Chairperson and Members
Hawaii Community Development Authority
State of Hawaii
Honolulu, Hawaii

HCDA Board Members:

**SUBJECT:** Shall the Authority Adopt the Kakaako Makai Parks Active Use Master Plan and Direct the Executive Director to Amend the Makai Area Plan and Rules to Incorporate the Active Use Master Plan?

**SUMMARY:**

The Authority is being asked to adopt the Kakaako Makai Parks Active Use Master Plan and amend the Makai Area Plan so that the Active Use Master Plan can be incorporated into the Makai Area Plan and Rules.

**AUTHORITIES:**

Hawaii Revised Statutes: §§ 206E-4, 206E-5; Authority action dated January 8, 2014

**BACKGROUND:**

On January 8, 2014 the Authority authorized the Executive Director to prepare an active use master plan for Kakaako Waterfront Park, Kewalo Basin Park, and Makai Gateway Park (Kakaako Waterfront Parks) as well as prepare an environmental impact statement for the proposed active uses. Between August 2014 and June 2015 the HCDA held seven separate public meetings to engage the stakeholders and general public in preparation of the proposed active use master plan. Comments were also solicited through a web-based portal. In addition, information on the proposed active master plan was provided at an Environmental Impact Statement (EIS) preparation pre-consultation meeting on April 16, 2015. The HCDA staff and consultants also presented the proposed draft active use master plan to the Authority on June 24, 2015. The draft EIS for the proposed active use master plan was published in the Environmental Notice on May 8, 2016. Comments from various individuals, governmental agencies, as well as the Kakaako Makai Community Planning Advisor Council were received on the draft EIS. A final EIS was published on September 8, 2016. The Governor’s acceptance of the final EIS (FEIS) was published on December 8, 2016. The 60 day deadline to request a judicial proceeding against acceptance of the final EIS was on February 6, 2017. No request for
judicial proceeding was received by the filing deadline. An electronic copy of the final EIS was provided to the Authority in September 2016. The final EIS is also available on the Office of Environmental Quality Control’s website.

ANALYSIS:

In May 2011 the Authority adopted the Kakaako Makai Conceptual Master Plan (Conceptual Master Plan). The Conceptual Master Plan is available on the HCDA website. The vision statement in the Conceptual Master Plan provides that “Kakaako Makai is the community’s gathering place. A safe place that welcomes all people, from keiki to kupuna, with enriching cultural, recreational and educational public uses. A special place that continues the shoreline lei of green with scenic beauty, connects panoramic vistas mauka to makai, and encourages ecological integrity of land, air and sea. Kakaako Makai honors, celebrates and preserves its historic sense of place, Hawaiian cultural values and our unique island lifestyle for present families and future generations.” The Conceptual Master Plan establishes 14 guiding principles that underpin the future of Kakaako Makai. The proposed Kakaako Makai Parks Active Use Master Plan (Active Use Master Plan) strives to respond to the rapidly changing Kakaako neighborhood, while considering the robust community input over five years that produced the 2011 Conceptual Master Plan vision and guiding principles. The need for an active use master plan focused on improvements and promoting active uses in the Kakaako Makai Parks is necessary and timely to address a number of interrelated events and conditions; which are as follows:

- Recognition that the Guiding Principles developed by the community in the 2011 Conceptual Master Plan are strong organizing foundations for creating gathering places that are both lively and sustainable.
- Transfer of revenue-generating lands adjacent to the Kakaako Makai Parks from HCDA to the Office of Hawaiian Affairs (OHA) in 2012. The revenue stream from parking receipts and leases on those lands had, in part, paid for park upkeep and renovations.
- Consideration of available park development alternatives based on the public’s outdoor recreation needs; public health, safety and welfare; cost; infrastructure availability; and environmental impacts.
- On-going development of residential projects in Kakaako Makai area and the need for quality public space for residents.
- Acknowledgement that the growing transient population within the Parks is a deterrent for recreational park users.

The purpose of the Active Use Master Plan is to provide park facilities that serve to be sustainable, family-friendly, of active use, and a gathering place within the Kakaako Makai Parks. Specific objectives include:

- Incorporate the Guiding Principles of the 2011 Conceptual Master Plan.
- Activate the park with family-friendly outdoor recreational activities that draw people to the park without fear for personal safety.
- Create spaces that encourage lively uses and quality outdoor experiences that are found in some of the best urban parks.
• Plan for uses that sustain themselves financially and provide revenues to support park operations and maintenance without compromising the community’s access to recreational space.
• Propose a phased approach to development of the Active Use Master Plan elements that is logical with respect to current needs; cost; public health, safety, and welfare; infrastructure availability; and environmental impacts.

Elements of the proposed park improvements included in the Active Use Master Plan are:

• Great Lawn with Gateway Features (Gateway Park into Waterfront Park)
• Plaza and water feature (Waterfront Park as an element of the Great Lawn)
• Flexible and open community space (Gateway Park and Waterfront Park)
• Lei of Green connections (Waterfront Park-west to Keawe Street; Kewalo Basin Park-east to Ala Moana Regional Park)
• Sports complex (Waterfront Park at former “Look Lab” site)
• Keiki zone (Waterfront Park, near Children’s Discovery Center)
• Adventure zone (Waterfront Park)
• Beach hale (Waterfront Park, near Point Panic)
• Food concessions (Waterfront Park at Adventure Zone and Sports Complex)
• Biergarten (Waterfront Park)
• Community center (Waterfront Park)
• Re-locate amphitheater (Waterfront Park)
• Re-locate and Re-configure parking (Waterfront Park)
• Comfort stations (Waterfront Park and Kewalo Basin Park)

A copy of the proposed draft Makai Area Parks Active Use Master Plan is provided as Exhibit-A and a summary is provided as Exhibit-B.

The Active Use Master Plan includes a proposed phasing for the park improvements. If the Authority approves the proposed Active Use Master Plan, the next step would be to amend the Makai Area Plan and Rules to incorporate the Active Use Master Plan. Makai Area Plan and Rules amendment would include substantial public engagement and feedback from the public and stakeholders. Further planning, design, and construction of each proposed park improvements will go through substantial stakeholder and community consultation process. Some of the proposed improvements may also require additional Environmental Assessments and identified in the FSEIS.
**RECOMMENDATION:**

HCDA staff recommends that the Authority Adopt the Kakaako Makai Park Active Use Master Plan and direct the Executive Director to amend the Makai Area Plan and Rules to incorporate the Active Use Master Plan.

Respectfully submitted,

________________________________________
Deepak Neupane, P.E., AIA
Director of Planning & Development

**APPROVED FOR SUBMITTAL:**

______________________________
Jesse K. Souki, Executive Director
Hawaii Community Development Authority

Enclosures:

Encl. 1 — Exhibit A-Kakaako Makai Parks Active Use Master Plan-Proposed Draft
Encl. 2 — Exhibit B-Kakaako Makai Parks Active Use Master Plan-Summary
KAKAAKO MAKAI AREA PARKS
ACTIVE USE MASTER PLAN

DRAFT FINAL
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Introduction

Kakaako Waterfront Park, Kakaako Gateway Park, and Kewalo Basin Park, (collectively referred to as the “Kakaako Makai Parks” or the “Parks” in this report) are located in the Kakaako Community Development District (KCDD) of Honolulu on the island of Oahu. The Parks total approximately 53 acres and comprise about 90 percent of the public park open space within the KCDD.

This report sets forth the Kakaako Makai Parks Active Use Master (Master Plan), a master plan for the Kakaako Makai Parks.

Purpose & Objectives

The primary purpose of the Master Plan is to provide park facilities that serve as the backdrop for sustainable, family-friendly, active uses and gathering places within the Kakaako Makai Parks. Specific objectives include:

- Activate the park with family-friendly outdoor recreational activities that draw people to the park without fear for personal safety.
- Create spaces that encourage lively uses and quality outdoor experiences that are akin to the world’s best urban parks.
- Plan for uses that sustain themselves financially and provide revenues to support park operations and maintenance without compromising access to recreational space.
- Propose a phased approach to development of the Master Plan elements that is logical with respect to current needs; cost; public health, safety, and welfare; infrastructure availability; environmental impacts; and, population growth.

Need

The need for a master plan that is focused on improvements that promote active uses in the Kakaako Makai Parks is driven by a number of interrelated events and conditions:

- Recognition that the Guiding Principles developed with community support in the 2011 Conceptual Plan are strong organizing foundations for creating gathering places that are both lively and sustainable.
- Transfer of revenue-generating lands adjacent to the Kakaako Makai Parks from HCDA to the Office of Hawaiian Affairs (OHA) in 2012. The revenue stream from parking receipts and leases on those lands had, in part, paid for park upkeep and renovations.
- Consideration of available park development alternatives based on the public’s outdoor recreation needs; public health, safety and welfare; cost; infrastructure availability; environmental impacts; and, population growth.
- On-going development of high density residential housing in the Kakaako District and the need for public park space and the quality of public space for future residents.
- Acknowledgement that the growing transient population within the Parks is a deterrent for recreational park users.
Background

History

Oahu’s original southern coastline in the vicinity of the Kakaako Makai Parks likely ran along the existing Ala Moana Boulevard. The Kakaako Makai district was at or below sea level, but a seawall was constructed between 1913 and 1927 near the current shoreline. Artificial fill material, including ash from burned municipal refuse, unburned refuse, and automobile batteries, was deposited behind the seawall. Two incinerators, one built in the 1927 and the other in the 1945, contributed ash to the fill seaward of Ahui Street until deposition of ash was banned by the City and County of Honolulu in 1971 (The Limtiaco Consulting Group and EnviroServices & Training Center, LLC, 2009). The fill process resulted in the existence of the land upon which the Kakaako Waterfront Park and Gateway Parks are now located. However, the substrate below Kewalo Basin Park was likely created from material dredged from Kewalo Harbor in the 1920s and 1940s. In 1955, workers placed dredged material along the makai side of the Harbor to form the eight-acre land section protected by a revetment, a portion of which is now Kewalo Basin Park (Young P.T., 2013). See Figure 5. Historic Park Photos.

