsibility to engage visitors in such a way that inspires them to be appreciative of the truly magnificent native wildlife and environments in our islands. While there are similar centers available throughout the U.S. mainland, HWC is first and only organization of its kind in Hawai'i.

Once completed, the Ho'opūlama exhibits will be open daily for residents and tourists of all ages. Ho'opūlama will provide an experience that can be found nowhere else in the State. HWC is not a zoo or a preserve, instead HWC is Hawai'i's only wildlife response and conservation center that has created an exciting and educational way to connect visitors to our patients through webcams and technology even though the animals themselves are not currently on display. Looking ahead, the Ho'opūlama Master Plan includes features for educational animal encounters. Ho'opūlama also presents the opportunity to expand our partnerships with other conservation organizations and eco-tourism companies to help promote Hawai'i's native species and ecosystems.

Public Purpose 3: Inspiring Students, Residents and Visitors Alike to Celebrate and Protect Native Species

HWC benefits the community both locally and statewide by creating a system for effective wildlife response assistance, as well as a place for volunteerism, conservation education, and training programs. HWC has identified three groups that would benefit from the project: local students, Hawai'i Island visitors and groups that attend HWC for a volunteer program or event.

Ho'opūlama Goals for Student Activities:

- Serve groups of up to 30 students at one time

3. Describe its quality assurance and evaluation plans for the request. Specify how the applicant plans to monitor, evaluate, and improve their results; and

Objective 1:		Bid out the project and hire at least one entity to serve as contractor to the fabrication and installation of exhibits	
Desired Results	Techniques/Methods	Indicators	Improvements
Hire a qualified contractor to manage the fabrication and installation of Ho'opūlama exhibits as outlined in the Ho'opūlama Master Plan.	<p>Utilize professional networks to identify potential interested contractors.</p> <p>Draft and distribute a request for proposals to collect bids for the project.</p> <p>Create a committee that will review proposals and make the ultimate hiring decision.</p>	Number of candidates identified as well as number of quality proposals received by the Ho'opūlama committee.	If the RFP does not get any response, HWC will withdraw the RFP, review the parameters and responsibilities, make adjustments as necessary and reissue to get more favorable results.
Objective 2:		Begin the fabrication and installation of planned Ho'opūlama exhibits	
Desired Results	Techniques/Methods	Indicators	Improvements
Exhibits will be fabricated and installed one experience at a time, with the ultimate goal of completing all exhibits outlined in the Ho'opūlama Master Plan by the end of the campaign.	<p>Work with hired contractor to produce exhibits as funding becomes available.</p> <p>Prioritize exhibits based on the needs of the HWC as well as cost, feasibility, available resources and the educational benefit to the community.</p>	Progress towards and eventual completion of Ho'opūlama Master Plan.	Ho'opūlama committee will work collaboratively with the selected contractor. When improvements are suggested, the HWC committee will review and agree upon any changes to the Ho'opūlama Plan before changes are enacted.
Objective 3:		Build support of Ho'opūlama and a short-term reserve (3 years) to support the HWC and new exhibits	
Desired Results	Techniques/Methods	Indicators	Improvements
<p>Continue to build support of the Ho'opūlama project within the community.</p> <p>Build a short-term reserve to support the operations of the HWC, including the new exhibits, for three years.</p>	<p>Meet with schools to introduce them to the project and assist teachers with supplemental science education programs when requested.</p> <p>HWC fund development staff will work with HWC Board of Directors to maintain fundraising goals for Ho'opūlama reserve.</p>	<p>Buy-in from community, including teachers, students, principals, and residents.</p> <p>Increased number of educational programs and field trips that HWC is able to accommodate.</p> <p>HWC Profit and Loss and Balance Sheet will reflect progress with reserve fundraising.</p>	HWC will work with schools to determine what their needs are and design its science education programs taking that input into consideration. Surveys may also be used to provide additional insight on how to improve the education experience at HWC.

4. List the measure(s) of effectiveness that will be reported to the State agency through which grant funds are appropriated (the expending agency). The measure(s) will provide a standard and objective way for the State to assess the program's achievement or accomplishment. Please note that if the level of appropriation differs from the amount included in this application that the measure(s) of effectiveness will need to be updated and transmitted to the expending agency.

Ho'opūlama will greatly enhance the understanding of the critical conservation work of HWC as well as accessibility, awareness and support of conservation in our islands. In order to gauge the effectiveness of our exhibits, HWC plans to collect and document feedback from students and visitors through surveys and conversation. Once all exhibits are completed, HWC also plans to conduct visitor satisfaction surveys to gauge to interpretive and interactive experience of visitors. HWC also plans to collect both quantitative and qualitative data on our education programs, including the number of students, program features and the over quality of each participant's experience.

HWC currently collects public impact statistics including number of visitors by location (local, neighbor island, U.S. Mainland and International), number of tours given, and the number of public inquires annually. HWC also collects education program participation numbers and results from our annual volunteer program (number of volunteers and total volunteer hours).

III. Financial

Budget

1. The applicant shall submit a budget utilizing the enclosed budget forms as applicable, to detail the cost of the request.
2. The applicant shall provide its anticipated quarterly funding requests for the fiscal year 2015.

Quarter 1	Quarter 2	Quarter 3	Quarter 4	Total Grant
300,000	200,000	0	0	500,000

3. The applicant shall provide a listing of all other sources of funding that they are seeking for fiscal year 2016.

As a nonprofit, most of our income comes from individual donations. We plan to continue growing our donor base as well as expanding the number of grants received from foundations. The HWC is committed to developing and diversifying its funding sources and acknowledges that diversification is a critical attribute of long-term financial sustainability. In addition to our annual fundraising, we have also identified the following priority revenue sources that we plan to develop in 2015-2016:

- 1) **Service contracts:** As HWC is the only professional wildlife response organization in the state and the only organization meeting and exceeding national standards for

wildlife response, we are able to offer a critical service to wildlife stakeholders. The HWC operates like a firehouse, a system that needs consistent funding to ensure it is prepped to respond, and service contracts provides a method of securing annual funding for the Center while committing HWC assistance to the contracted parties.

- 2) **Corporate Support Agreements:** As an addition measure of building long-term support of the Center, HWC began developing a Corporate Support Council in 2014 and has already secured agreements with two large companies. Ho'opūlama will help broaden this appeal to corporations who are interested in science and conservation awareness and outreach and will help build the momentum for the HWC Ho'opūlama program.
- 3) **Additional Grants:** HWC has been receiving increasing attention from foundations interested in its mission and work with conservation. Up until recently, HWC grant proposals were primarily for its wildlife programs. Now that the Ho'opūlama Project is picking up momentum, HWC staff are able to write more proposals to grantors interested in science education for students, or grantors interested in creating valuable community learning resources.
- 4) **HWC Retail Shop:** The HWC retail shop features artwork from local artists, bird books and native wildlife resources. 100% of net sales are put into the operation of the Center. The store opened in 2014.
- 5) **Tourism revenue:** Including fees for specialty tours and partnerships with ecotourism companies. HWC has hosted both eco-tourism groups and familiarization tours with local hotels.
- 6) **Corporate Social Responsibility (CSR) and Giving Back Programs:** HWC hosted a corporate group for a CSR program in 2014 and plans to expand this potential support opportunity further in 2015.

4. The applicant shall provide a listing of all state and federal tax credits it has been granted within the prior three years. Additionally, the applicant shall provide a listing of all state and federal tax credits they have applied for or anticipate applying for pertaining to any capital project, if applicable.

Not applicable.

5. The applicant shall provide the balance of its unrestricted current assets as of December 31, 2014.

\$637,215.02

IV. Experience and Capability

A. Necessary Skills and Experience

The applicant shall demonstrate that it has the necessary skills, abilities, knowledge of, and experience relating to the request. State your experience and appropriateness for providing the service proposed in this application. The applicant shall also provide a listing of verifiable experience of related projects or contracts for the most recent three years that are pertinent to the request.

The Ho'opūlama Project will be the primary responsibility of HWC President and Center Director Linda Elliott and Development Coordinator Rae Okawa.

Linda Elliott is a graduate of Kalaheo High School, holds a Bachelor of Science Degree in Wildlife Biology and has nearly twenty years of experience as a wildlife rehabilitator, certified oiled wildlife responder and international wildlife responder. In addition, she has accumulated over two decades of experience as an educator, supervisor and emergency response manager.

Linda's greatest capital campaign accomplishment was the successful completion of a \$3.2 million campaign to design and construct the Hawai'i Wildlife Center facility in Kapa'au, HI. Linda and her team were able to take a \$500,000 Grant-In-Aid in 2007 and raise over five times the GIA amount in additional grants, individual donations, in-kind contributions, donated land and pro-bono services that ultimately resulted in the state-of-the-art native wildlife conservation center and hospital that opened in 2012.

HWC Development Coordinator Rae Okawa is a local girl who was born and raised on O'ahu and graduated from Mid-Pacific Institute in Manoa. Rae has experience with the biological sciences, communications and education, having completed her Bachelor of Science degree in Biological Sciences from Cornell University and her Masters of Environmental Studies degree with an emphasis in environmental education, communication and outreach from the University of Pennsylvania. The coursework completed for her master's degree also included fundraising for nonprofits, project management and nonprofit finance. Before joining the HWC team, Rae had participated in natural history field studies on bird species abroad, as well as worked with communications and education a little closer to home at the Nature Conservancy of Hawai'i.

Rae was the lead on the 2013-2014 project to develop the master plan for the Ho'opūlama exhibits at the Center and coordinated with HWC Center Director, Gyroscope Inc. – a professional exhibit planning and design firm – and HWC biological and cultural advisors to produce a comprehensive plan for the development of the public space.

B. Facilities

The applicant shall provide a description of its facilities and demonstrate its adequacy in relations to the request. If facilities are not presently available, describe plans to secure facilities.

The HWC main facility on Hawai'i Island is a 4,500 square foot center located on a two-acre site and is comprised of three parts, the treatment facility, interpretive courtyard and education pavilion. The treatment facility is a state-of-the-art native wildlife recovery facility including animal intake, isolation and holding areas, wash and drying rooms for cleaning oiled and contaminated wildlife, laboratory, hospital, laundry, mechanical room, storage, food prep area, offices and public bathrooms.

The development of the hospital facility utilized the 20 years of rescue and response experience of HWC President and Center Director, Linda Elliott. The HWC facility design ensures that native species are protected during all phases of their recovery. Careful consideration went into every feature, including air exchange and separate ventilation systems for the isolation/quarantine room in our treatment facility. In addition, our outdoor recovery yard has predator-proof fencing and the potential for future expansion.

The Ho'opūlāma Project is tasked with building up the public spaces of the Center to provide a learning resource for local students, residents and visitors alike. The interpretive courtyard and education pavilion will be the home of exhibits aimed to provide interesting information about Hawaiian species, local ecosystems, the work of HWC and steps individuals can take to better respect the lands and waters of Hawai'i. School programs, HWC-led training courses and conservation meetings will be able to be better accommodated as well once the project is completed. The HWC public area meets ADA requirements. The Center has 2 ADA parking stalls, ADA bathrooms and ramp access.

V. Personnel: Project Organization and Staffing**A. Proposed Staffing, Staff Qualifications, Supervision and Training**

The applicant shall describe the proposed staffing pattern and proposed service capacity appropriate for the viability of the request. The applicant shall provide the qualifications and experience of personnel for the request and shall describe its ability to supervise, train and provide administrative direction relative to the request.

Staffing currently consists of five staff members (3 full time, 2 part time): the Center Director, Development Director, Development Coordinator, Development Clerk, Wildlife Rehabilitation Manager, and Wildlife Technician. HWC is currently in the process of hiring an Administrative Manager (full time), and plans to seek an Education/Volunteer Coordinator once the Ho'opūlāma exhibits are completed and the education program at the Center is formalized.

Ho'opūlama Capital Campaign – High Involvement

1) Center Director (full time position): Provides leadership and general supervision over all aspects of HWC's programs. Reports to Board of Directors.

2) Development Coordinator (full time position): Oversees fundraising, including the management of grants and contracts. Reports to Center Director.

Ho'opūlama Capital Campaign – Some Involvement

3) Development Clerk (part time position): Assists the Development Coordinator. Reports to the Center Director and Development Coordinator.

4) Administrative Manager (full time position): Responsible for administrative management, including bookkeeping and vehicle maintenance, retail space, and assisting the Center Director with office work and correspondence. Also responsible for managing the volunteer program until a Education/Volunteer Coordinator is hired. Reports to the Center Director.

Ho'opūlama Capital Campaign – Little Involvement

5) Wildlife Rehabilitation Manager (full time position): Manages wildlife rehabilitation program for the Center. Implements wildlife care policies for the best achievable care. Oversees daily staffing for rehabilitation and research programs. Reports to the Center Director.

6) Wildlife Technician (part time position): Assists the Wildlife Rehabilitation Manager with wildlife care and maintaining the wildlife facilities seven days a week. Reports to Wildlife Rehabilitation Manager.

Staff Qualifications (Current Staff)

Linda Elliott

HWC President and Center Director

Linda is the founder and driving force behind the HWC. Linda holds a Bachelor of Science degree in Wildlife Biology and has over fifteen years of fieldwork as a Wildlife Rehabilitator, Certified Oiled Wildlife Responder, and International Wildlife Responder. She has earned 40-hour HAZWOPER certification, and has accumulated 20 years experience as an educator, supervisor and emergency response manager.

Linda was the Wildlife Manager for a resort-based partnership program with State and Federal wildlife agencies from 1988-1994. The program ended in 1994 with a change in ownership of the resort, and this left the state without a wildlife center.