On the Kakaako Peninsula, bordered by the Kewalo Basin and Honolulu Harbor, general leases and revocable permits were issued by the Department of Land and Natural Resources, Department of Transportation, Department of Business, Economic Development & Tourism (Hawaii Community Development Authority, 2005). The Makai Area has been used for maritime and industrial purposes, including maritime break-bulk, limited container cargo operations, ship maintenance, cruise ship facilities, and the Foreign Trade Zone warehouse and offices. Commercial use by car dealerships, recreational use at waterfront parks, research use by the Pacific Biosciences Research Center, and public use for the City and County of Honolulu, State of Hawaii Department of Health, and Ala Moana Wastewater Pump Station have occurred in the Makai Area.

In 1992, the HCDA converted approximately 39 acres of former landfill waste into Kakaako Waterfront Park. In later years, the HCDA also constructed the Makai Gateway Park and the Mauka Gateway Park totaling about 7.8 acres, and the nearly 5.8 acre Kewalo Basin Park.

In the years between 2007 and 2011, the HCDA commissioned a community-based master planning process for Kakaako Makai. That process included preparation of an overall vision, program, alternatives, and a preferred conceptual master plan supported by 20 guiding principles.

In 2012, approximately 30 acres of revenue-generating lands adjacent to the Kakaako Makai Parks were transferred from HCDA to the Office of Hawaiian Affairs (OHA). The land transfer was unanticipated by the 2011 Conceptual Plan and it affects the parks in two ways. First, land uses anticipated in the 2011 Conceptual Plan may now be subject to a new planning process initiated by OHA. Second, loss of the revenue stream from parking receipts and leases on those
lands that had, in part, paid for park upkeep and renovations. While in transition, the neighborhood has also experienced an influx of homeless individuals and families.

The current effort endeavors to respond to the rapidly changing Kakaako neighborhood, while upholding those principles set forth in the 2011 Conceptual Master Plan.

Existing Development & Uses
Kakaako Waterfront Park encompasses approximately 39 acres and three parcels. Kakaako Gateway Park encompasses approximately 7.8 acres and six parcels. Kewalo Basin Park encompasses an approximately 5.8 acre portion of a larger single parcel. See Table 1 Park TMKs. All of the Kakaako Makai Parks parcels are owned by the Hawaii Community Development Authority (HCDA), an agency of the State of Hawaii.

The Kakaako Makai Parks are all currently used as passive parks, which are defined as parks that are generally not actively managed or programmed and require few or no permanent facilities or recreational equipment. Examples of passive recreation include biking, picnicking, jogging, and nature enjoyment.

Kakaako Waterfront Park is defined by its man-made topography – most notably large, grassed mounds that overlook the Pacific Ocean. The mounds are man-made caps to a former landfill that rise from 15 feet above mean sea level (MSL) to 45 feet above MSL at their peaks. Atop the prominent east mound is a memorial to the Ehime Maru incident while an amphitheater is situated at its mauka base.

The Waterfront Park has a network of trails that wind around the mounds and lead to a wide oceanfront promenade surfaced with decorative pavers situated atop a revetment that extends the length of the park’s shoreline. Along the promenade are two pergolas planted with hau (Hibiscus tiliaceus) to provide shade over picnic tables.

Walking along the promenade and fishing from the revetment makai of the promenade are popular activities for park visitors. Support facilities include a 286-space asphalt parking lot located at the main vehicle entry to the park, an approximately 49 space gravel/asphalt parking lot near Point Panic, two showers, and two comfort stations. Also within the vicinity of the park, there are parking lots with 45 spaces and 41 spaces, respectively north and east of the Children’s Discover Center; resulting in a total of 421 existing spaces.

Uses within the Waterfront Park are generally not actively programmed; recreational activities are either spontaneous or organized by community members and approved by permit. The large, grassed mounds are often used for sliding. The taking of wedding photographs along the shoreline (especially near sunset time) is also a popular activity within the park. The amphitheater is used for concerts and music festivals at the rate of approximately one event per month. Point Panic, a popular surf break is located off the east side of the Waterfront Park. A
grassed, flat area situated in the west side of the park between Point Panic and the adjacent children’s museum provides an area for field sports or games, but is not actively used.

Kakaako Gateway Park consists of two open, flat grass fields situated between Ala Moana Boulevard and Kakaako Waterfront Park. The fields are bound by Cooke Street to the west (Ewa) and Ohe Street to the east (Diamond Head). The fields are bisected by Ilalo Street. The most consistent users of the parks are the homeless people, with transient encampments around the edges of the Parks. However, the more makai field is also often used for field sports and picnicking. On-street parking spaces are located on Cooke and Ohe Streets adjacent to the Gateway parks.

Kewalo Basin Park is a small park that runs along a revetment makai of Kewalo Basin Harbor, which is a commercial small boat harbor under the jurisdiction and ownership of HCDA and managed by a private entity (Kewalo Harbor, LLC) with a lease from HCDA. It has a walking path, a comfort station, picnic tables, and a small green area at the Diamond Head end with a statue of Saint Marianne Cope, who cared for people with Hansen’s disease on Molokai during the late 1800’s. A former net shed building is located at the west side of the park which HCDA leases to Kupu, a non-profit community organization that provides environmental stewardship service-learning opportunities to youth. It is served by a 109 space parking lot. Surfers are the primary users of Kewalo Basin Park. They access a number of popular surf breaks just off shore of the Park and hold surf contests during the summer when the waves are larger.

Table 1 Park TMKs

<table>
<thead>
<tr>
<th>Park</th>
<th>Park Area (Acres)</th>
<th>TMK(s)</th>
</tr>
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<td>39 acres</td>
<td>(1) 2-1-060:008</td>
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<td></td>
<td></td>
<td>(1) 2-1-060:029 (por.)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(1) 2-1-060:030 (por.)</td>
</tr>
<tr>
<td>Kakaako Gateway Park</td>
<td>7.8 acres</td>
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<td>(1) 2-1-060:030 (por.)</td>
</tr>
<tr>
<td>Kewalo Basin Park</td>
<td>5.8 acres</td>
<td>(1) 2-1-058:131 (por.)</td>
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Plan Inputs

Public Engagement
Understanding public preferences for outdoor recreation facilities is an important step in the master planning process. To that end, several opportunities for public engagement were provided to help inform the Master Plan. The primary means for public engagement were though public meetings and through an on-line public engagement platform.

Between August 2014 and June, 2015, public input was solicited on the Master Plan on-line and in a series of public meetings. Based on the public’s contributions, the Master Plan includes invaluable insights for active uses in the Parks. Appendix A, Report and Findings on the Public Participation Process, contains a detailed re-cap of the public participation process and results.

Table 2 Public Meetings for the Planning Process

<table>
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<tr>
<th>Meeting</th>
<th>Date</th>
<th>Location</th>
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<tr>
<td>Public Open House Series 1</td>
<td>August 28, 2014 and September 6, 2014</td>
<td>HCDA Office 461 Cooke Street Honolulu, HI</td>
</tr>
<tr>
<td>Public Open House Series 2</td>
<td>October 30, 2014 and November 8, 2014</td>
<td>HCDA Office 461 Cooke Street Honolulu, HI</td>
</tr>
<tr>
<td>Parks Peek Event</td>
<td>December 6, 2014</td>
<td>Kakaako Makai Gateway Park 461 Cooke Street Honolulu, HI</td>
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<tr>
<td>Environmental Impact Statement (EIS) Kick Off Meeting</td>
<td>April 16, 2015</td>
<td>HCDA Office 547 Queen Street Honolulu, HI</td>
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<tr>
<td>Public Open House Series 3</td>
<td>June 4, 2015 and June 13, 2015</td>
<td>HCDA Office 547 Queen Street Honolulu, HI</td>
</tr>
<tr>
<td>HCDA Board Meeting</td>
<td>June 24, 2015</td>
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</tbody>
</table>

2011 Kakaako Makai Conceptual Master Plan
Considerable community effort was expended in developing the 2011 Conceptual Plan. While circumstances have changed since 2011, the vision statement and guiding principles in the 2011 Conceptual Plan provide a valuable framework for considering the uses and layout of the Makai Parks Active Use Master Plan.
Existing Conditions Analysis
A wide variety of resources were consulted during the planning process. The following is a series of maps and figures that were developed for the planning team, stakeholders, and general public to help frame the context in which the parks are being planned.
KAKAO MAKAI AREA

TOTAL ANNUAL MAINTENANCE COST: $1 MILLION

Source: HCDA Kako Makai Common Area Fiscal Year 2015 Budget

HISTORY 11 INFRASTRUCTURE COSTS
Park Planning Analysis

Trends
As Kakaako redevelops, the HCDA must adapt the use of its parks to changing conditions. Population in the KCDD is projected to increase from approximately 10,673 people in 2010 to 46,181 people, by 2035 (Kakaako Community Development District, TOD Overlay Plan, Final Environmental Impact Statement, 2015). Park improvements are anticipated to address the need for quality park, open space, and recreational facilities for a growing population. Neither HCDA, nor the City and County of Honolulu Department of Parks and Recreation currently plan to construct additional parks in or near the KCDD (Hawaii Community Development Authority, 2015). Further, the limited availability of land in the KCDD will not allow for a new regional park to be built. Considering these trends, HCDA has to leverage available and existing green spaces. HCDA must focus not only on passive park space but also must provide quality public space experiences by offering active uses within the Parks.