Linda continues to provide emergency response care when called on by the state. She has directed several rehabilitation projects for avian botulism outbreaks affecting three endangered species, including the very rare Laysan Duck newly established on Midway

Atoll National Wildlife Refuge, and several species of migratory water bird in the archipelago, and all of the Hawai'i wildlife responses for four oil spills and one chemical spill in the last decade. During this time, Ms. Elliott has been and continues to be a leading member of an international wildlife emergency response team participating in eighteen international rescue operations to date. She is also the only oiled-wildlife rehabilitation manager in the State of Hawai'i.

In addition, Linda also works on wildlife recovery and conservation projects in partnerships with Hawai'i government agencies and nonprofits. She participated and managed more than a dozen Hawai'i wildlife conservation projects that include teaching wildlife response courses to the Wildlife Agencies throughout Hawai'i, and in Guam and the Commonwealth of the Northern Mariana Islands. Linda is very familiar with the proper protocols and regulations surrounding rehabilitation programs and is extremely qualified to lead the mission of HWC.

Rae Okawa
Development Coordinator

Rae holds a Bachelor of Science degree in Biological Sciences from Cornell University and a Masters of Environmental Studies degree from the University of Pennsylvania. Rae was born and raised on Oahu where she developed a passion for native birds early on. Her work experience before joining the HWC team ranged from fieldwork in Venezuela to education and communications positions with the Cornell Laboratory of Ornithology and the Nature Conservancy of Hawai'i. The coursework completed for her master's degree includes fundraising for nonprofits, philanthropy, conservation field techniques, project management and nonprofit finance.

Lisa Corley
Development Clerk

Lisa holds a Bachelor of Science degree in Health Sciences and also completed an on-line course to receive a diploma in Animal Science. She has worked in the healthcare industry for 18 years and in the retail computer industry before that.

Judith Ellal
Wildlife Rehabilitation Manager

Judi is a Veterinary Technician and Wildlife Rehabilitator with a passion for wildlife medicine and rehabilitation. Judi has a B.A. in Pre-vet and Marine Biology and a B.S. in Veterinary Technology and has over eight years of experience working with wildlife, including experience with management and mentoring. She has had the privilege of handling and caring for a wide variety of avian, mammal and reptile species during her professional career. Judi has demonstrated ability in examination and treatment of injured wildlife, including avian venipuncture, palpation, and radiographic interpretation, and like Linda has earned 40 hour HAZWOPER certification. In 2010, she spent 6 months working on a research project with Biodiversity Research Institute and the U.S. Fish and Wildlife Service on the Deepwater Horizon oil spill in the Gulf of Mexico.

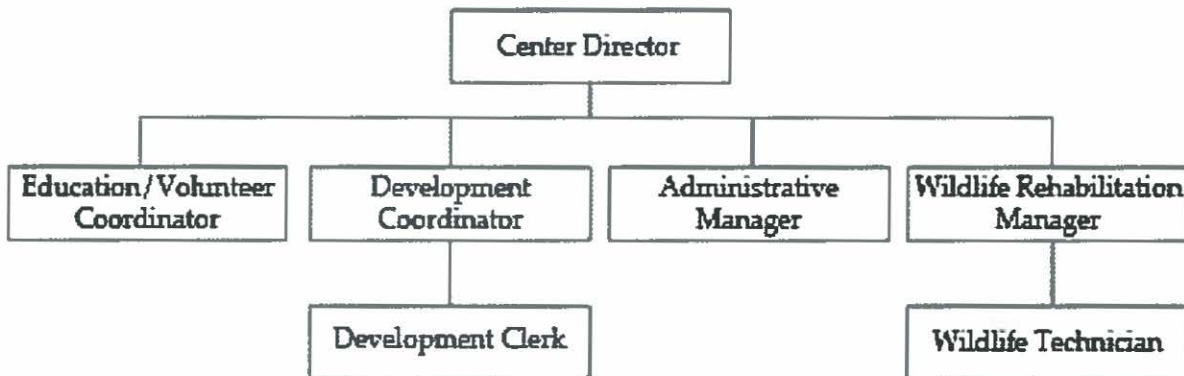
**Sarah Davis
Wildlife Technician**

Sarah was born in Missouri and has a Bachelors of Science degree in Wildlife and Environmental Education from Unity College in Unity, ME. After being handed a Pine Siskin specimen in a college ornithology class, Sarah knew that she wanted to work with birds and has since worked in a variety of positions that have allowed her to follow this passion, including three seasons as a field biologist with the Loon Preservation Committee in New Hampshire and volunteering with the Wings of the Dawn Sanctuary.

Supervision and Training

The Center Director supervises all current administrative staff and the Wildlife Rehabilitation Manager. The Wildlife Rehabilitation manager supervises the Wildlife Technician. Training is provided to all staff members when needed. HWC Development Coordinator and Wildlife Technician currently provide training to new volunteers, but this responsibility will shift to the Education/Volunteer Coordinator once that position is filled.

B. Organization Chart



C. Compensation

Center Director: \$68,000
 Development Coordinator: \$46,000
 Wildlife Rehabilitation Manager: \$44,000

VI. Other

A. Litigation

Not applicable

B. Licensure or Accreditation

The applicant shall specify any special qualifications, including but not limited to licensure or accreditation that applicant possesses relevant to this request.

Federal Wildlife Permit #: MB53007A-0

State Wildlife Permit #: WRPM-09

C. Federal and County Grants

The applicant shall separately specify the amount of federal and county grants awarded since July 1, 2014

Hawai'i County Council Contingency Fund –

Native Wildlife Preservation (C.004741), \$2,000

D. Private Educational Institutions

The applicant shall specify whether the grant will be used to support or benefit a sectarian or non-sectarian private educational institution. Please see Article X, Section 1, of the State Constitution for the relevance of this question.

Not applicable

E. Future Sustainability Plan

The applicant shall provide a plan for sustaining after fiscal year 2015-16 the activity funded by the grant if the grant of this application is:

- (1) Received by the applicant for fiscal year 2015-16, but*
- (2) Not received by the applicant thereafter*

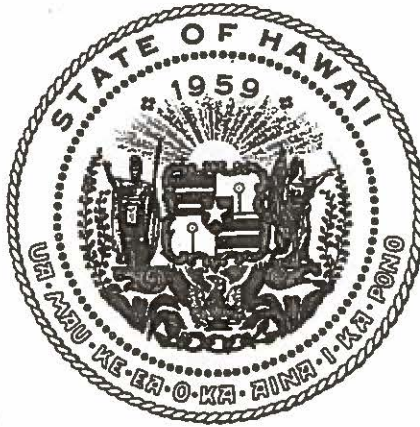
Long-term financial sustainability is a key element of the Ho'opūlama Project, and the number one priority for HWC operations overall. It is imperative that HWC is able to support the Ho'opūlama exhibits once they are constructed which was the motivation to take the combined campaign approach, combining the implementation costs (fabrication, installation and administration) with the building of a short-term reserve for the Ho'opūlama project.

HWC has identified a long-term sustainability plan that is currently being cultivated and built upon, including annual revenue from service contracts, support agreements and retail sales as well as the increase in its fund development capacity and major fundraising programs. Although it has already started on this plan, HWC will need at least three years to increase the robustness of this program and bring it to a level that will yield reliable revenue sources. During this time, the three-year short-term Ho'opūlama reserve will act as insurance to support and protect the HWC and the Ho'opūlama exhibits.

F. Certificate of Good Standing

If the applicant is an organization, the applicant shall submit one (1) copy of a certificate of good standing from the Director of Commerce and Consumer Affairs that is dated no earlier than December 1, 2014.

See attached.



Department of Commerce and Consumer Affairs

CERTIFICATE OF GOOD STANDING

I, the undersigned Director of Commerce and Consumer Affairs of the State of Hawaii, do hereby certify that

HAWAII WILDLIFE CENTER

was incorporated under the laws of Hawaii on 01/06/2006 ; that it is an existing nonprofit corporation; and that, as far as the records of this Department reveal, has complied with all of the provisions of the Hawaii Nonprofit Corporations Act, regulating domestic nonprofit corporations.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the seal of the Department of Commerce and Consumer Affairs, at Honolulu, Hawaii.

Dated: January 24, 2015

Interim Director of Commerce and Consumer Affairs



BUDGET REQUEST BY SOURCE OF FUNDS

Period: July 1, 2015 to June 30, 2016

Applicant: Hawai'i Wildlife Center

BUDGET CATEGORIES	Total State Funds Requested (a)	Total Federal Funds Requested (b)	Total County Funds Requested (c)	Total Private/Other Funds Requested (d)
A. PERSONNEL COST				
1. Salaries	0			270,000
2. Payroll Taxes & Assessments	0			48,000
3. Fringe Benefits	0			300
TOTAL PERSONNEL COST	0			318,300
B. OTHER CURRENT EXPENSES				
1. Professional Services (legal, accounting, etc.)	0			10,000
2. Insurance	0			6,000
3. Vehicle insurance and maintenance	0			4,000
4. Facilities and Equipment	0			10,000
5. Events, marketing and promotions	0			1,000
6. Development Infrastructure	0			5,000
7. Travel	0			4,000
8. Office Operations and Supplies	0			4,000
9. Printing and Copying	0			2,000
10. Dues and Subscriptions	0			1,000
11. Meals and Refreshments (meetings, etc.)	0			500
12. Conference registration and training	0			1,000
13. Retail shop expenses	0			3,000
14. Business fees, licenses, etc.	0			1,000
15. Wildlife Services	0			91,000
16. Education and Outreach	0			1,500
17				
18				
19				
20				
TOTAL OTHER CURRENT EXPENSES	0			145,000
C. EQUIPMENT PURCHASES	0	0	0	0
D. MOTOR VEHICLE PURCHASES	0	0	0	0
E. CAPITAL	500,000	0	0	400,000
TOTAL (A+B+C+D+E)	500,000	0	0	863,300
SOURCES OF FUNDING		Budget Prepared By:		
(a) Total State Funds Requested	500,000	Rae Okawa (808) 884-5000		
(b) Total Federal Funds Requested	0	Name (Please type or print) Phone		
(c) Total County Funds Requested	0	Signature of Authorized Official Date		
(d) Total Private/Other Funds Requested	863,300	Linda Elliott, President and Center Director		
TOTAL BUDGET	1,363,300	Name and Title (Please type or print)		

BUDGET JUSTIFICATION - EQUIPMENT AND MOTOR VEHICLES

COPY

Period: July 1, 2015 to June 30, 2016

Applicant: Hawai'i Wildlife Center

DESCRIPTION EQUIPMENT	NO. OF ITEMS	COST PER ITEM	TOTAL COST	TOTAL BUDGETED
All-in-one 32" all-weather touchscreen computer	1	\$3,060.00	\$ 3,060.00	\$3,060
All-in-one 19" all-weather touchscreen computer	1	\$2,800.00	\$ 2,800.00	\$2,800
Flat Screen Furniture Mount for 32" screens	1	\$310.00	\$ 310.00	\$310
Shipping to Hawaii for Computers and mount (estimated)		\$700.00	\$ 700.00	\$700
Dlite Microscope - Dual lens set and software, shipping included	3	\$300.00	\$ 900.00	\$900
TOTAL:	6		\$ 7,770.00	\$7,770

JUSTIFICATION/COMMENTS: equipment is for HWC Story wall and wildlife patient exploration exhibits

DESCRIPTION OF MOTOR VEHICLE	NO. OF VEHICLES	COST PER VEHICLE	TOTAL COST	TOTAL BUDGETED
			\$ -	
			\$ -	
			\$ -	
			\$ -	
			\$ -	
TOTAL:				

JUSTIFICATION/COMMENTS: not applicable

BUDGET JUSTIFICATION - CAPITAL PROJECT DETAILS
 Period: July 1, 2015 to June 30, 2016

Applicant: Hawai'i Wildlife Center

FUNDING AMOUNT REQUESTED						
TOTAL PROJECT COST	ALL SOURCES OF FUNDS RECEIVED IN PRIOR YEARS		STATE FUNDS REQUESTED	OTHER SOURCES OF FUNDS REQUESTED	FUNDING REQUIRED IN SUCCEEDING YEARS	
	FY: 2013-2014	FY: 2014-2015	FY:2015-2016	FY:2015-2016	FY:2016-2017	FY:2017-2018
MASTER PLAN (PLAN AND DESIGN)	\$52,000	\$2,500				
IMPLEMENTATION: FABRICATION AND INSTALLATION OF EXHIBITS, INCLUDING EXHIBIT EQUIPMENT			\$212,500	\$127,500	\$85,000	
IMPLEMENTATION: ADMINISTRATIVE COSTS			\$37,500	\$22,500	\$15,000	
HO'OPŪLAMA RESERVE			\$250,000	\$250,000	\$500,000	\$500,000
TOTAL:	\$52,000	\$2,500	\$500,000	\$400,000	\$600,000	\$500,000
JUSTIFICATION/COMMENTS: Total implementation costs (excluding Ho'opūlama reserve) equals 85% exhibit fabrication and installation costs and 15% administrative costs						

GOVERNMENT CONTRACTS AND/OR GRANTS

Applicant: Hawai'i Wildlife Center

	CONTRACT DESCRIPTION	EFFECTIVE DATES	AGENCY	GOVERNMENT ENTITY (U.S. / State / Haw / Hon / Kau / Mau)	CONTRACT VALUE
1.	Contingency Fund Grant, Native Wildlife Preservation (C.4741)	11/28/2014 – 6/30/2015	County Council	County of Hawai'i	\$2,000
2.	Ho'opūlama Master plan (C.003731)	2/27/2013 – 3/31/2014	Hawai'i Tourism Authority	County of Hawai'i	\$35,000
3.					
4.					
5.					
6.					
7.					
				TOTAL	\$37,000

**DECLARATION STATEMENT OF
APPLICANTS FOR GRANTS PURSUANT TO
CHAPTER 42F, HAWAII REVISIED STATUTES**

The undersigned authorized representative of the applicant certifies the following:

- 1) The applicant meets and will comply with all of the following standards for the award of grants pursuant to Section 42F-103, Hawaii Revised Statutes:
 - a) Is licensed or accredited, in accordance with federal, state, or county statutes, rules, or ordinances, to conduct the activities or provide the services for which a grant is awarded;
 - b) Complies with all applicable federal and state laws prohibiting discrimination against any person on the basis of race, color, national origin, religion, creed, sex, age, sexual orientation, or disability;
 - c) Agrees not to use state funds for entertainment or lobbying activities; and
 - d) Allows the state agency to which funds for the grant were appropriated for expenditure, legislative committees and their staff, and the auditor full access to their records, reports, files, and other related documents and information for purposes of monitoring, measuring the effectiveness, and ensuring the proper expenditure of the grant.