Park Transformations
The ease of ocean access and sweeping makai views from the Parks make it easy to forget that the Kakaako Makai Parks are in an urban setting surrounded by businesses, existing facilities, and existing and proposed residential development. The planning team looked to examples of other urban parks that have gone through successful recent active use transformations for inspiration. Elements of these other parks were considered through the lens of applicability to Hawaii’s climate and culture.

Bryant Park, New York City – Is a six-acre park next to the New York Public Library and surrounded by skyscrapers. While crime, drugs, and violence were prevalent in the 1970s, today Bryant Park is a dramatic example of what can be achieved through renovation and repositioning (Gavin, 2000). The combined efforts of the Bryant Park Corporation (BPC), a not-for-profit, private management company and cooperative business improvement district of neighboring merchants and property owners, funded a four-year renovation. Construction of a café, restaurant, and kiosks generated revenues and activated the park. Through a management agreement BPC provides needed sanitation, security, restroom, and landscaping services. Programing for interests ranging from art, birding, fitness, performing arts, and seasonal festivals and events have made Bryant Park a year-round destination and safe haven for the surrounding community.

Paseo Del Rio Riverwalk, San Antonio – Is three-mile trail of waterfront park, considered a green artery, lined with individual businesses, restaurants, hotels, and attractions along a downtown section of the San Antonio River. In 1921 flooding of the river resulted in 51 fatalities, causing engineers to propose paving the area. Outraged, the public demanded the area be transformed into a public park later made possible through a cost-sharing agreement between the city and the Works Progress Administration. While Riverwalk’s design provides much needed flood control, it also serves as San Antonio’s second most important tourist destination.
(second to the Alamo) with 9.3 million visitors in 2014 and investments of $2.4 billion annually that support 31,000 jobs (Nivin, 2014). With 22 restaurants, 12 hotels and various commercial enterprises, Riverwalk is a center for food, entertainment, and nature and a critical part of the local economy.

**Millennium Park, Chicago** – Is a 24-acre northwest section of Grant Park, located in the Chicago central business district and established in 2004. Built on former desolate lands used for rail transportation, plans for a modest park evolved to a massive public-private collaboration where the surrounding private sector contributed $173.5 million of the total $475 million for the park (Chicago Public Library, 2015). A centerpiece of the waterfront park is the Jay Pritzker Pavilion that hosts a range of music series and annual performances, including rock, classical, and opera singers; movie screenings, as well as recreation activities like yoga. The Pavilion has an 11,000-person capacity with options of great lawn and fixed-seating. The Millennium Park has been recognized for its accessible design and includes an ice rink and theater built below ground, as well as landscaped pedestrian promenades and an iconic monument, the Cloud Gate commonly known as "the Bean." An international garden design competition contributed to the establishment of a five-acre garden that honors the City’s transformation from a flat marshland to an innovative green city (Lurie Garden, 2015). Bridge-ways including the 925 foot long, foot bridge connects Millennium Park to Maggie Daley Park and the Nicholas Bridgeway connects the park to the Art Institute. Despite negative publicity during construction, today the park is a recognized center for world-class art, music, architecture, and landscape design (DK Eyewitness, 2004).

**Crissy Field Park, San Francisco** – Is a 28-acre, waterfront park on a former military air field, near Golden Gate Bridge. Through community-led effort, more than $34.4 million was raised to transform roads, buildings, and eroded beachfront into a grassy field park with 20 acres of tidal marsh, 22 acres of visitor amenities, and 30 acres of promenade and beach areas. The removal of 86,000 tons of contaminated soil allowed for restoration of ecological processes, providing habitat for flora and fauna, as well as picnic grounds, benches, restrooms, out-door showers, overlooks, boardwalks, and bike lanes for thousands of residents and visitors. One of the primary successes of Crissy Park was mobilizing the community to support on-going public education about wetlands and coastal systems (National Park Service, 2015).

**Park Attractions**

There are many demands on Honolulu residents’ time and many competing venues for leisure-time activities. Parks must compete with alternative venues for exercise and entertainment. Based on public meeting responses, many people do not visit Kakaako Makai Parks, partly out of fear for their personal safety. Absent of a beach or other attraction, coupled with poor sight lines and long distances from parking, vast areas of the Kakaako Waterfront and Gateway parks go unused. Based on observations of current use, provision of green space alone is insufficient to attract people or groups to a park on a continued, regular basis. A balance is therefore sought
within the Master Plan between providing open, green space and activities such as exercise, entertainment, and food.

**Exercise**
Kakaako Makai Parks can provide key exercise opportunities that complement the many available fitness centers and condominium gyms and pools. The Parks also offer a free exercise venue for those Oahu residents that cannot afford homes with yards, gyms or pools and may not have the means for membership to a fitness center. The Centers for Disease Control and Prevention has examined the connection between parks, trails, and health, concluding that walkable access to parks increases the likelihood and frequency of physical activity (Centers for Disease Control and Prevention, 2013). Meanwhile, Hawaii’s State Comprehensive Outdoor Recreation Plan sets forth a goal to, “encourage physical fitness and healthy people through outdoor recreation”, by treating outdoor recreation activities and areas as an essential tool in increasing physical fitness (State of Hawaii Department of Land and Natural Resources, 2015). Continuing the Lei of Green is simply the easiest, most impactful improvement that can be implemented to encourage access to the Park. Increased open green space and addition of new recreation facilities like the Keiki Zone, Adventure Zone, and Sports Complex promote increased levels of physical activity. Inclusion of hillside slides is considered essential to celebrate a favorite Waterfront Park pastime. Figure 12 includes imagery of innovative play areas and structures that served as inspiration for the Keiki Zone, Adventure Zone, and interactive water feature.

**Food**
People are attracted to food and Hawaii residents enjoy outdoor eating facilities and establishments. Planning for food vendors within the Parks is therefore included within the Active Use Master Plan. A food and drink concept that is seeing a resurgence in American parks is the biergarten. A biergarten (derived from the German word for beer garden) is an open air space where beer and food are served, the concept originated as Bavarian breweries planted gardens above cellars to maintain cool conditions for the beer to ferment underground, these spaces were then used for communal gatherings (Brew York, 2012). To consider the viability of a biergarten at the Parks, Colliers International prepared a feasibility study, which is included in Appendix B.

Examples of active biergartens in parks are listed in the following table, and photos of park-based food and beverage facilities are included in Figure 12, Active Use Examples.
The presence of mobile food trucks at Hawaii parks and other outdoor settings has grown in popularity. In addition to providing alternatives to traditional restaurants, food trucks help meet daily food and beverage needs for customers that work, reside, or visit a given area. The diversity of offerings by food trucks and their use of social media to publicize menus and locations help generate interest and loyal patronage. The Kakaako Waterfront Park with its accessible and inviting landscape, has served as a site for food-themed events showcasing multiple food truck vendors and activating the park. Stakeholders have expressed a preference for the inclusion of food trucks as part of the Active Use Master Plan, instead of an established kitchen facility. As described in the Food Truck Demand Analysis included in Appendix B, there is interest in development of a 10,000 square feet truck food court at the Kakaako Waterfront Park. A truck food court can offer multiple dining options for park users within a minimal footprint, while providing opportunities for local businesses.

Entertainment
Aside from enjoying outdoor eating, Hawaii residents and visitors alike enjoy live-music, theatrical performances, as well as hula and other cultural showcases. Many local forms of entertainment utilize the favorable climate of our islands to hold music concerts and screen movies in outdoor venues, inclusive of our parks, outdoor lawns, and amphitheaters. This type of entertainment activates outdoor spaces and encourages communities to come together.

Entertainment in the form of theater, dance, art-exhibits, craft-making, evening movies, or sunrise exercises create excitement that can transform a park into a neighborhood’s leading attraction (Harnik, 2010). Parks continue to be an ideal site to support such outdoor entertainment given the existing facilities, open space, and available parking. Enhancing opportunities for entertainment is an element of the Active Use Master Plan. Most notably modifying the existing Kakaako Waterfront Park’s amphitheater, as it is underutilized and not actively marketed to event and concert promoters for rent (Colliers International, 2015). While the existing amphitheater has a capacity of 10,000, additional investment can add reserved
seating, as well as upgrades for power, lighting, and mechanical systems for staging. Appendix B includes an analysis of the demand and feasibility of investing resources in an amphitheater at the Waterfront Park. Recognizing the undertaking required to develop a new amphitheater, the Environmental Impact Assessment for the Kakaako Makai Parks Active Use Facilities Master Plan (PBR HAWAII & Associates, Inc., 2016), completed by the HCDA, acknowledges that additional study will be required to pursue new amphitheater development.

Table 4 Comparable Outdoor Amphitheaters

<table>
<thead>
<tr>
<th>Amphitheater Name</th>
<th>Location</th>
<th>More Information</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rotary Amphitheater</td>
<td>Fresno, CA</td>
<td><a href="http://www.fresno.gov/Government/DepartmentDirectory/ParksandRecreation/ParksandFacilities/Regional+Parks/Ampitheater.htm">http://www.fresno.gov/Government/DepartmentDirectory/ParksandRecreation/ParksandFacilities/Regional+Parks/Ampitheater.htm</a></td>
<td>3,500</td>
</tr>
<tr>
<td>Snow Park Amphitheater</td>
<td>Park City, UT</td>
<td><a href="http://www.deervalley.com/WhatToDo/Summer/Ampitheater">http://www.deervalley.com/WhatToDo/Summer/Ampitheater</a></td>
<td>6,000</td>
</tr>
<tr>
<td>Les Schwab Amphitheater</td>
<td>Bend, OR</td>
<td><a href="http://www.bendconcerts.com/">http://www.bendconcerts.com/</a></td>
<td>8,000</td>
</tr>
<tr>
<td>Nikon at Jones Beach Theater</td>
<td>Jones Beach State Park, Wantagh, NY</td>
<td><a href="https://en.wikipedia.org/wiki/Nikon_at_Jones_Beach_Theater">https://en.wikipedia.org/wiki/Nikon_at_Jones_Beach_Theater</a></td>
<td>15,000</td>
</tr>
<tr>
<td>MidFlorida Credit Union Amphitheater</td>
<td>Tampa, FL</td>
<td><a href="http://www.fairgroundsamphitheatre.com/">http://www.fairgroundsamphitheatre.com/</a></td>
<td>20,000</td>
</tr>
<tr>
<td>Gorge Amphitheater</td>
<td>George, WA</td>
<td><a href="http://www.gorgeamphitheatre.net/">http://www.gorgeamphitheatre.net/</a></td>
<td>27,500</td>
</tr>
</tbody>
</table>

**Maintenance**

Urban parks can struggle to attract visitors if they are perceived to be unsafe or unmaintained (Harnik, 2010), and the Kakaako Makai Parks are no exception (see Figure 10, which documents some of these challenges). Cities across the country are challenged to maintain parks and their associated fixtures, playgrounds, restrooms, lawns and paved areas (Maintenance Connection, 2015). While the public realizes multiple benefits of parks that provide for exercise, enjoying the outdoors, as well as serving as a site of community events and entertainment, available funding is often limited as the result of budget cuts and competing priorities that often exacerbate park deferred maintenance.
To address park maintenance the City and County of Honolulu’s Department of Parks and Recreation’s Hoa Pāka—Adopt a Park Program encourages individual and organizational volunteers during monthly, quarterly, or annual intervals to do park cleanups, painting of picnic tables and benches, and other routine service projects (City and County of Honolulu Department of Parks and Recreation, 2016). Public-private partnerships such as these address park maintenance needs, while cultivating community involvement, beautifying community parks, and helping combat vandalism, litter, graffiti, and crime.

Other cities are using public private partnerships for parks on a larger scale. The Central Park Conservancy (CPC), established in 1980 as a not-for profit organization, has a paid management agreement to maintain more than 800 acres of park on behalf of the City of New York. Further, CPC is responsible for raising 75 percent of the Park’s $67 million annual operating budget and is responsible for all Park maintenance, as well as restoration and capital improvements (Central Park Conservancy, 2015).

The San Francisco Park Alliance (SFPA) utilizes its non-profit status to generate revenue from local businesses and corporate sponsorship to provide technical assistance that empowers local coalitions and neighborhoods to improve Department of Public Works owned properties. These investments have direct positive impacts on San Francisco parks that generate $1 billion annually in economic benefits (San Francisco Park Alliance, 2015).

Both the CPC and SFPA demonstrate how public-private partnerships led by a non-profit can focus local volunteerism, compliment work of government, and focus corporate philanthropy resources to upkeep, activate, and enhance park safety.

Parking
Per the Kakaako Makai Area Rules, off street Parking Requirements (Section 15-23-68, HAR) are differentiated by principal use. Commercial and all other use category is the primary guideline for the park space. The Eating and drinking establishments category and Auditorium/Churches or Theaters category inform off-street parking requirements for the food concessions and biergarten, as well as the amphitheater, respectively.

Table 5 Off-Street Parking Requirements

<table>
<thead>
<tr>
<th>Use</th>
<th>Parking Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Commercial and all other uses</td>
<td>1 per 400 sf of floor area</td>
</tr>
<tr>
<td>Eating and drinking establishments</td>
<td>1 per 300 sf of eating and drinking area plus 1 per 400 sf of kitchen or other area</td>
</tr>
<tr>
<td>Auditoriums</td>
<td>1 per 300 sf of assembly area or 1 per 10 fixed seats, whichever is greater</td>
</tr>
<tr>
<td>Churches or theaters</td>
<td>1 per 5 fixed seats OR 50 sf of general assembly area, whichever is greater</td>
</tr>
</tbody>
</table>

Location of parking areas are suggested to be disbursed throughout the park rather than centralized to accommodate the accessories that most picnickers carry. Research has found that
Picnickers will spread lunches on the grass rather than walk 400 feet to a table (Fogg, 1990). For optimal use, parking for surf access areas should be located no further than 500 feet, maximum (Fogg, 1990). After full-build out, the total number of parking spaces at the Kakaako Makai Parks will number approximately 500, which is predicted to be adequate given the proposed active use (Kakaako Makai Parks FEIS, 2016).

**Comfort Stations**

Comfort stations are proposed to be sited in association with proposed use areas, with convenience and safety of park users in mind. To determine the number and location of comfort stations, a few rules of thumb were used (Fogg, 1990), (County of Los Angeles Department of Parks and Recreation Planning & Development Agency, 2014). For picnic and play areas, comfort stations within 100 feet were deemed optimal, and up to 400 feet away deemed to be acceptable. For surf areas, no more than 500 feet from the surf access point was deemed acceptable. Where picnic and play areas are near surf access areas, a single comfort station was deemed acceptable. Restroom buildings are suggested in locations with high visibility and activity so that the user does not feel isolated and vulnerable when accessing the facility. Accessibility for all should also be a consideration with each comfort station having an accessible approach and an adequate number of accessible facilities (accessibility standards should be reviewed for exact numbers at the time of design drawings).

Park planning conventions for the number of comfort stations, suggest that for every picnic or surf area designed for 100 people, there should be 1 toilet, one urinal, and one sink for men and two toilets and one sink for women (Fogg, 1990). Contemporary park planning suggests that individual, lockable, unisex comfort stations offer greater security and flexibility for the park users (County of Los Angeles Department of Parks and Recreation Planning & Development Agency, 2014).

**Draft and Final Environmental Impact Assessment**

During the process of developing a draft Master Plan, a draft Environmental Impact Statement (EIS) was prepared to consider positive and potential negative effects of the Plan. The EIS included a number of technical studies including:

- Landfill Assessment
- Sound Modeling and Prediction Report
- Preliminary Engineering Report
- Traffic Assessment Report
- Market and Economic Report
- Biological Resources Survey
- Cultural Summary Report

A 45-day public comment period on the Draft EIS allowed the opportunity for agencies and other interested parties to provide feedback on the Master Plan and environmental impacts.

On November 4, 2016, the Governor officially accepted the Final EIS, thereby affirming the adequacy of the Final EIS under applicable state laws.
Active Use Master Plan

Based on the purpose, needs, and objectives detailed in the introduction of this report, an active use master plan has been prepared. The plan elements are designed to encourage active uses such as gathering, outdoor recreation, experiential learning, nature viewing, physical activity, and water sports. The plan elements also reference the guiding principles set forth in the 2011 Conceptual Plan. The Active Use Master Plan is shown in Figure 1, followed by a detailed description of the major plan elements.

Plan Elements

Great Lawn & Gateway Features
The “Great Lawn” is conceptualized to allow unimpeded visual and physical access from Ala Moana Boulevard to the ocean. It begins at the Gateway Park which is the primary entryway to the Parks complex. Gateway features that announce arrival and nodes that help draw park uses into the core of the park are proposed. The Gateway Park is proposed to be enlarged along the Cooke Street frontage south of Ilalo Street (in front of JABSOM). A revised drop-off for the medical school is proposed.

To continue the Great Lawn, the existing parking lot at Waterfront Park is proposed to be replaced with a plaza and eventually an interactive water feature in front of the Children’s Discovery Center. Displaced parking stalls (discussed later in this description) are proposed to be located west of the great lawn, along Olomehani Street, and on adjacent parcels of land outside the park for an overall gain in recreation space.

The Great Lawn continues to the ocean by re-contouring the ash mound within Waterfront Park south of the plaza and water feature to complete unimpeded visual and physical access to the ocean. The sculpture entitled “Lahui” is intended to remain in this corridor, near the ocean.

Flexible & Open Community Space
The Gateway Park’s lawn between Ala Moana Boulevard and Ilalo Street is envisioned as an open space, available for impromptu use and regularly
programmed activities. Activities could include plant and craft sales, dog shows, and pop-up sporting events. This space draws the public into the park complex, thus, it will be important to ensure lively, regularly programmed activities occur here.

**Lei of Green**
The Lei of Green is a long-running concept with strong support from the community. The objective is connectivity between public resources along the ocean. Thus, the existing promenade is proposed to be upgraded in place. Immediate expansion of the Lei of Green is proposed to extend the promenade from Kewalo Basin Park to neighboring Ala Moana Regional Park. Extension of the promenade along the west side of the park to Keawe Street and continuing to loop back to the great lawn is also proposed. Eventual connection along the shoreline to Honolulu Harbor is also envisioned.

**Sports Complex**
A sports complex, to be developed in at least two phases is proposed at the “Look Lab” site. Phase 1 is envisioned to include sand volleyball courts and bleachers. Subsequent phases may include a gymnasium.

**Keiki Zone**
Active play is encouraged within the interior of the waterfront park in close proximity to the Children’s Discovery Center and the sports complex. Artistic, unique play structures that inspire discovery and creativity are proposed at this highly visible location.

**Adventure Zone**
A popular activity that is proposed to be continued and augmented is impromptu sliding on the park’s grassy hills. The site of what is now the amphitheater is proposed to be repurposed with an adventure area featuring slides that take advantage of the site’s topography. The topography could also be used in creative development of rock climbing features or ropes courses.
Beach Hale
A beach hale and parking at Point Panic is proposed. The location has been chosen for views of the surf break and in acknowledgement of the site as an existing gathering place for the strong community of watersport enthusiasts that utilize this place.