- 2) If the applicant is an organization, the applicant meets the following requirements pursuant to Section 42F-103, Hawaii Revised Statutes:
 - a) Is incorporated under the laws of the State; and
 - b) Has bylaws or policies that describe the manner in which the activities or services for which a grant is awarded shall be conducted or provided.

- 3) If the applicant is a non-profit organization, it meets the following requirements pursuant to Section 42F-103, Hawaii Revised Statutes:
 - a) Is determined and designated to be a non-profit organization by the Internal Revenue Service; and
 - b) Has a governing board whose members have no material conflict of interest and serve without compensation.

Pursuant to Section 42F-103, Hawaii Revised Statutes, for grants used for the acquisition of land, when the organization discontinues the activities or services on the land acquired for which the grant was awarded and disposes of the land in fee simple or by lease, the organization shall negotiate with the expending agency for a lump sum or installment repayment to the State of the amount of the grant used for the acquisition of the land.

Further, the undersigned authorized representative certifies that this statement is true and correct to the best of the applicant's knowledge.

Hawaii Wildlife Center
(Typed Name of Individual or Organization)


(Signature)

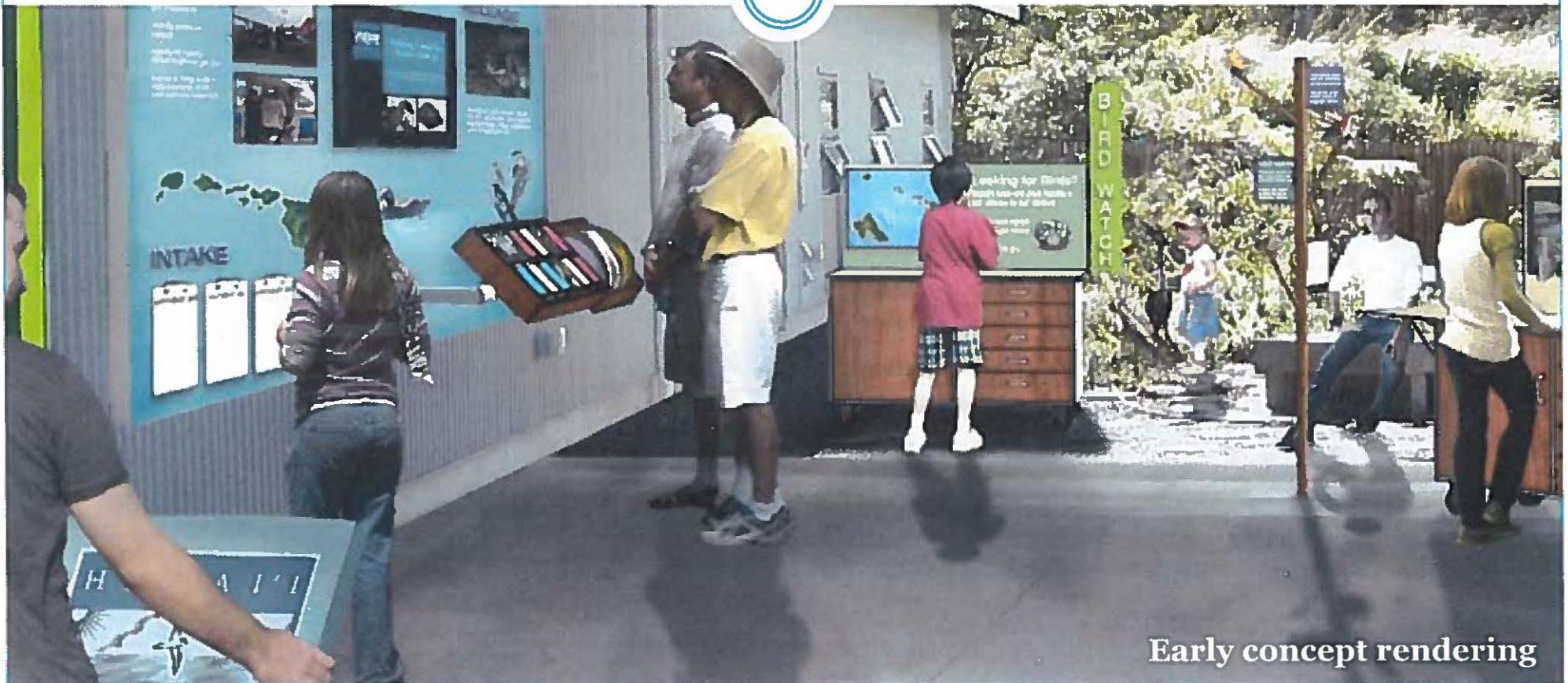
01/24/2015
(Date)

Linda Elliott
(Typed Name)

President and Center Director
(Title)

Ho'opūlama Master Plan

Detailing the Public Exhibits at the
Hawai'i Wildlife Center Wildlife Hospital
Kapa'au, HI



Early concept rendering

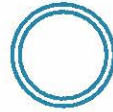
Project Sponsors



This report was made possible by the
generous support of

The County of Hawai'i Department of
Research and Development
Hawai'i Tourism Authority
Atherton Family Foundation

Special Thanks To



Scott Bedingfield
Change Happens Foundation
Jim Denny
Jack Jeffrey
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William T. Ruhl, Ruhl Walker Architects
Robert Shallenberger
Aaron Spielman, Rhoady Lee Architecture and Design
Danny Akaka Jr.
Toyota 100 Cars for Good Program
Jason Umemoto, Umemoto Cassandro Design Corp.
Young Brothers, Ltd.

Project Leaders



Gyroscope, Inc.

Charles Howarth

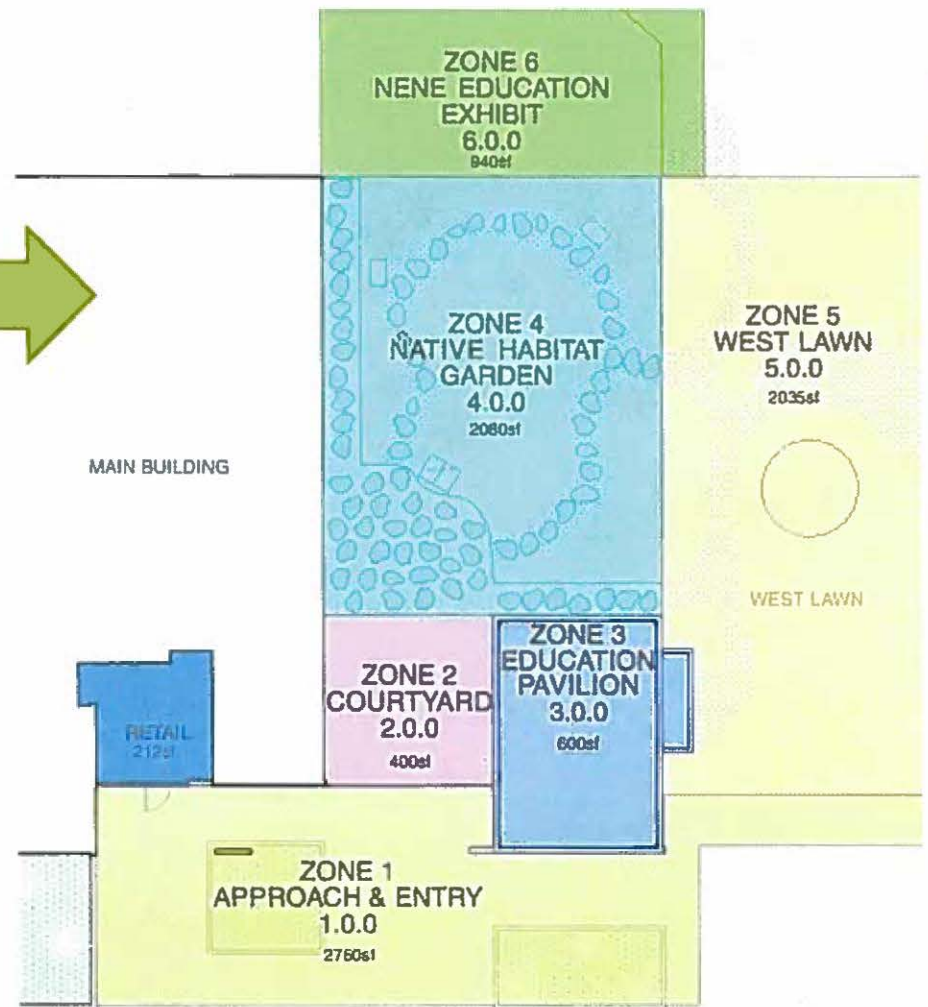
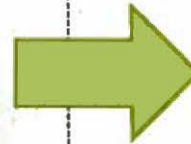
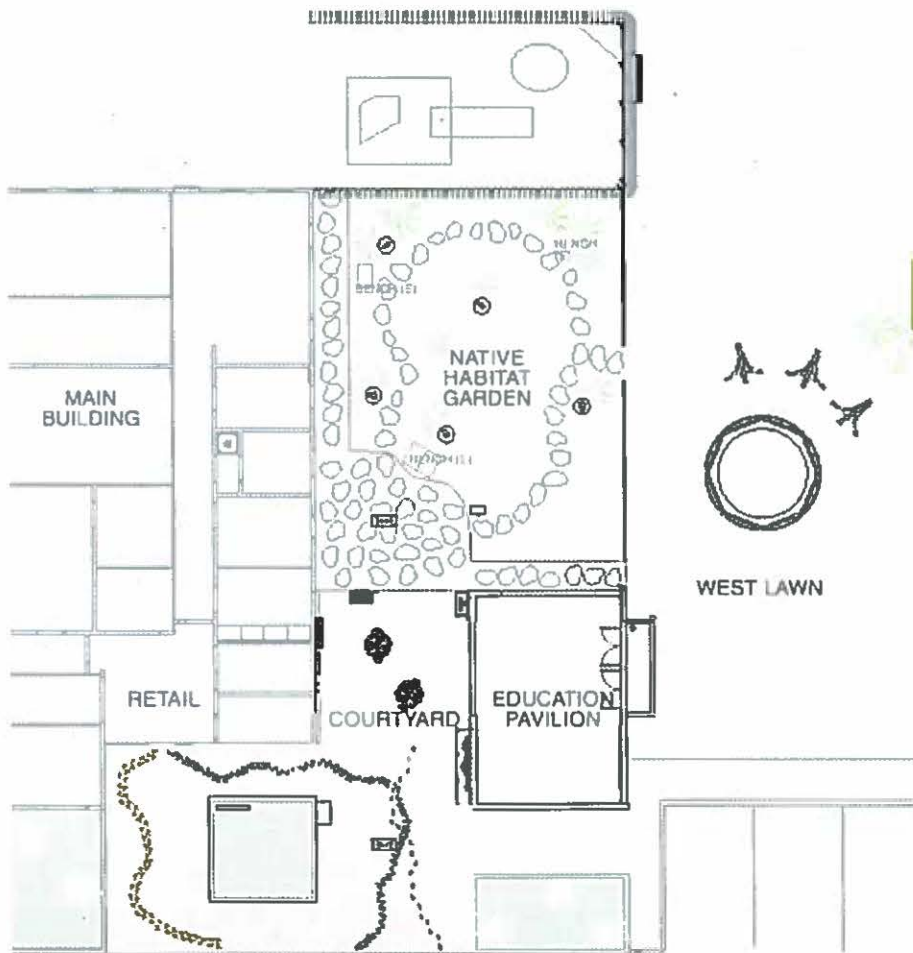
Tasha Leverette