Food Concessions & Biergarten
Easy to access food concession is proposed across the parking area from the great lawn extension. At the top of one of the mounds, a biergarten with panoramic views of Leahi (Diamond Head), the Waikiki skyline, surf breaks, and the sunset is proposed. Additional food concessions may also be desirable at the sports complex. It is anticipated that the concessionaires would be operated by third party vendors. The park venue is envisioned as a satellite, open-air “tap-room” for any one of Hawaii’s growing craft brewers, or craft beverage purveyors. Market analysis indicates that a biergarten between 2,000 and 3,000 square feet in size could be supported by the growing Kakaako neighborhood. It is highly encouraged that the biergarten vendor be subject to a rigorous selection process where high quality customer experience is strongly emphasized. The biergarten is proposed near the existing memorial for the Ehime Maru, which is proposed to remain. Design considerations will be required to create a respectful relationship between the biergarten and the memorial.

Further, market analysis has identified interest in development of food concessions in the form of a truck food court with a pad site of approximately 10,000 square feet at the Kakaako Waterfront Park. In addition to providing park users a number of daily food and beverage options, the truck food court could promote a family and community friendly atmosphere as special events are held at the amphitheater and proposed sports complex.

Community Center
A flexible-space community center is suggested at Olomehani Street, flanked by the great lawn and keiki zone. The community center is envisioned to be an open, adaptive space that can be used for a variety of purposes, including cultural public market, community education, and auxiliary covered space to adjacent outdoor uses for special events. The community center is
envisioned to have a food preparation space (non-commercial) that would include double sinks with a grease trap, counter space and electrical outlets for plugging in cooking appliances.

**Amphitheater**

The existing amphitheater currently serves as a performance venue. However, based on user feedback, HCDA staff has identified some shortfalls with the facility, including its size and a lack of permanent stage infrastructure. A larger (5,000-7,000 person capacity), more permanent facility is therefore proposed on the waterfront. The facility is envisioned to be of a size comparable to the Waikiki Shell. The placement of the amphitheater is proposed to take advantage of the existing topography, with lawn seating facing the stage with panoramic views of Leahi, and the ocean as its backdrop. The amphitheater is proposed to be moved from the mauka side of the mounds to the ocean (makai) side of the mounds. The stage is proposed to be oriented along the ocean and facing toward the mound and the city beyond. A sound assessment and model has been prepared by Censeo AV+Acoustics LLC (Censeo) to gain an understanding of the potential impacts of moving and re-orienting the amphitheater. An existing memorial that honors the victims of drunk driving is proposed to remain in the ewa/makai area of the park.

**Parking**

Currently, the parks are served by on- and off-street parking. Off-street parking spaces number approximately 421 in Waterfront Park and 109 in Kewalo Basin Park for a total of approximately 530 spaces. An additional 70-97 parking spaces are located on Cooke and Ohe Streets adjacent to the Gateway parks and approaching Point Panic.

Parking is proposed to be decentralized to improve the park arrival experience, and to allow easier access to a variety of locations within the park, see Table 6. The central parking lot at the Waterfront Park will be reduced to allow development of a continuous park experience from the Gateway Parks to the ocean. Although a reconfigured Ewa parking lot will have 129 parking spaces, additional parking is proposed to be added near Point Panic, resulting in a reconfigured Diamond Head parking lot with 239 spaces.

Parking at Kewalo Basin Park is not proposed to change in number, although the existing parking lot may need some reconfiguration when park community uses are developed.

In total the proposed reconfigured Parks parking lots results a total of approximately 563 spaces, compared to the existing total of 530 off-street spaces.

The Master Plan also anticipates that between 100-150 parking spaces will be available in a new structure in the Kakaako Makai area at the new development on Lot C. This will replace parking stalls lost with the reduction of the central lot, and augment it when needed for special events. After full-build out, the number of parking spaces will number approximately 500. If, in the future, the sports complex develops to include a gymnasium that can accommodate large tournaments, a parking structure that could accommodate an additional 500 vehicles could be added in the Point Panic area.
Table 6 Proposed Parking

<table>
<thead>
<tr>
<th>Location</th>
<th>Existing Parking</th>
<th>Proposed Parking</th>
</tr>
</thead>
<tbody>
<tr>
<td>Waterfront Park</td>
<td>286 +/- space lot at primary vehicle entry point (Cooke and Kelikoi Streets); 45 +/- space lot north of the Children’s Discovery Center (CDC); 41 +/- space lot east of the CDC; and 49 +/- space lot near Point Panic</td>
<td>129 +/- spaces in reconfigured lot west of current central lot; 239 +/- spaces in parking lots and angled on-street spaces located at sports complex and Point Panic. Additional 900 +/- off-street parking anticipated to be developed by HCDA with technology incubator on Keawe Street (not part of the Parks Master Plan). No changes proposed for the lots north and east of the CDC.</td>
</tr>
<tr>
<td>Kewalo Basin Park</td>
<td>109 +/- space lot</td>
<td>No change proposed</td>
</tr>
</tbody>
</table>

Kewalo Basin Park

Few new elements are proposed at Kewalo Basin Park, aside from continuing the Lei of Green to neighboring Ala Moana Beach Park. The statue honoring Saint Marianne Cope, and the sculpture entitled, “Ano Lani; Ano Honua” are intended to remain. The existing net-shed building currently leased to Kupu is proposed to continue to be used for community-supportive uses. Showers are proposed for upgrades, with attention to subsurface materials to facilitate improved drainage.
Comfort Stations
Comfort stations and beach showers are proposed in the following locations:

Table 7 Comfort Station Locations and Proposed Sizes

<table>
<thead>
<tr>
<th>Location</th>
<th>Number of toilets (unisex)</th>
<th>Number of showers</th>
<th>of</th>
</tr>
</thead>
<tbody>
<tr>
<td>Waterfront Park</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1 “Adventure” concession stand</td>
<td>6</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>2 Biergarten</td>
<td>6</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>3 Waterfront Park Jetty</td>
<td>3</td>
<td>1 multi-head</td>
<td></td>
</tr>
<tr>
<td>4 Community Center</td>
<td>6</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>5 Sports Complex</td>
<td>8</td>
<td>1 multi-head</td>
<td></td>
</tr>
<tr>
<td>6 Point Panic</td>
<td>2</td>
<td>1 multi-head</td>
<td></td>
</tr>
<tr>
<td>Kewalo Basin Park</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7 Kewalo Basin Park</td>
<td>No change to existing</td>
<td>No change to existing</td>
<td></td>
</tr>
</tbody>
</table>

Special events will necessitate additional temporary facilities to accommodate large gatherings of people.

Green Infrastructure and Design
As park improvements are made, existing infrastructure will be replaced with low impact development (LID) techniques to manage stormwater flow in ways that better protects near-shore water quality from non-point source pollution. LID techniques may include installation of bioswales in parking areas, rain catchment from roof surfaces for irrigation water re-use, pervious paving, and rain gardens in landscape areas. However, specific means and methods must be determined at the time of design and construction to best accommodate site conditions such as slope, proximity to resources such as the ocean, and soil infiltration rates at the location of the proposed LID.

When designing new facilities, HCDA will implement water conservation measures (as feasible), which may include low-flow plumbing fixtures, use of non-potable water for irrigation, drought tolerant plants, xeriscape landscaping, efficient irrigation systems, and the use of Water Sense labeled ultra-low-flow water fixtures and toilets. Further, facilities like the food concessions and biergarten will be designed to be as efficient as possible, such that water consumption increases may be offset by installation of new, efficient comfort station fixtures.

Non-potable water is currently not available at any of the Kakaako Makai Parks. However, HCDA will investigate the feasibility of using non-potable water for irrigation, such as condensate from the proposed Honolulu seawater air conditioning facility, when and if the facility is constructed and operational, or if other non-potable sources become available.
## Phasing Plan

### Table 8 Phasing Plan

**Phase I (Do Immediately & Complete in 1-3 Years)**

<table>
<thead>
<tr>
<th>Park Element</th>
<th>Supporting Infrastructure</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Initiate regular programming of Gateway Park</td>
<td>Upgrade electrical as necessary to accommodate food trucks</td>
<td></td>
</tr>
<tr>
<td>Lei of Green connection between Kewalo Basin Park and Ala Moana Regional Park</td>
<td>Adjust grades as necessary to ensure stormwater from promenade sections sheet flow to lawn for infiltration; Adjust grades at Keawe Street</td>
<td></td>
</tr>
<tr>
<td>Regrade contours in Kewalo Basin Park to reduce mounds and improve drainage at showers</td>
<td>Incorporate rain gardens in Kewalo Basin Park to address drainage issues</td>
<td></td>
</tr>
<tr>
<td>Refresh landscape in Kewalo Basin Park with coastal native plants</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Open a park entry at Keawe Street</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lei of Green connection at Keawe Street</td>
<td>Regrade entry to allow ADA-compliant connection to existing pathway system, anticipating eventual sidewalks mauka to makai on Keawe Street</td>
<td></td>
</tr>
</tbody>
</table>

**Phase II (3-5 Years)**

<table>
<thead>
<tr>
<th>Park Element</th>
<th>Supporting Infrastructure</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Construct Beach Hale &amp; comfort station at Point Panic</td>
<td>Connect to water and wastewater lines in Ahui Street</td>
<td></td>
</tr>
<tr>
<td>New surface parking area at Point Panic and makai of Olomehani Street</td>
<td>Grading as appropriate; parking lot stormwater to be captured in depressed rain gardens</td>
<td>Incorporate native plants into rain garden</td>
</tr>
<tr>
<td>Once additional parking is available, reconfigure central parking area and replace majority with lawn</td>
<td>Construct bioswales in downsized parking lot to accommodate stormwater</td>
<td></td>
</tr>
<tr>
<td>Establish food truck programming</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Begin first phase of sports complex</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Phase III (5-10 Years)**

<table>
<thead>
<tr>
<th>Park Element</th>
<th>Supporting Infrastructure</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Regrade central mound in Waterfront Park to create clear visual access from Ala Moana Boulevard to Ocean</td>
<td>Realign Cooke Street along Gateway Park frontage</td>
<td></td>
</tr>
<tr>
<td>Construct accessible keiki play area makai of Children’s Discovery Center</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fill mound areas on Ewa side of Waterfront park to create additional open green space with expansive views</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Install splashpad and plaza Ewa of Children’s Discovery Center (former parking lot)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Complete Kelikoi Street connection to Keawe Street</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Complete sports complex</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Phase IV (10-20 Years)**

<table>
<thead>
<tr>
<th>Park Element</th>
<th>Supporting Infrastructure</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Community Center adjacent to Great Lawn and accessible keiki play area</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Relocate amphitheater</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Install slides and play apparatus on mauka-side of amphitheater mound (site of old amphitheater)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Food concessions and comfort station associated with slides and play area</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Add biergarten at top of mound overlooking amphitheater, great lawn, slides and splashpad</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Cost Estimates

Financial feasibility analyses for Master Plan improvements including the Sports Complex, Amphitheater, Biergarten, and Food Trucks were prepared by Colliers International (Appendix B). These four Master Plan elements are proposed for development in Phases III or IV, such that the earliest related construction would occur in years 5-10, with the exception of the Food Trucks and Sport Complex occurring in Phase II during years 3-5. The analyses estimated Total Projected Annual Net Operating Income (annual NOI) based on development criteria, stabilized revenue, and estimated operating expenses, while Total Development Costs were based on hard costs and soft costs. Hard Costs account for site preparation, utilities, building, and surface parking, while Soft Costs generally include architecture, mechanical, civil, and structural engineer services, construction management, building permits, as well as insurance. Table 9 summarizes information for each of the four elements, with data that is rounded.

For the four Master Plan elements the Total Development Costs ranged from about $178,000 for a space dedicated to food trucks to $26.2 million for a sports complex. Annual Operating Expenses are subtracted from Annual Revenues to develop an estimated Annual Net Operating Income (annual NOI).

Table 9 Summary of Financial Feasibility Analyses for Master Plan Elements

<table>
<thead>
<tr>
<th>Park Element</th>
<th>Total Development Cost</th>
<th>Estimated Annual Revenue</th>
<th>Estimated Annual Operating Expenses</th>
<th>Total Projected Annual Net Operating Income (NOI)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sports Complex</td>
<td>$24,552,000(^1)</td>
<td>$1,652,400</td>
<td>$1,586,304</td>
<td>$66,096</td>
</tr>
<tr>
<td>Amphitheater</td>
<td>$16,694,600(^1)</td>
<td>$1,467,100</td>
<td>$1,320,390</td>
<td>$146,710</td>
</tr>
<tr>
<td>Biergarten</td>
<td>$1,299,700(^1)</td>
<td>$2,178,000</td>
<td>$2,075,940</td>
<td>$102,060</td>
</tr>
<tr>
<td>Food Trucks (10 trucks)</td>
<td>$178,000</td>
<td>$360,000</td>
<td>$286,800</td>
<td>$73,200</td>
</tr>
<tr>
<td>Surface Parking (475-500 stalls)</td>
<td>$1,662,500-$1,750,000</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

\(^1\)The Colliers International cost estimate (Appendix B) assumes construction of separate surface parking lots for this use. Parking costs have been deducted from this use and calculated as a separate line item in the table above.

The financial feasibility analyses determined that all four of Master Plan elements are estimated to generate revenues. Also, the estimates assume that HCDA would solely be responsible for the construction and operations of each of the facilities. As was noted for the Sports Complex, development costs could be off-set if sponsorship or donation funds are secured.

The financial feasibility analysis also suggests that the profitability of these four elements will be dependent upon the chosen operations and management framework. For example, if concert promoters have a financial stake in the success of the amphitheater, they will be more motivated to book performers. As there are no specific design plans for the four proposed Park elements, it
is acknowledged that when designs are completed further study may determine refinements to respective Park elements’ size, capacity, and other design and operation factors could result in lower Total Development Costs and greater Total Projected Annual Net Operation Incomes.

While the development costs of the four major active uses are significant, each Park element has proposed phasing that is intended to enable HCDA to plan accordingly and secure the necessary funds and financing.

**Financing Mechanisms**

Currently, the HCDA spends approximately $1 million per year maintaining the Kakaako Makai Parks. The Active Use Master Plan recognizes that the proposed improvements will require funding from a combination of sources encompassing private and public investments. In recognition of the 2012 transfer of State revenue generating lands that previously supported the Kakaako Makai Parks, additional revenue generating enterprises are proposed to provide desired park amenities. In balancing the community’s expressed desire for open-space with minimal commercial development, limited revenue generating improvements are proposed in the Master Plan. While the proposed food concessions, biergarten and amphitheater are expected to generate revenues, complimentary sources of funding will be needed for the proposed Park improvements and long-term maintenance.

The following financial mechanisms from the 2011 Conceptual Plan continue to be relevant in providing options to fund the Active Use Master Plan and are described below.

- **Property Tax Increment Financing (TIF):** Facilitates the capture a portion of increased property taxes over a fixed "base amount" within a specified development district. The TIF can be used to sell bonds to fund or reimburse for capital improvements. Implementation of a TIF will require collaboration with the City and County of Honolulu to redirect a portion of the property taxes to support implementation of the Master Plan.

- **Community Finance District (CFD) Financing:** Uses tax exempt bonds to finance public facilities within a special district. The debt service of the bonds are paid by property owners within the district through a special tax or assessment above the exiting rate that benefits from low interest rates due to the tax exemption.

- **Business Improvement Districts (BIDs) and Other Assessment Districts:** Facilitate the collection of on-going fees from a group of property owners in a district to pay for operation and maintenance costs, and sometimes capital improvements too. Bryant Park of New York City utilized a BID to support transformation of their parks.

- **Common Area Maintenance (CAM):** Charge ongoing fees on property owners to pay for operation and maintenance costs for a project or area. While the majority of public improvements including street and park maintenance, security, and landscaping are paid by the State, the existing Waterfront CAM charge property owners in Kakaako Makai to support a portion of those improvements.
• **Conservancies:** Generally comprised by non-profit organizations dedicated to the implementation, operation, and maintenance of a public purpose asset, such as a park. Conservancies such as those in Chicago, San Francisco, and New York City have demonstrated their effectiveness in raising funds from individuals, corporation, and foundation donors, as well as competing for grants to transform and activate park spaces.

As the Kakaako Makai Parks are a public facility, HCDA will continue to pursue public funding for the Park improvements. Direct funding of the park improvements may be achieved through the State of Hawaii’s Capital Improvement Program, public facilities revenue bonds issued by HCDA, and/or rental revenues generated through property leasing by HCDA (Hawaii Community Development Authority, 2005). Such public funding is sought to address major park and public activity areas and other public facilities that generate direct revenues to support bond financing. Direct charitable contributions for construction of proposed cultural and art related elements can also provide necessary funding. Encouraging such public investment brings together resources, and expertise that can bolster programming and activities that are available to park users. The proposed Community Center, Amphitheater, and Great Lawn can serve as attractive venues for events, activities, and workshops that focus on educational, cultural, and entertainment hobbies and interests.
References


County of Los Angeles Department of Parks and Recreation Planning & Development Agency. (2014). *Park Design Guidelines and Standards*.


Hawaii Community Development Authority. (2015). *TOD Overlay Plan Final Environmental Assessment, Kakaako Community Development District*. Honolulu, HI: HCDA.


Appendix A:
Report & Findings on the Public Participation Process
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Introduction
The purpose of this report is to document the public engagement process and to compile input and feedback received from the public during the planning process. The information herein will inform the Makai Area Parks Active Use Master Plan and its Environmental Impact Statement.

Understanding public preferences for outdoor recreation facilities is important. To that end, several opportunities for public engagement were provided to help inform the project team. The primary means for public engagement were through public meetings and through an on-line public engagement platform.

Public Participation Techniques

Public Meetings
A series of public meetings were planned to span the planning process. The purpose of the meetings was to collect information from the public and allow the community to interact, share stories, ask questions, and provide suggestions one-on-one with the project team.

Table 1 Public Meetings

<table>
<thead>
<tr>
<th>Meeting</th>
<th>Date</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Public Open House—Series 1</td>
<td>August 28, 2014 and September 6, 2014</td>
<td>HCDA Office, 461 Cooke Street, Honolulu, HI 96813</td>
</tr>
<tr>
<td>Public Open House—Series 2</td>
<td>October 30, 2014 and November 8, 2014</td>
<td>HCDA Office, 461 Cooke Street, Honolulu, HI 96813</td>
</tr>
<tr>
<td>Parks Peek Event</td>
<td>December 6, 2014</td>
<td>Kakaako Makai Gateway Park, 461 Cooke Street, Honolulu, HI 96813</td>
</tr>
<tr>
<td>Environmental Impact Statement (EIS) Kick Off Meeting</td>
<td>April 16, 2015</td>
<td>HCDA Office, 547 Queen Street, Honolulu, HI 96813</td>
</tr>
<tr>
<td>Public Open House—Series 3</td>
<td>June 4, 2015 and June 13, 2015</td>
<td>HCDA Office, 547 Queen Street, Honolulu, HI 96813</td>
</tr>
<tr>
<td>HCDA Board Meeting</td>
<td>June 24, 2015</td>
<td></td>
</tr>
</tbody>
</table>

Public Open House Series 1
Public engagement commenced with an open house series held on two dates, Thursday, August 28th, 2014 from 5:30 p.m. to 7:30 p.m. and Saturday, September 6th, 2014 from 10:00 a.m. to Noon at the HCDA offices on Cooke Street. The meetings were informal, and guests were encouraged to view materials that were organized by topic (history, opportunities, challenges, etc.) that were posted around the room and leave comments on large format paper at each topic area. HCDA and PBR HAWAII staff were on hand to talk about the materials and the planning process. The open houses also included a short video loop that documented some visible challenges in the park, a PowerPoint slideshow and a station to learn more about the on-line public engagement platform.