Hawai'i Wildlife Center

Linda Elliott, President and Center Director

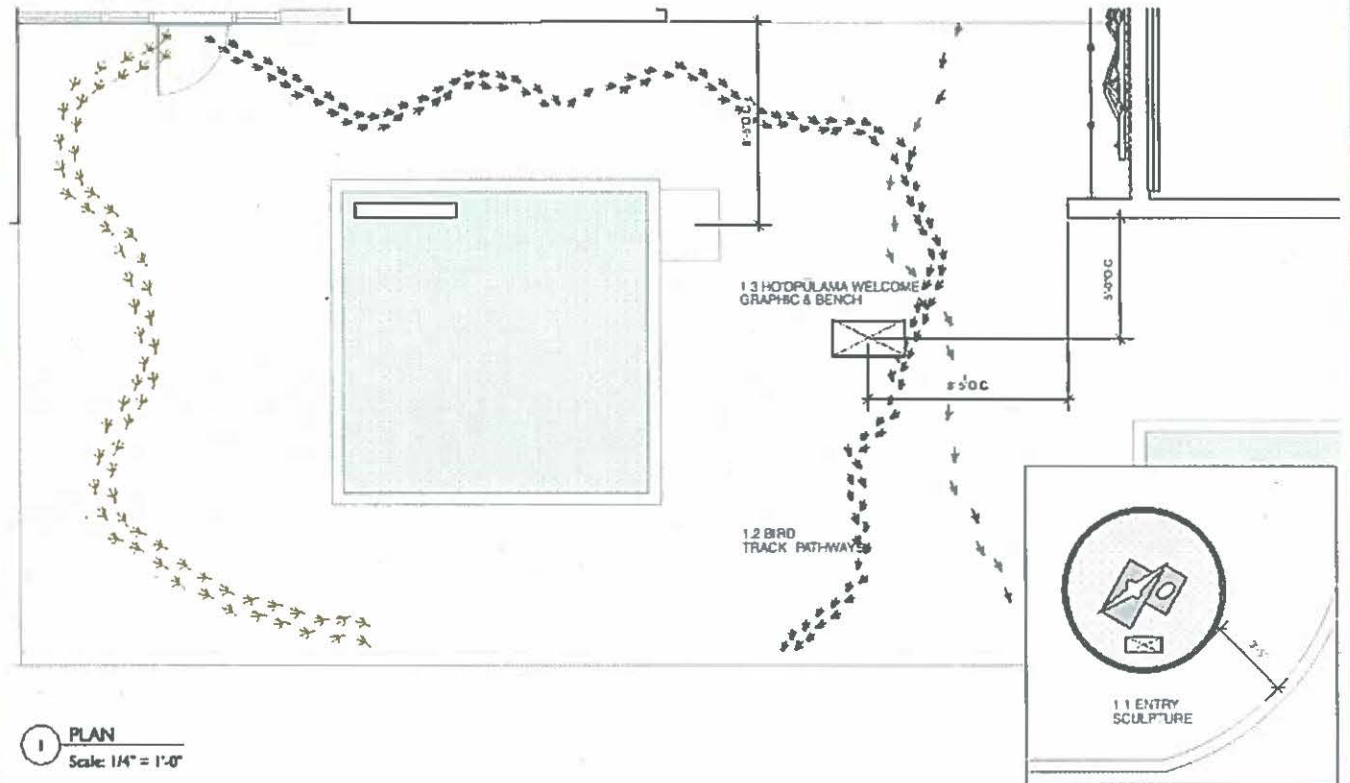
Rae Okawa, Development Coordinator

Ho'opūlama Zones



ZONE 1

Approach and Entry



ZONE 1

Nene Welcome Sculpture

Nēnē in Flight

Artwork by Ralph Trethewey

The Nēnē is Hawai'i's state bird. Nēnē were once close to extinction, with only 30 birds left in the wild. Captive breeding saved the species, but Nēnē remain one of the rarest species of goose in the world. They live in the wild only on Maui nui, Kaua'i, and Hawai'i Island. Nēnē mate for life and are almost always seen in groups.

Sculpture interpretive panel



Sculpture concept rendering


As visitors arrive at the HWC they are greeted by a pair of Nene, Hawai'i's state bird. Cast in bronze, the two birds are a symbol of a native species recovery success story and a perfect welcome and representation of the mission of the Center.

ZONE 1

Ho'opūlama Welcome Graphic Panel



Aloha and welcome to the Hawaii Wildlife Center, a unique nonprofit organization dedicated exclusively to the preservation of Hawaii's wild treasures. The Hawaii Wildlife Center is a state and region-wide professional response organization that provides critical wildlife services, including state-of-the-art care and rehabilitation for native animals, comprehensive wildlife rescue training, public education, and outreach programs.



Ho'opūlama

To save and cherish

Neither a zoo nor a preserve, this facility exists to facilitate the Center's work with the treatment and rehabilitation of sick, injured and oiled wildlife for release back to the wild.

The Hawaiian Islands are home to more threatened and endangered species than any other place on Earth. In the centuries since humans first arrived, some species are now extinct, but many remain. They are uniquely Hawaiian, part of our natural and cultural heritage and of irreplaceable value.

Our goal at the Hawaii Wildlife Center is do everything in our power to save those native species for future generations to cherish. We invite you to join us in this vital task.

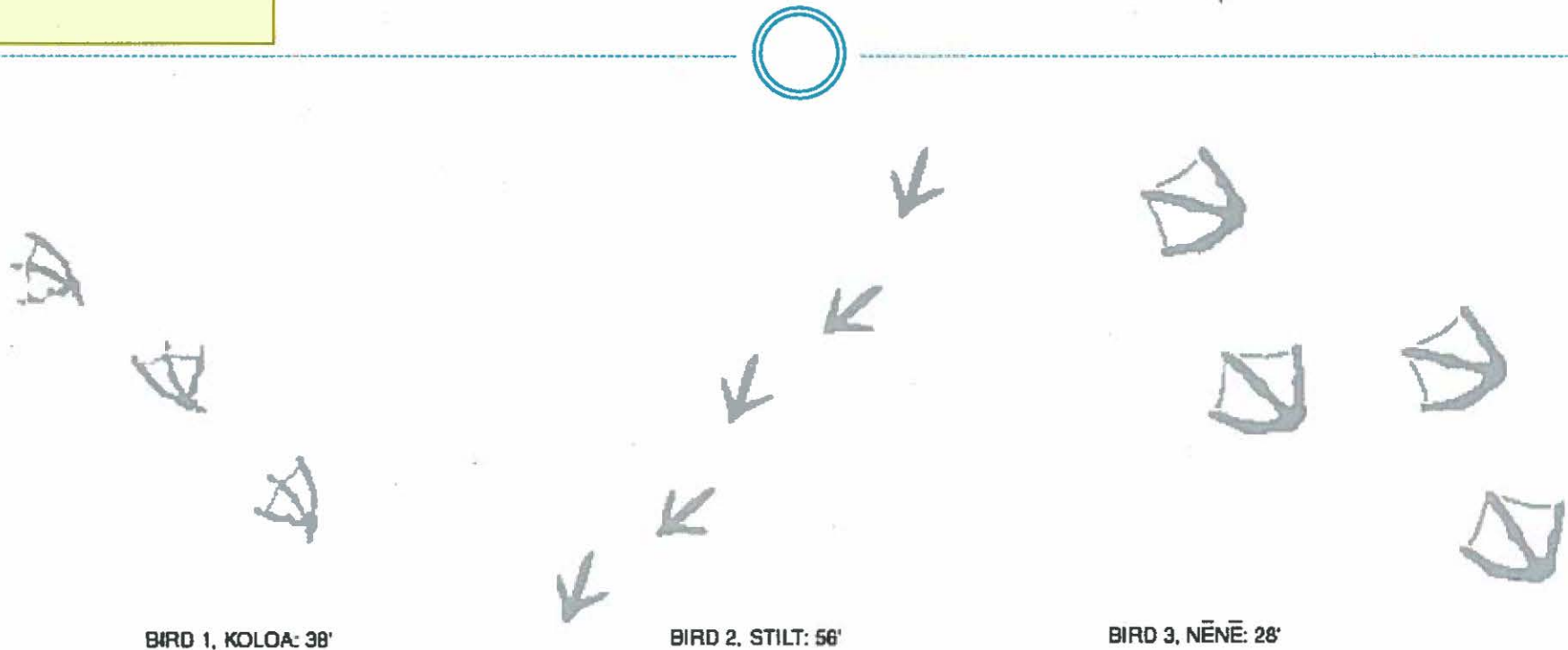
Photo: © Richard Ross/Photo: © Richard Ross



This is the first graphic panel that visitors will see as they approach the courtyard. It shares the name of the public space and introduces the visitor to the HWC, the purpose of the wildlife hospital and gives a glimpse into Hawai'i's biodiversity.

ZONE 1

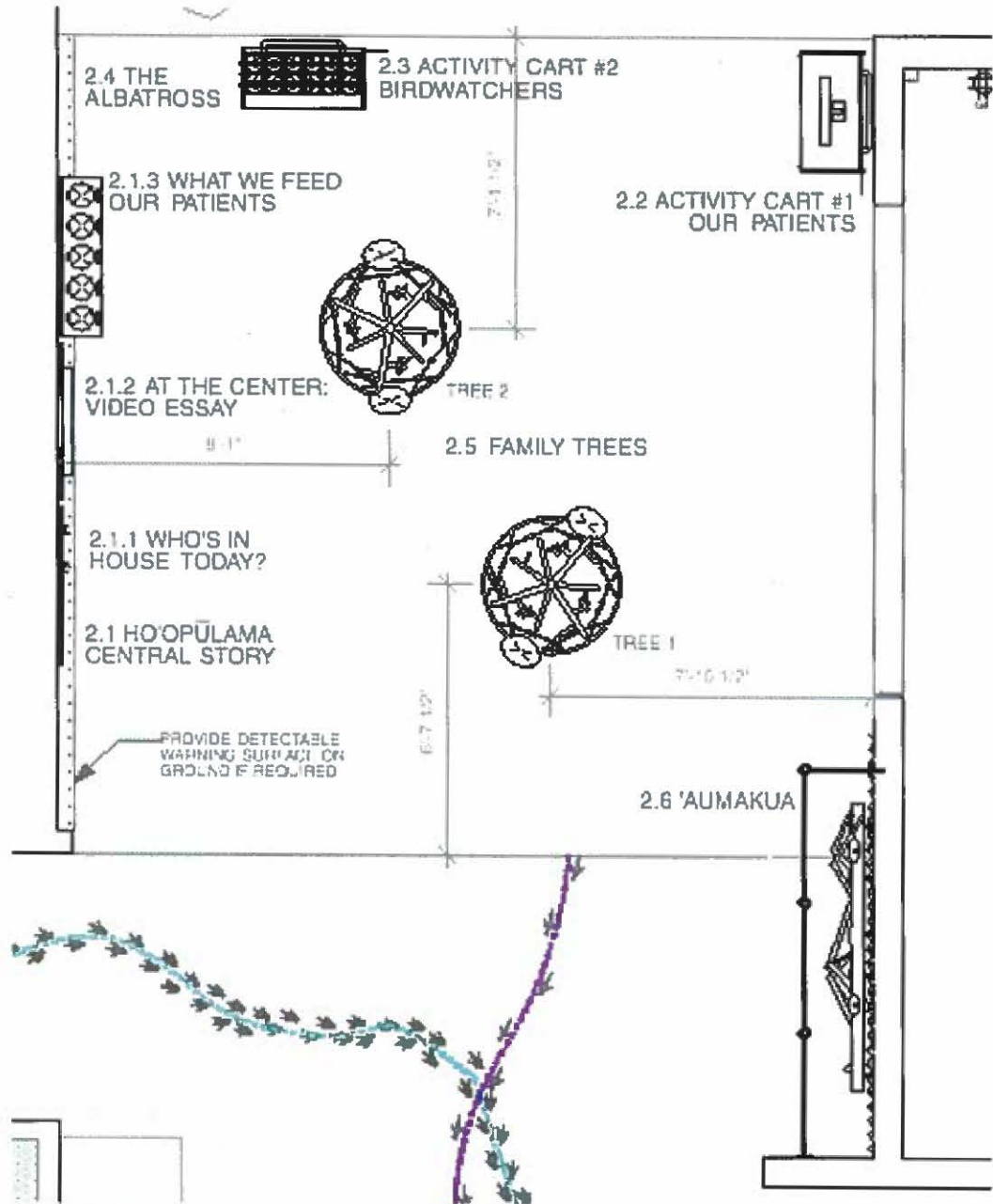
Bird Track Pathway



The bird track pathway will be etched into the existing concrete and connects exhibits in the Courtyard to the retail area. The pathway features the footprints of three different native birds. Bird identification resources will be available at the Bird Discovery cart in the courtyard and give the visitor an opportunity to identify the birds the footprints belong to.

ZONE 2

Courtyard



ZONE 2

Telling the HWC Story



Our Story

Hawaii Wildlife Center is the first and only facility in the world equipped with the expertise to respond to wildlife disasters. Our staff is trained to handle all of the Hawaiian Islands.

90% of the birds that are rescued are released back into the wild.

Our Rescue Team

When we receive a call about a sick or injured bird, we respond quickly to the location, and work to get the bird home for recovery.

We also help our volunteers, which is essential to our success. Through our training, we ensure that all our staff and volunteers are prepared to handle any situation.

Our Current Patients

Rehabilitation

Here at the center, we diagnose and treat wild birds and bats with a wide variety of illnesses, from broken bones to colic feathers to avian diseases.

(Video Screen)

The staff in the aviary facility are trained to monitor and care for the birds during their recovery. We provide a safe and secure environment for the birds to heal and gain strength.

Release

We are dedicated to the successful treatment of all our patients, and their return to the wild. Birds that only require specific treatments will be released on their island of origin. Others will be released at various sites or facilities independent of the island of origin.

Success Stories

1. A bird is rescued from a storm.

2. The bird is treated in the hospital.

3. The bird is released back into the wild.

4. The bird is seen flying over the ocean.

What We Feed Our Patients

We use a variety of specialized diets to ensure our patients receive the best care possible. Our diets are formulated to meet the specific needs of each species.

As visitors enter the Courtyard, the three main panels on the wall to the left are dedicated to helping them understand the mission of the HWC, the Center's wildlife services and programs and the work that goes on in the wildlife hospital. This is the primary location for describing the process by which the HWC rescues, treats and releases sick and injured birds and bats.

ZONE 2

Telling the HWC Story

Panel 1: Who's in House



Our Story

Hawai'i Wildlife Center is the first and only facility in the Pacific Islands equipped with the facilities and expertise to respond to wildlife affected by oil spills, disease outbreaks and natural disasters. Our patients come from all of the Hawaiian Islands and beyond.

90% of the 700+ seals at HWC are transported from all 13 of the Hawaiian Islands and beyond.

Our Rescued Seals

When we receive a call about a seal or marine mammal, we respond quickly. We can be the first to arrive on-site to provide immediate care and transport to the hospital. We also work with volunteers to help transport seals to facilities, including the HWC, before they can be moved to the mainland for further care. We are proud to be the first to arrive on-site to provide immediate care and transport to the hospital.

Our Current Patients

PATIENT INFORMATION SHEET	
SPECIES	NATURE OF ILLNESS OR INJURY
AGE AND SEX	SYMPTOMS
RESCUE DATE:	TREATMENT PLAN
RESCUE LOCATION:	
RESCUED BY:	
CURRENT STATUS:	
PROGNOSIS:	

One of the first questions many visitors ask is how many patients are currently in-house at the time of their visit.

The first graphic panel will feature patient charts on clipboards so visitors can see who we have in care.

In addition, the map of the Hawaiian Island chain can be used to mark the origins of current and previous patients, demonstrating the statewide impact of the Center.

ZONE 2

Telling the HWC Story

Panel 2: Patient Videos

Rehabilitation

Here at the center we diagnose and treat wild birds and bats with a wide variety of ailments, from broken bones to soiled feathers to avian diseases.



Our state-of-the-art facility includes animal intake, isolation and holding areas, wash and dry rooms for cleaning birds and contaminated wildlife, laboratory, hospital, recovery yard with aviaries and ponds, food prep and support spaces.

A centerpiece for the Ho'opūlama display is an interactive video that lets visitors watch the Center in action. This is where the visitor is given the opportunity to connect with the wildlife patients that are currently at, or have been at, the Center.

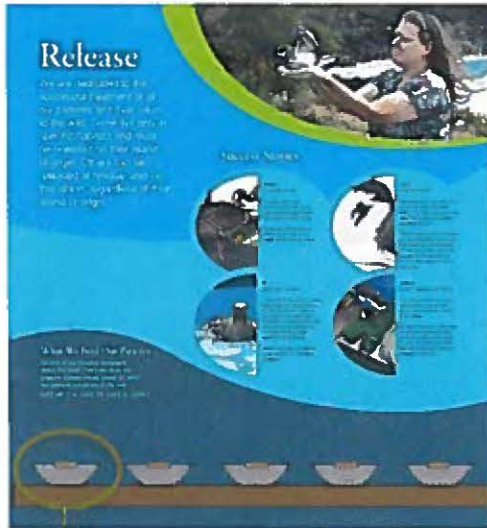
The system is menu-driven using a touchscreen. Content includes:

- Patient videos
- Live camera feeds to current patients in the facility
- Virtual tour of the wildlife hospital
- Wildlife services and conservation programs
- Collaborations and partners

ZONE 2

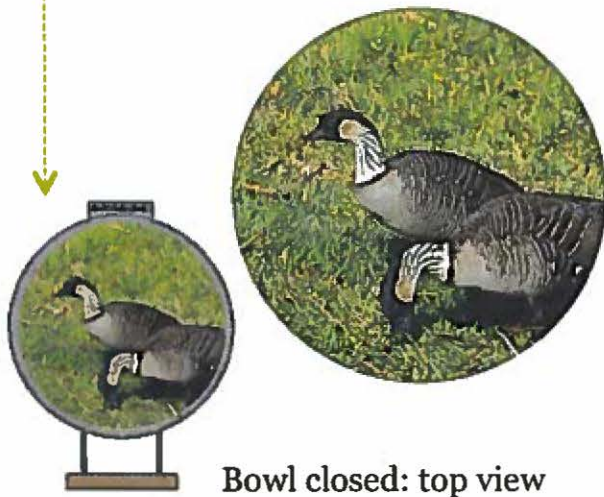
Telling the HWC Story

Panel 3: What We Feed Our Patients

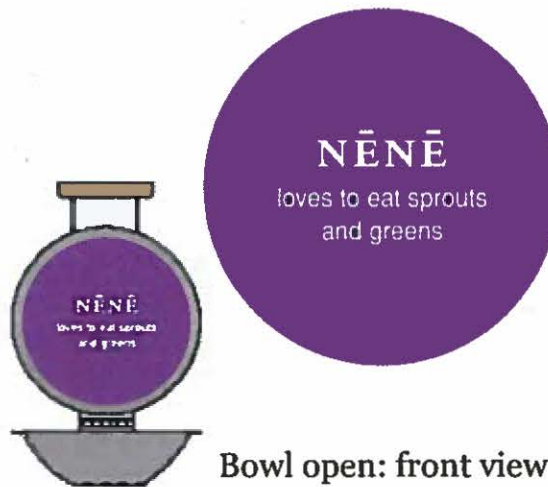


The primary goal of this exhibit is to get visitors to think about the varying dietary requirements of patients at the Center and the expertise that goes into caring for the wildlife patients.

The display includes a set of stainless steel food dishes with a photo of one of the animals that the Center cares for. Visitors lift the lid to see what's in the bowl while the back of the lid describes the animal's diet.



Bowl closed: top view



Bowl open: front view



Bowl open: top view

ZONE 2

Activity Cart #1: Our Patients

Cart Overview

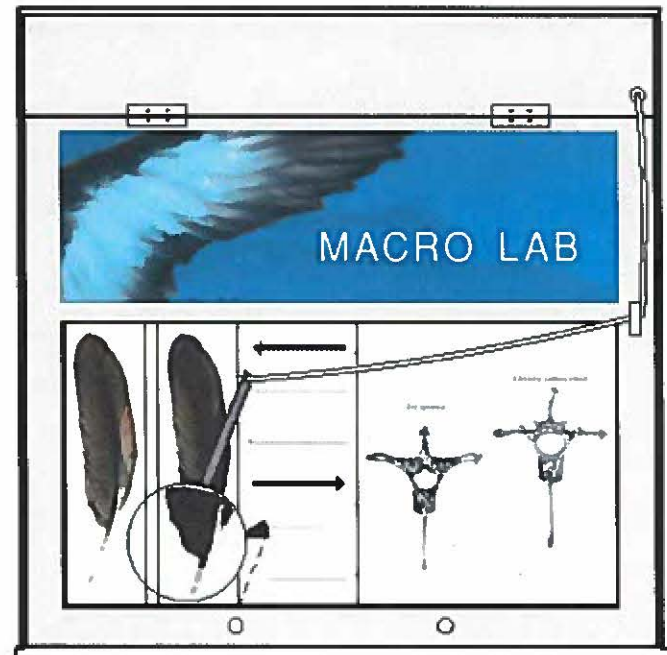
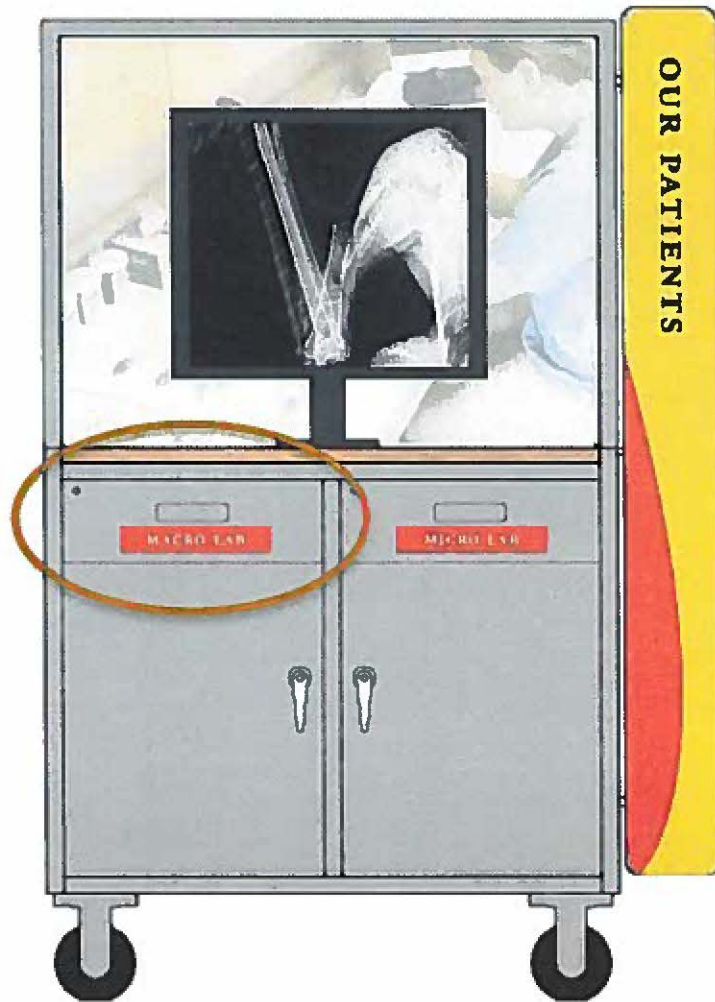


This rolling cart houses a variety of interactive experiences that help visitors understand the Center's sophisticated medical testing and intake procedures. The primary activity is a role-play experience where visitors use a touchscreen computer to evaluate a patient and determine a course of treatment.

ZONE 2

Activity Cart #1: Our Patients

Macro Lab Drawer



Drawer: top view

This drawer gives the visitor an opportunity to explore feathers and bone structure. The visitor will also be able to view real wildlife x-rays on the computer screen.

Displays in the drawer include:

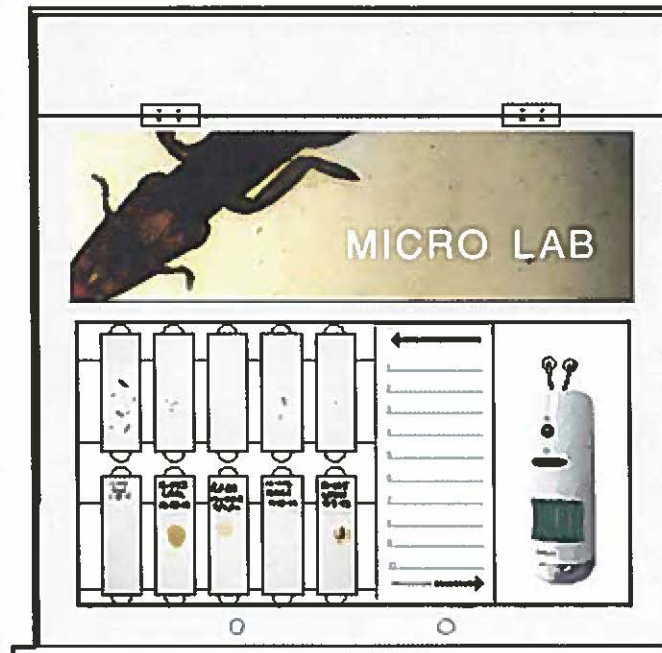
- Normal and oiled/contaminated feathers side-by-side for comparison
- Bird bone cross-section(s)

A magnifying glass is attached to allow closer observation.

ZONE 2

Activity Cart #1: Our Patients

Micro Lab Drawer



Drawer: top view

This activity allows visitors to get up (super) close to samples taken from actual wildlife patients, including parasites and blood.

This drawer features a digital microscope that is connected to the computer screen. Visitors can hold the microscope up to the slides in the drawer to see it magnified on the screen.

ZONE 2

Activity Cart #2: Bird Discovery Cart

Cart Overview



Native or Non-Native?

Hawaii is home to a wide variety of birds found nowhere else in the world. But you have to know where to look and what to look for.

All of these birds are found in our islands, but can you tell the native species from the non-native species? Take this quiz to find out.

Cart text enlarged

This cart celebrates the remarkable indigenous birds that the Center works to protect and gets the visitor to think about the wildlife they see around them and how many of those species are actually native to our islands.

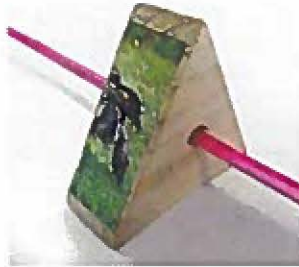
ZONE 2

Activity Cart #2: Bird Discovery Cart

Native or Non-Native Quiz



3-sided
flip panel
prototype



NATIVE

Hawaiian name:
'I'iwi

Scientific name:
Vestiaria coccinea

Endemic (exists ONLY in Hawai'i)

Although it was once found on all main islands, the 'I'iwi is now only found in the high native forests of Kaua'i, Maui, and Hawai'i Island.

Side 1: Photo

Side 2: Native or Non-Native

Side 3: Bird Fact



NON-NATIVE

English name:
Common Mynah

Scientific name:
Acridotheres tristis

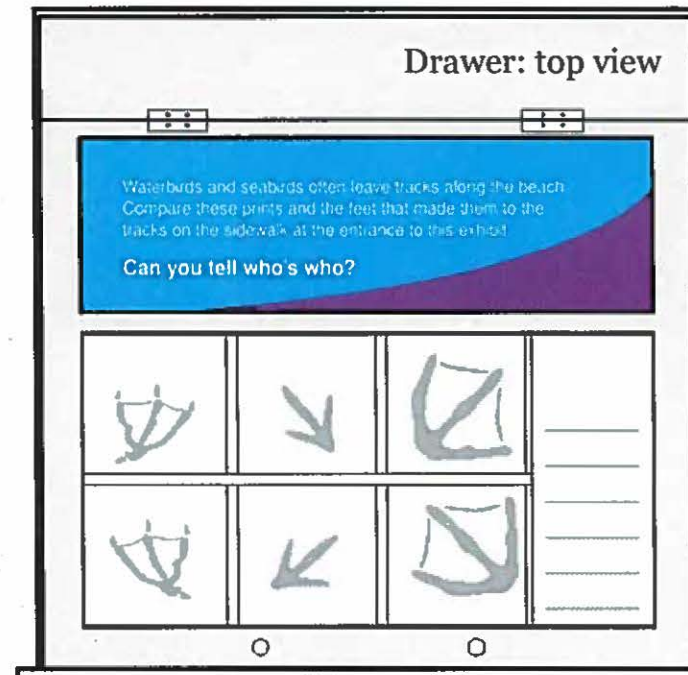
The Common Mynah was first introduced to Hawai'i from India in 1865 to control armyworms in pastureland.