57 people signed-in as attendees at the public open house series (Appendix A).

Public Open House Series 2
Conceptual theme diagrams were presented to the public on two dates, Thursday, October 30th, 2014 from 5:30 p.m. to 7:30 p.m. and Saturday, November 8th, 2014 from 10:00 a.m. to noon at the HCDA offices on Cooke Street. Like the first series of open houses, the meetings were informal, and guests were encouraged to view materials that were organized by topic and posted around the room. The public was asked to complete two comment cards: one asked the commenter to list the top ten active uses they would like to see in the park; the other asked the commenter to choose which of the five themed use diagrams they most preferred. There were also sheets on the tables for free form comments. HCDA and PBR HAWAII staff was on hand to talk about the materials and the planning process. HCDA and PBR HAWAII also gave a presentation detailing the design process up to this second open house series. The presentation included audience polling, the results of which are detailed in the Results section.

66 people signed-in as attendees at the public open house series (Appendix A).
Kakaako Parks Peek
On Saturday December 6, 2014 HCDA hosted the Kakaako Parks Peek. This event, which promised a “sneak peek at the future of Kakaako Makai,” included food trucks, live music, a volleyball tournament, games, art, and a number community booths. HCDA and PBR HAWAII staff members ran a booth where attendees had the opportunity to learn about and comment on their preferred active uses and the conceptual theme diagrams presented at the Open House Series 2. The comment cards used at this event were the same as those used at the Open House Series 2.

EIS Kickoff Meeting
The EIS process was announced to the public at a 5:00 p.m. open meeting on Thursday, April 16th, 2015, at the HCDA Office on Queen Street. At the meeting, PBR Hawaii staff made a presentation about the purpose of the meeting, project background, and timeline of the EIS process. The presentation provided an overview of the planning process, which would develop an active facilities master plan for the Kakaako Parks, building on the prior 2011 Conceptual Master Plan and accounting for changes that occurred in the area since that time. Attendees could ask questions and provide their input on issues and concerns that should be addressed in the EIS.

Public Open House Series 3
Design concepts were shared with the public on two dates, Thursday, June 4th, 2015 from 5:30 p.m. to 7:00p.m. and Saturday, June 13th, 2015 from 10:00 a.m. to Noon at the HCDA Office on Queen Street. The format of the meeting began with opening remarks and introduction of PBR HAWAII presenters, followed by a 10 minute HCDA video describing the Kakaako Makai Park history, past planning efforts, and park utilization concepts and opportunities for collaboration. After the video three presentations were made by PBR HAWAII staff discussed how input from the past 2 open house series meetings and 2014 parks peek event informed the planning process to date; alternative park concepts and notional layouts for parking, green space, art/water features, amphitheater, concession stand, community hale/pavilion, biergarten, and other areas for both active and passive activity use were reviewed; and next steps and opportunities for public participation in the Draft Environmental Impact Statement process. Then attendees were able to discuss with HCDA and PBR HAWAII staff public comments and questions. Attendees were encouraged to submit written input via comment cards and the on-line engagement project web presence.

HCDA Board Meeting
On Wednesday, June 24th, 2015, a general business meeting of the Kakaako Members of the HCDA was held from 8:30 a.m to 10:30 a.m at the HCDA Office. HCDA Executive Director reported that the HCDA had previously authorized the Environmental Impact Statement (EIS) for the Kakaako Makai Area Parks Active Use Master Plan. PBR HAWAII staff summarized the primary issues raised in the three series of Open House meetings and the Parks Peek event. Overall received positive reactions in developing the master plan, especially to prioritize connection of the Kakaako Makai Park to Ala Moana Beach Park and have venue for food trucks and regularly programmed events. Movement of amphitheater was well received, as long as design was thoughtful and respected views. Coordination was a focus issue, including coordination with surrounding property owners resulting in cohesive development, avoidance of park uses conflicting with neighboring commercial development, and opportunities to coordinate as improvements are made for Ala Moana Beach Park. Varying perspectives on parking were shared, as some expressed preference in scattering parking to ease park access while others supported a single parking facility to enable more open green space overall. Strategic drop off areas may provide a compromise in addressing parking preferences.

On-line Public Engagement
With the knowledge that a mere 6.3% of Hawaii residents participate in public meetings (Corporation for National & Community Service, 2015), the HCDA and PBR HAWAII project team sought to provide alternative venues to give people who might otherwise be overlooked or overshadowed a voice in the planning process. To that end, an on-line public engagement platform was provided. The goal for on-line engagement was to find a way to reach the people who cannot or will not attend public meetings, but have important contributions to make to the planning process. The team utilized the on-line engagement platform provided by MindMixer and established a project web presence at http://kakaakomakiparks.mindmixer.com.
Figure 2. Project Website

The site was launched on August 28, 2014, the same day as the first public open house. Notice of the site was provided to meeting attendees at the open house on August 28th and September 6th. Meeting attendees were also emailed with a link to the site and HCDA staff provided links to the site on the HCDA website. The website was accessible to the public through July 31, 2015.

Results

Open House Series 1

Following is a list of comments provided by the public at the open house series. The comments are sorted by question and where comments were duplicative, a number is noted in parentheses. One participant in the public meetings provided a short white paper on “all access and abilities” playgrounds. It is included in Appendix A.

Station #1: My Memories of Kakaako Makai Parks...
- Beautiful waves, sunsets and green open space with picnics
- A place to go to unwind after a hectic day at the office. Relaxes and expands your sense as you view nature at its finest
- Green, clean and maintained (past)
- Hawaiians used to live in this area, let’s bring that back.
- Kids sliding down the hill (2)
- It was a large green park, now it is shrinking to special interests
- Rubbish dump
- Tuna Packers Factory
- Fishing boats
- Why not provide an interpretive signage program to recall Kakaako’s rich history with an orientation center at the Historic Pump station (Kakaako gateway)

Station #2: What do you treasure about Kakaako Makai Parks?
- The beautiful view of the ocean/mountain
- Public gathering, ocean and open space
- Recreational use for growing communities
- Crucial to have bike path and walking connection Kewalo Park to Waterfront Park to Ala Moana Park & Aloha Tower
- Ensure connection to Mother Waldron Park with greenway (lei of parks) on Cooke and connection to Gateway Park
- Gathering Place
- Central location (2)
- Connection to the sea and surfers (2)
- Openness and Views (4)

Station #3: How do you use the park?
- Walk my dog (2)
- Used to walk my dog, but because of homeless I don’t do it unless accompanied by a friend
- Morning exercise
- Family picnics (3)
- Bike riding area (3)
• Informal meetings or get togethers
• Events/concerts
• Watch sunsets
• Watch International Space Station flyovers
• Observe shoreline/waves
• Community for surfers and body surfers
• Observe mountains and the sea
• Oasis in the City
• Used to go there for the Discovery Center before children grew up
• Body surfing, surfing, skin diving, fishing, fireworks, picnics, bicycle, jogging, meetings, picture taking, walks, sunsets, views of Waikiki, surf watching, lunches

Station #4: What challenges would you like to see resolved?
• Homeless (5)
• Give homeless more jobs (doing a good job already) but let’s do more to get them to take ownership of surroundings with dignity
• Clear direction, plan, funding
• See more play in Kakaako
• Tree lined access into park – very hot to walk
• Public restrooms need help
• Attract the public
• Need more family friendly activities
• Urban pedestrian connectivity is needed
• Waterfront Park is too isolated it needs a plan that "sticks"
• Pedestrian connector and biking connector between Ala Moana beach park & Kakaako Park
• Build public roadway through park (like Ala Moana Beach Park)
• Shade trees
• The level of activity in Kakaako is skyrocketing. No other park in Hawaii sustains itself. Parks are financed through real estate taxes, general funds or a small amount of appropriate non-invasive commercial activities within the park
• Don’t fill up green space with commercial clutter
• This is not the time for future planning

Station #5: What do you think would help generate more active uses within the park?
• Family friendly activities (2)
• Dog park (4)
• Water activity restricted (surf, fishing, etc) Need water access (beach area for children and other uses)
• Urban gardening - edible landscaping in parks, community greenhouse
• Facilities for indoor and beach volleyball (added by another writer. Not in the green open space)
• Public community centers (compilation of several comments relating to community-center type facilities)
  o gyms
  o basketball
  o volleyball
  o skateboard
  o community meeting spaces
• Sports facilities to attract family and community to the park
• Outdoor spaces/places with support activities for public use (compilation of several comments relating to outdoor facilities)
  o ie, skate park
  o cycle track
  o story telling areas
  o water play area
  o fishing piers
  o market kiosks
  o all access “inclusive playground” (see Appendix A)
  o interactive fountains/water features with music
  o canoe dragon boat halau and rowing and kayaking
  o bike share station
  o community garden
  o mountain climbing wall at Ewa end
  o sand box
  o super fun playground equipment under trees
  o regular/dependable food trucks
• More active recreation for youth and families
• OHA should be allowed to exchange Kakaako Lands with other State Lands
• Why are the examples always from somewhere else? Aren’t there good examples in other places in Hawaii?
• Park Activities—More annual maintenance (taxes?)