The primary activity on the bird discovery cart is an interactive quiz where visitors test their knowledge of native species. The 3-sided flip panel rests on an image of a bird and visitors can flip the panel to see if the animals in native or non-native and read an interesting fact about its biology or introduction.

ZONE 2

Activity Cart #2: Bird Discovery Cart

Bird Tracks Drawer

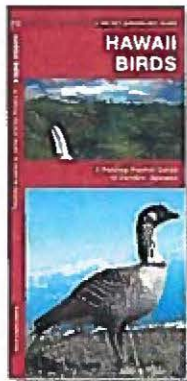
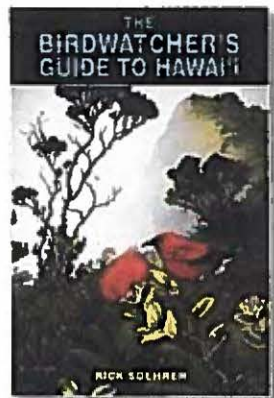
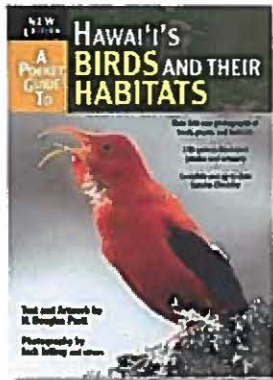


The bird tracks drawer will house models of bird feet that visitors can look at and use to identify the birds that made the footprints in our bird track pathways in the approach and entry zone.

ZONE 2

Activity Cart #2: Bird Discovery Cart

Resources Cabinet



The Resources drawer and cabinet provides additional space to hold bird guides and teaching resources, including eggs and skeletons. These resources will be used to enhance the visitor experience when docents are present.



ZONE 2

The Albatross



This full-scale model of a Laysan Albatross in flight soars overhead as the visitors walk about the courtyard. Most people do not get the opportunity to be immersed in native wildlife, so a main objective for these models is to allow the visitor to experience native species up close.

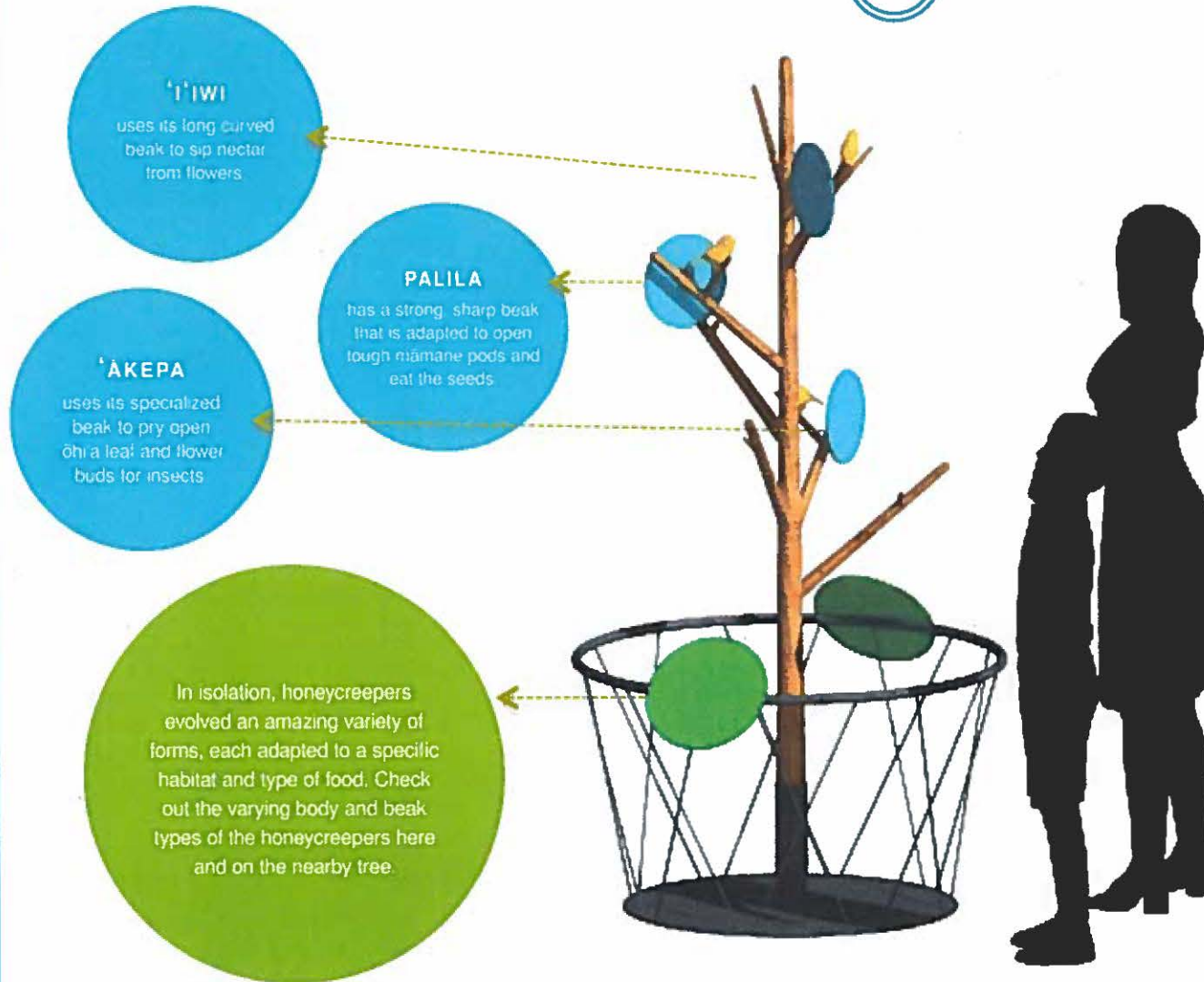
Albatross

The Laysan Albatross overhead is one of the largest seabirds in the Hawaiian Islands with a wing span of over six feet. 99% of the world's population of Laysan Albatross breed in the Northwest Hawaiian Islands.

Scientific name: *Phoebastria immutabilis*
Artwork by Ralph Trethewey

ZONE 2

Meet the Honeycreepers



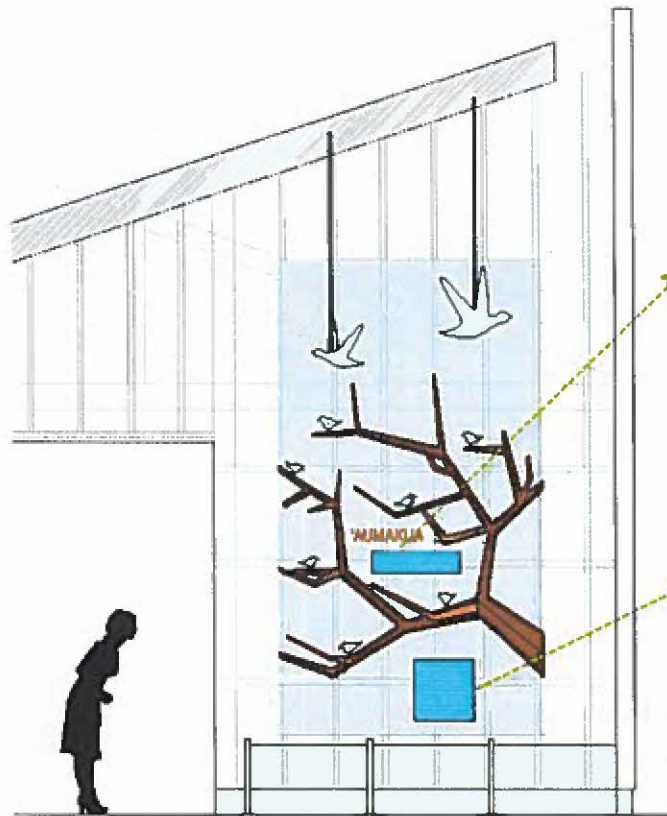
The Meet the Honeycreepers trees in the Courtyard also follow the objective to get visitors up close to native species.

Each stylized tree is home to three different sculpted honeycreeper models perched on its branches. Accompanying graphics introduce visitors to the remarkable story of evolution that led to so many varieties of these uniquely Hawaiian birds.

Next to each honeycreeper will be information about how the bird has adapted to its environment.

ZONE 2

'Aumakua



As our 'aumakua watch over us, we must do our part to watch over the wildlife they manifest in.

Many hawaiian families have an 'aumakua, or guardian spirit, to watch over them. An 'aumakua is an ancestor who can appear in the form of an animal—manō the shark, pueo the owl, or many other forms of native animals in our Islands. The 'aumakua is just one example of Hawaiians' close connection to nature.

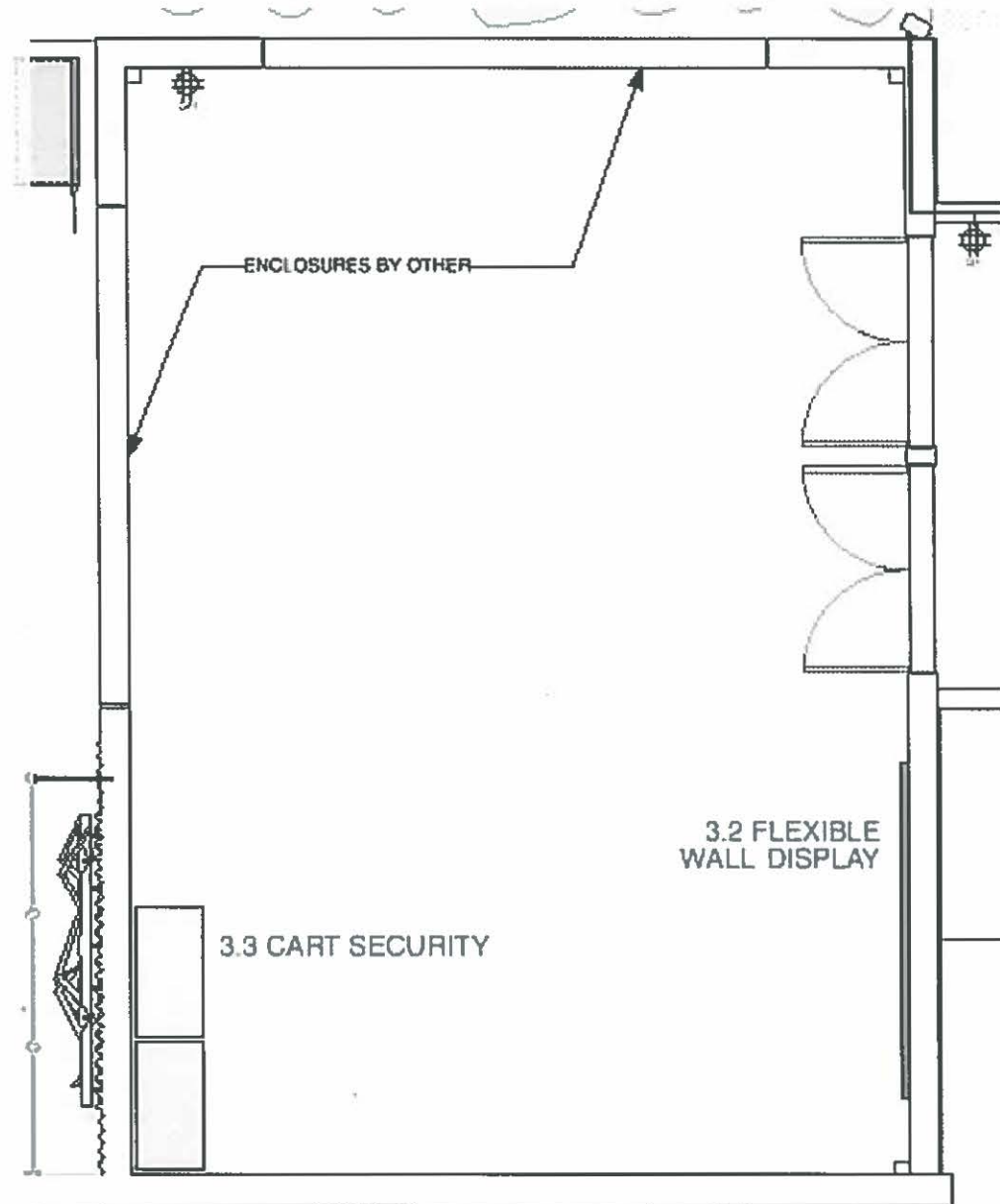


3D rendering

This exhibit provides a connection between native species and Hawaiian culture. It explains that just as our 'aumakua watch over us, so too must we watch over them. The display includes an array of native birds sculpted in white perched on a stylized tree and flying overhead.

ZONE 3

Education Pavilion



ZONE 3

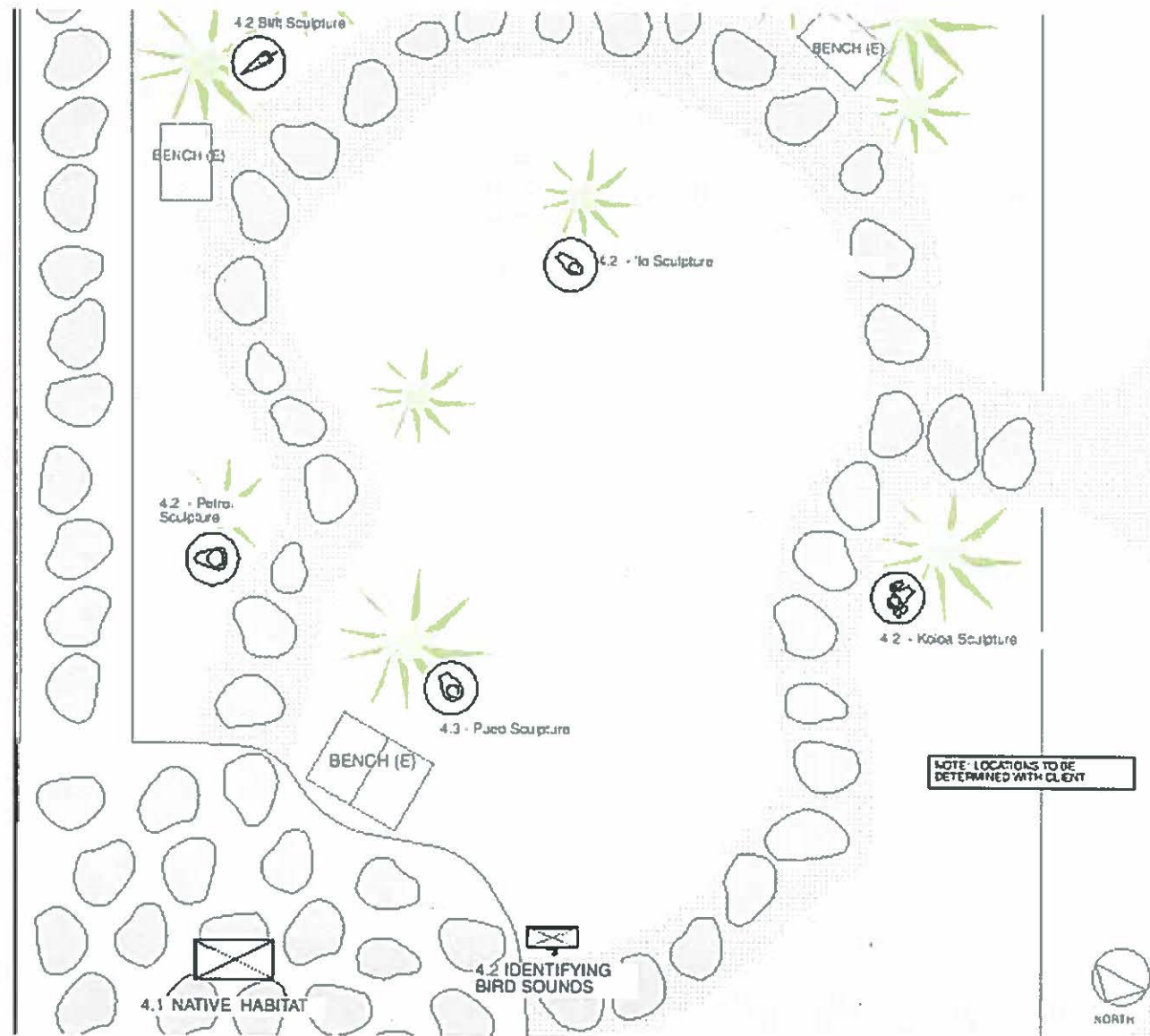
Flexible Wall Display



The flexible wall display is designed to give the Center the ability to display a variety of different graphics, from student artwork and projects to graphic panels that are occasionally donated by state agencies.

ZONE 4

Native Garden



ZONE 4

Native Garden Main Graphic Panel



Gardening for Wildlife

You can make a difference.

Plant your own native gardens at home or school.



Red-vented Cuckoo
(Illustration by [unreadable])

Native gardens are an important part of our strategy to save and conserve Hawaiian wildlife. An astonishing diversity of plants and animals have evolved in the Hawaiian islands. These remote islands provide home to more than 10,000 native species, over 90% found nowhere else on earth. Many depend on specific plants for food and shelter.

Regrettably, the characteristics that make our native birds unique also make them vulnerable when their environment changes.



Black Noddy
(Illustration by [unreadable])

Black Noddy
(Illustration by [unreadable])

Most of the native forests and natural wetlands that predated the arrival of people to Hawai'i are gone now.

As a result, more than half of the native bird and plant species once found here are now extinct, never to return. Yet, this is not yesterday's problem. Ten birds went extinct in the last 30 years. Of the 70+ bird species and subspecies that remain, 30 are on the Federal list of threatened and endangered species.

Photo: [unreadable]



This graphic introduces the native garden and ties in the importance of native ecosystems. The graphic panel explains the relationship between native habitats and wildlife and encourages visitors to create their own native gardens at home.

ZONE 4

Native Bird Discovery

Sculptures of native birds will be placed throughout the garden for visitors to discover. Like the albatross and honeycreepers in the courtyard area, the bird models in the garden aim to continue creating an atmosphere of being surrounded by native wildlife.

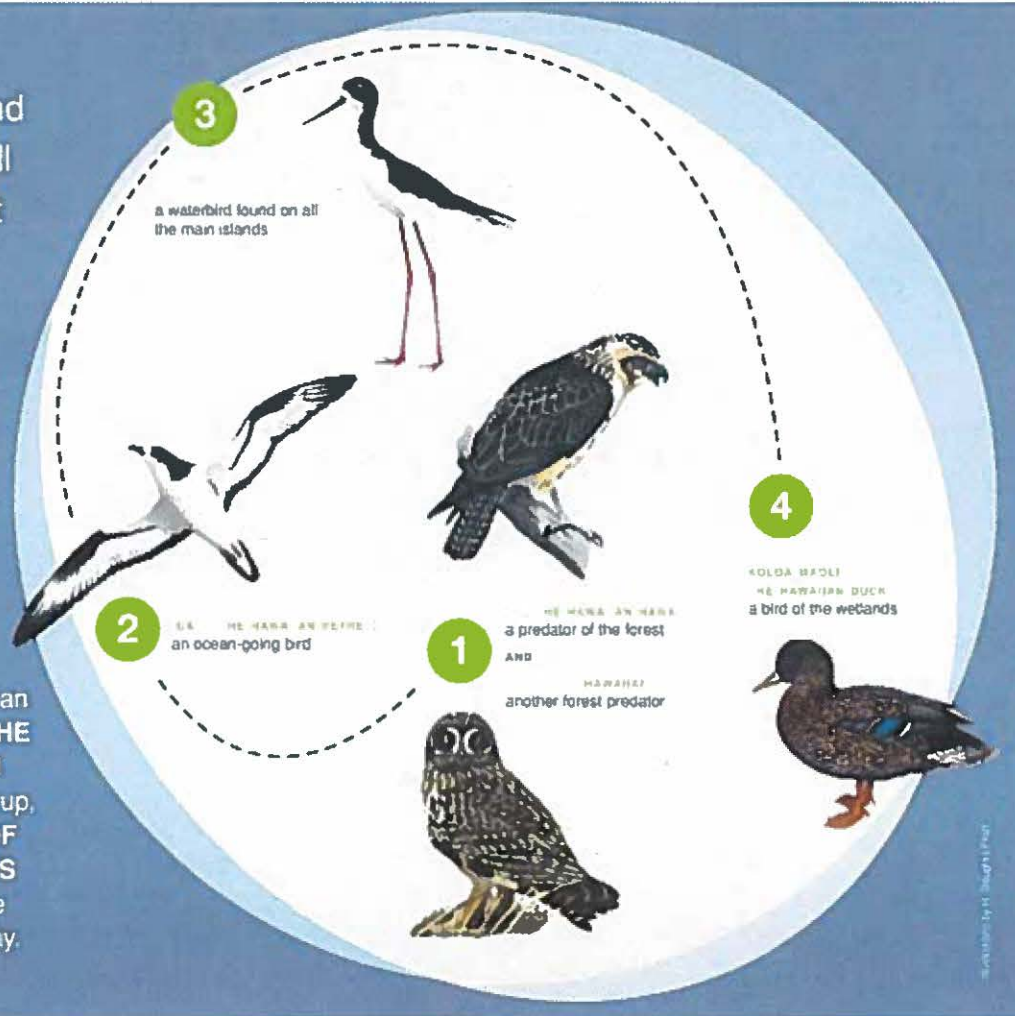


ZONE 4

Identifying Bird Sounds

If you look around our garden, you'll find five different native birds.

Often in the wild it is easier to hear birds than to see them. **TURN THE CRANK** on the sound box below to power it up, then **SELECT ONE OF THE FOUR BUTTONS** to hear the calls of the five birds in this display.



This display gives visitors a chance to hear the songs of the native birds that are modeled and displayed in the native garden.

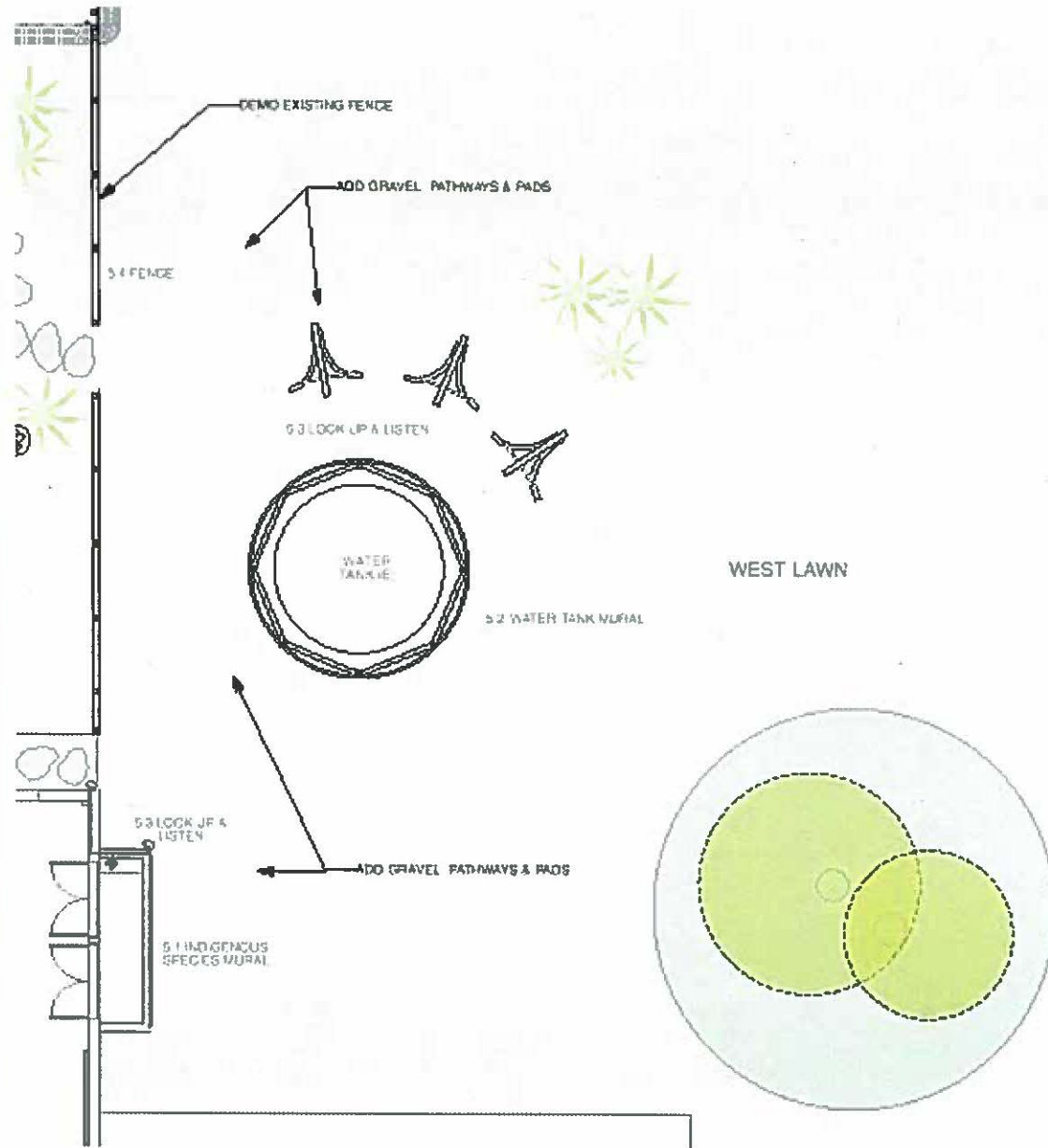
Visitors crank the sound box then press one of the buttons corresponding to the bird they'd like to hear. The sound box is weatherproof and completely human-powered (requires no electricity).



Bird Sounds graphic panel

ZONE 5

West Lawn



ZONE 5

Indigenous Species Mural



Mural Rendering

Indigenous Species Image Guide

1	2	3	4	5	6	7	8	9	10	11
12	13	14	15	16	17	18	19	20	21	22
23	24	25	26	27	28	29	30	31	32	33
34	35	36	37	38	39	40	41			
42	43	44	45	46	47	48	49			
50	51	52	53	54	55	56	57			
58	59	60	61	62	63	64	65	66	67	68



Sea Birds

- 1 Double-crested Cormorant
- 2 Laysan Albatross
- 3 Laysan Duck
- 4 Laysan Albatross
- 5 Laysan Albatross
- 6 Laysan Albatross
- 7 Laysan Albatross
- 8 Laysan Albatross
- 9 Laysan Albatross
- 10 Laysan Albatross
- 11 Laysan Albatross
- 12 Laysan Albatross
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- 19 Laysan Albatross
- 20 Laysan Albatross

Forest Birds

- 21 Laysan Albatross
- 22 Laysan Albatross
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- 26 Laysan Albatross
- 27 Laysan Albatross
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Openlands

- 41 Laysan Albatross
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- 60 Laysan Albatross

Wetlands

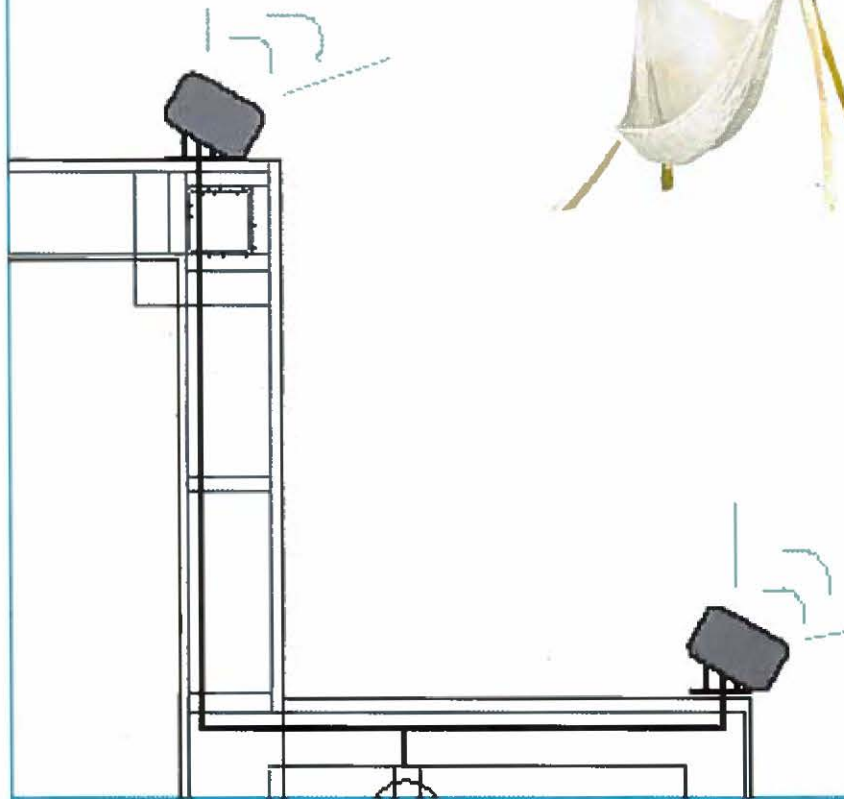
- 61 Laysan Albatross
- 62 Laysan Albatross
- 63 Laysan Albatross
- 64 Laysan Albatross
- 65 Laysan Albatross
- 66 Laysan Albatross
- 67 Laysan Albatross
- 68 Laysan Albatross

Image guide enlarged

This mural made up of 10" x 10" images of 68 indigenous Hawaiian bird species. Here visitors are able to see all in one place the remarkable variety of species in our islands and the biological diversity that the Center works to protect.

ZONE 5

Look Up and Listen



Hammock chairs

Look up and listen is an audio experience on the West Lawn. Visitors will find comfortable hammock chairs where they can relax and observe the sky as they listen to calls of native birds played on speakers mounted to the outside of the education pavilion.

ZONE 5

Water Tank Mural

This mural is a commission designed to wrap around the water tank on the west lawn. The mural illustrates the natural ecosystems in Hawai'i from the mountain to the sea, with representative birds from each habitat.

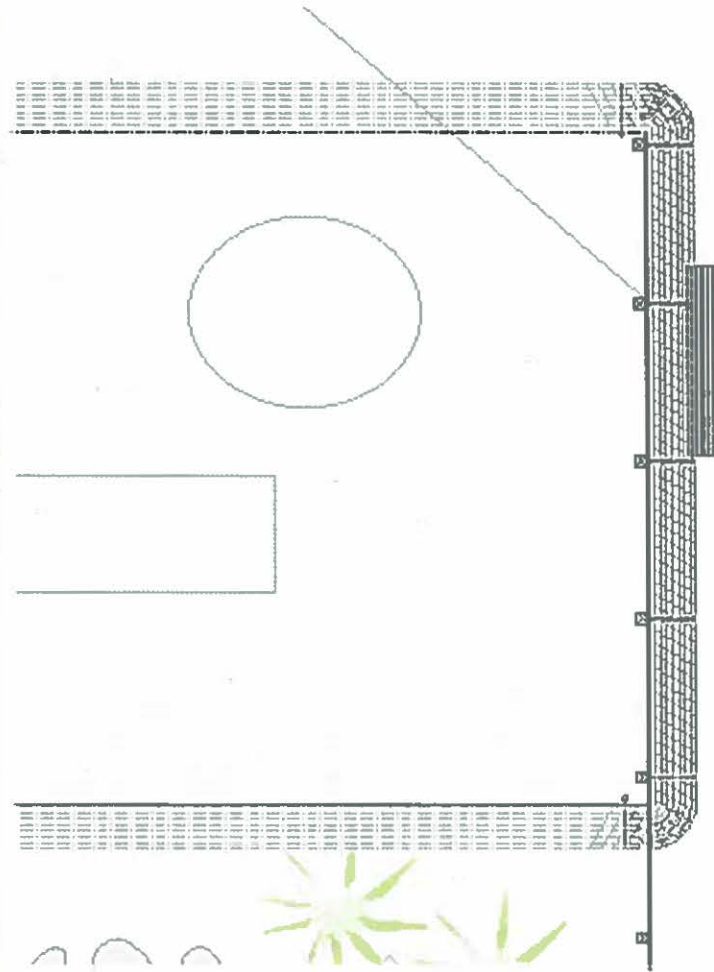
The goal is to encourage visitors to see how many birds they can spot while learning to make the connection between birds and their habitats.



Mural rendering

ZONE 6

Recovery Yard/ Nēnē Exhibit

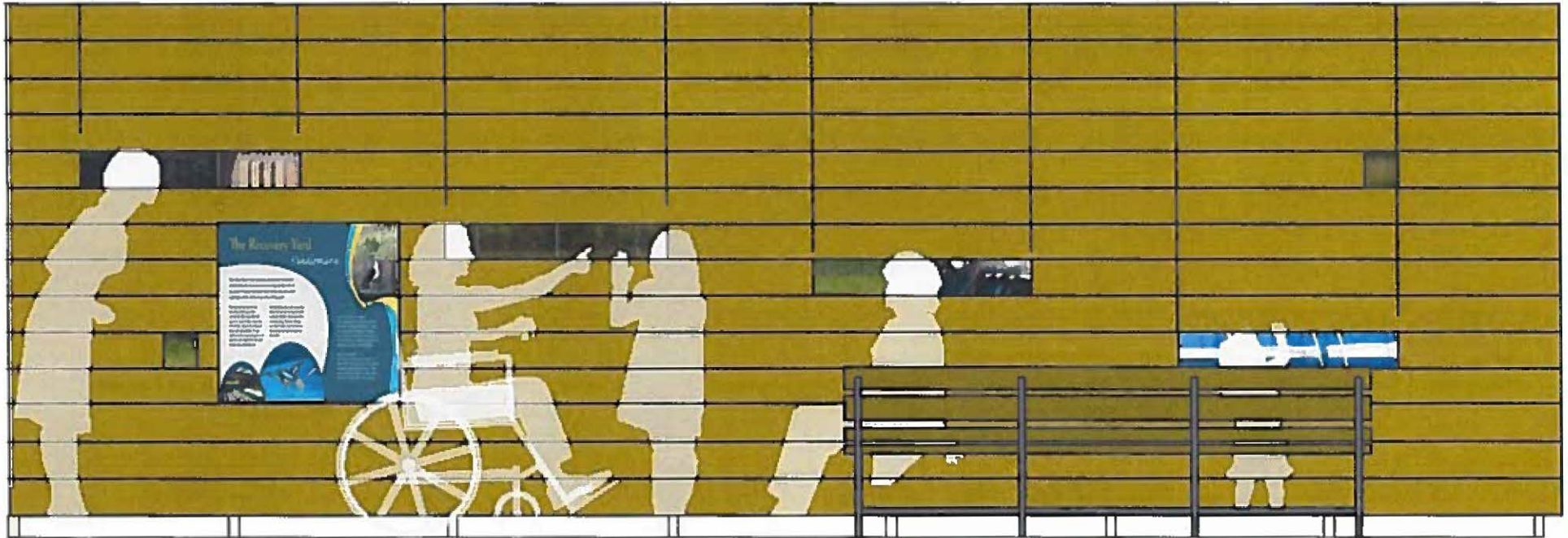


6 1 NĒNĒ BIRD BLIND

ADD GRAVEL PATHWAYS & PADS

ZONE 6

Recovery Yard/Nēnē Viewing Blind

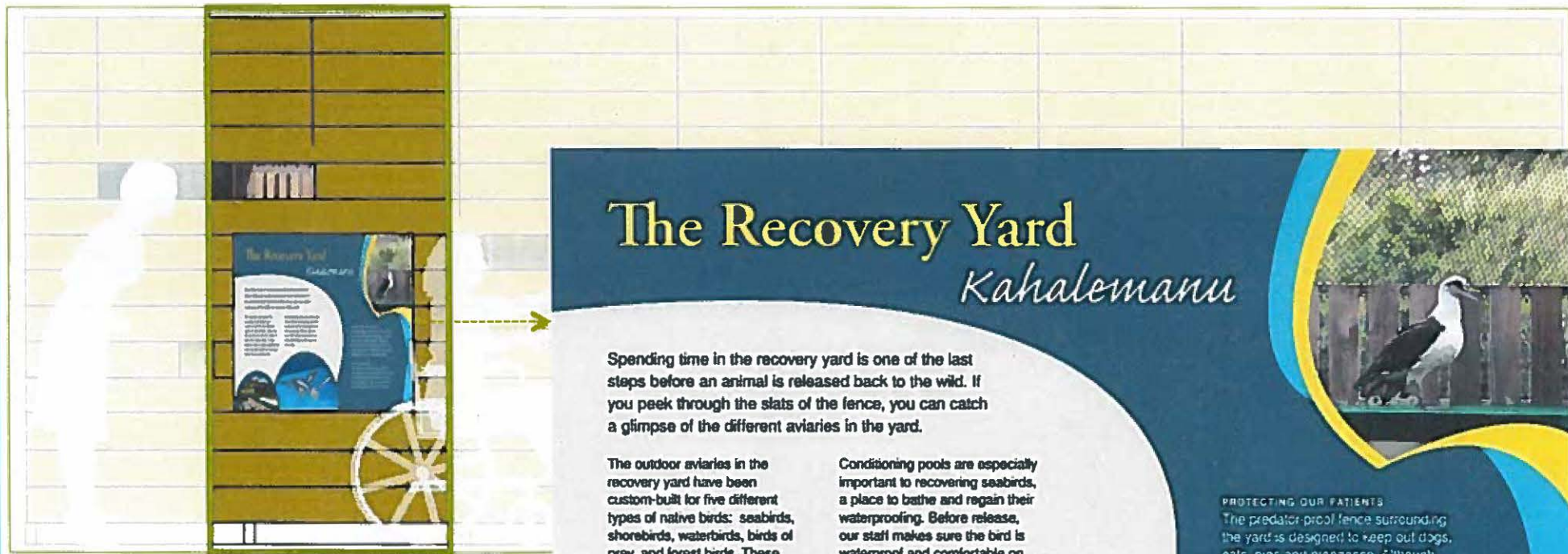


The viewing blind will allow visitors to take a look into the recovery yard and see the aviaries that house the Center's wildlife patients. It will also serve as blind for a possible future educational Nēnē exhibit as well. The goal is to provide good viewing without disturbing the birds.

ZONE 6

Recovery Yard/Nēnē Viewing Blind

Recovery Yard Graphic Panel



The Recovery Yard *Kahalemanu*

Spending time in the recovery yard is one of the last steps before an animal is released back to the wild. If you peek through the slats of the fence, you can catch a glimpse of the different aviaries in the yard.

The outdoor aviaries in the recovery yard have been custom-built for five different types of native birds: seabirds, shorebirds, waterbirds, birds of prey, and forest birds. These aviaries allow recovering birds to exercise and build their strength before they are released.

Conditioning pools are especially important to recovering seabirds, a place to bathe and regain their waterproofing. Before release, our staff makes sure the bird is waterproof and comfortable on the water.

PROTECTING OUR PATIENTS

The predator-proof fence surrounding the yard is designed to keep out dogs, cats, pigs and mongoose. Although the aviaries in the yard are secure, the fence provides an additional measure of protection for our recovering birds.

WHY SO PRIVATE?

Our birds are wild and our goal is to keep them that way, so we work hard to minimize exposure to humans. That's why we ask our visitors to stay behind the fence, where they can't see you.

This graphic explains the importance of the recovery yard, including the specialized aviaries and conditioning pools.



ZONE 6

Recovery Yard/Nēnē Viewing Blind

Future Nēnē Exhibit



The Center hopes to create a future exhibit with non-releaseable Nēnē to give visitors the opportunity for viewing live native birds. Other species may be added to this exhibit as well.



HO'OPŪLAMA BUDGET SUMMARY
HO'OPŪLAMA IMPLEMENTATION

EXHIBITS	
Welcome sign and bench	\$5,000
Ho'opūlama graphics	\$5,000
Who's in house today	\$3,000
At the Center video	\$30,000
What we feed our patients	\$15,000
Education pavilion privacy enclosures	\$15,000
Our patients activity cart	\$60,000
Bird discovery cart	\$15,000
Native/non-native activity	\$18,000
Bird tracks feet models	\$2,000
Nēnē sculpture	\$20,000
Bird track pathway	\$2,000
Albatross sculpture	\$11,000
Family trees: honeycreepers	\$12,000
'Aumakua	\$20,000
Indigenous species mural	\$12,000
Native habitat graphics	\$3,000
Identifying bird sounds	\$5,000
Native bird sculptures	\$50,000
Education pavilion display	\$2,000
Water tank mural	\$25,000
Look up and listen	\$5,000
Nēnē viewing blind	\$5,000
Nēnē observation pen	\$50,000
Excise tax at 4%	\$15,600
Administrative costs at 15%	\$60,840.00
Contingency	\$33,560.00
IMPLEMENTATION TOTAL	\$500,000

Comments
<p>If implementation ends under-budget, any remaining funds will be allocated to the Ho'opūlama Reserve, to help support the new resource while HWC staff continues work on developing long-term revenue sources for the Center.</p>