Open House Series 2 and Kakaako Parks Peek
This section provides a summary of the public input from the second open house series and the Kakaako Parks Peek. For the complete results, see Appendix A.

Comment Cards. Both the Open House and Parks Peek utilized two comment cards. One asked the commenter to list the top ten active uses they would like to see in the park; the other asked the commenter to choose which of the five themed use diagrams they most preferred.

The following is a summary of the responses to the active uses comment cards.

Table 2 Open House Responses: Preferred Activities

<table>
<thead>
<tr>
<th>Top Uses by Number of Responses</th>
<th>Top Uses by Mean Ranking</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. volleyball</td>
<td>1. volleyball</td>
</tr>
<tr>
<td>2. farmers market</td>
<td>2. stormwater collection</td>
</tr>
<tr>
<td>3. outdoor concert</td>
<td>3. basketball</td>
</tr>
<tr>
<td>4. outdoor shaded food court</td>
<td>4. climbing wall</td>
</tr>
<tr>
<td>5. outdoor movie</td>
<td>5. workout stations</td>
</tr>
<tr>
<td>6. workout stations</td>
<td>6. storytelling</td>
</tr>
<tr>
<td>7. amphitheater</td>
<td>7. light display (Illuminage)</td>
</tr>
<tr>
<td>8. giant slide park + light tunnel</td>
<td>8. playground + sandbox</td>
</tr>
<tr>
<td>9. basketball</td>
<td>9. baseball</td>
</tr>
<tr>
<td>10. semi-permanent themed food trucks</td>
<td>10. trampoline park</td>
</tr>
</tbody>
</table>

The following is a summary of responses to the themed use diagrams. No one completed these comment cards at the first meeting (October 30, 2014).

The use diagram comment card also had a space for respondents to suggest elements they want to combine from different use diagrams. These comments are listed below:

1. The parks need to have the ability to generate funds to support maintaining the park. Run leased to private company.
2. B, A
3. The family and sports could be combined.
4. Should incorporate family friendly zone and convert one open space for sports :) 5. I do like the family friendly theme too with the parking garage with rooftop beer garden. Incorporated those with the sustainability theme would be awesome!
6. Play fields (sports), entertainment area, obstacle course
7. Sports + entertainment
8. Family and sports
9. E and D
10. Add family friendly element to sustainability. Make sure to have enough parking.
11. Sus, with sports theme
12. E + stormwater filtration garden and sustainable gardens
13. Praise and worship retreats/events
14. I would like to see the bridge from the adventure theme added to C, entertainment theme.
15. A, B + C
16. Sports + Family + Entertainment
17. Pieces of each combined where multiple things can be done maybe seasonally. Diagram 5.
18. There are elements of each one of the diagram that I would love to see combined but mostly a sports/family theme. Thank you!
19. Get rid of tents around the Park
20. Sports/entertainment themes a transition from day to night from sports to entertainment.
21. Sports and family
22. Sports and entertainment themes with sustainability (commercial and food trucks, etc.)
23. Sustainability and sports
24. Sports/family/entertainment
25. Entertainment and garden
26. Mainly B but add part of A, family friendly
27. Prefer B. Possibly combine with C.
28. I prefer sports theme but believe it could be combined with family friendly, entertainment and sustainability.
29. I would prefer the sports theme but I think you could combine the family friendly and entertainment theme with it also.
30. C seems to provide the best blend of recreation for all ages.
31. B/C
32. B and C
33. B and C
34. A,C,D

Audience Polling. Only the Open Houses had audience polling, which was conducted at the end of the informational presentation. The results shown below are the combined results from the Thursday, October 30th meeting and the Saturday, November 8th meeting.

How often do you use Kewalo Basin Park, Waterfront Park, and/or the Gateway Park?

- Daily: 22%
- Weekly: 17%
- Monthly: 37%
- Yearly: 21%
- Never: 3%

What time of day do you most often use the parks?

- Mornings: 7%
- Mid-day: 21%
- Sunset: 25%
- Night-time: 47%

What is the main thing that keeps you from recreating in these parks?

- Safety concerns: 48%
- The parks and ocean are not visible from Ala...: 14%
- There is no beach: 17%
- Not enough picnic tables, pavilions, or bench...: 22%
- Not enough parking: 11%
- Some other reason: 8%

Would you support any of the following ways to help pay for park operations and maintenance?

- User fees: 26%
- Parking fees: 22%
- Activities that charge a fee: 17%
- Donations: 16%
- Food concessionaire: 11%
- Equipment concessionaire (i.e. surf board rent...: 8%
At Kewalo Basin Park, I feel it is more important to:

- Draw more people to the park: 28%
- Improve facilities for surfers, fishermen and...: 68%
- Abstain: 4%

At the Waterfront Park, I feel it is more important to:

- Provide playspaces for keiki: 88%
- Provide attractions that appeal to all ages: 9%
- Abstain: 3%

At the Waterfront and Gateway Parks, regularly programmed events are essential to keep the parks active.

- Strongly Agree: 93%
- Agree: 6%
- Disagree: 2%
- Strongly Disagree: 0%

If there were programmed events that included local food vendors every two weeks at Waterfront and Gateway Parks, would you be interested in going?

- Yes: 9%
- No: 93%
- Abstain: 0%

Of these two uses, which do you prefer at Kewalo Basin Park?

- Canoe Hale: 27%
- Exercise Equipment: 66%
- Abstain: 7%

Building a slide park into or on the mounds at Waterfront Park is a creative idea worth exploring.

- Yes: 13%
- No: 7%
- Abstain: 85%
Which do you prefer in the Gateway and/or Waterfront Parks?

- Dog Park: 32%
- Skate Park: 23%
- Both: 6%
- Neither: 38%
- Abstain: 1%

If you had to choose one, which would you prefer to see in the Parks?

- Splashpad: 34%
- Community garden: 6%
- Abstain: 60%

Do you prefer an outdoor volleyball court over an outdoor basketball court in the Kakaako Makai Parks?

- Yes: 88%
- No: 9%
- Abstain: 3%

Along with other uses, would you favor a Beer Garden in the park?

- Yes: 45%
- No: 49%
- Abstain: 6%

Do you prefer an indoor volleyball center over an indoor trampoline park in the Kakaako Makai Parks?

- Yes: 91%
- No: 9%
- Abstain: 0%

Connecting the Waterfront Park to Kewalo Basin Park for pedestrians is important.

- True: 91%
- False: 9%
Are your ideas reflected in the materials shown today?

- Yes: 20%
- No: 6%
- Abstain: 74%

Several people also left comments on the blank paper made available for open comments:

- Comments?
  - Indoor and outdoor volleyball facilities needed for Hawaii!
  - Protecting the future, buena vista - with volleyball, this is needed!
  - Keiki museum expanded, SF have great examples, both near waterfront (innovative, inspired)
  - Sheltered event spaces - thought the workshops were learning, not selling.
  - Must focus into the future, buena vista with volleyball facilities needed!

Figure 4 Open House Response: Open Comment Examples
On-Line Engagement Participation & Comments

As of the date of this report, activity at the Kakaako Makai Parks website has included 634 unique site visitors with over 2,707 page views.

The Kakaako Makai Parks website has several ways to provide comments. The following charts are summaries of the responses to several questions on the website.

What time of day do you most often use Kakaako Makai Parks?

- sunset: 37%
- other: 14%
- mid-day: 19%
- mornings: 18%
- night time: 11%
- other (click on the “Learn More” button and add a topic note to share details)

What uses would you favor to activate the Kakaako Makai Parks?

- sports facilities: 23%
- family-friendly evening activities: 22%
- food concessions: 18%
- programmed art: 14%
- exhibits/exhibitions/performances: 10%
- places to meditate or do art: 9%
- interactive water features: 7%
- community gardens: 7%
- other: 6%

The average participant is:

- Female: 31 years old
- Living in these Postal Codes: 96822, 96813, 96816

The Project Website Activity Summary:

- Unique Visitors: 696
- Page Views: 2,929
Participants can also provide “ideas” on the website. Ideas to date are provided in the following table.

What keeps you from recreating at Kakaako Makai Parks?

- Perceived safety concerns due to homeless in the park: 38%
- There is no beach: 21%
- Other: 16%
- There are not enough picnic tables, pavilions, or benches: 13%
- There is not enough parking: 8%
- Other: 4%

Would you support any of the following ways to help pay for park operations and maintenance? (choose all that you support)

- Equipment rental concessionaire (e.g., surfboard rental): 22%
- Food concessionaire: 22%
- Donations: 18%
- Family-friendly activities that charge a fee: 14%
- User fees: 12%
- Parking fees: 6%
- Other: 6%
Table 3. Online Ideas, Compiled

<table>
<thead>
<tr>
<th>ID</th>
<th>Topic Name</th>
<th>Idea Title</th>
<th>Idea Summary</th>
<th>Author</th>
<th>Seconds</th>
</tr>
</thead>
<tbody>
<tr>
<td>180666</td>
<td>Kakaako Makai - Strengths</td>
<td>A beach volleyball court</td>
<td>Near the water and in central Honolulu has easy access to an urban center.</td>
<td>Gideon H</td>
<td>0</td>
</tr>
<tr>
<td>139746</td>
<td>Kakaako Makai - Strengths</td>
<td>A Volleyball Facility that could also host community events</td>
<td>It is centrally located with beautiful coastline views, perfect venue for an activity center. The Makai area has a lot of public parking and is in a high density area. While there is no beach volleyball court, the volleyball facility that does exist is located in the area.</td>
<td>Summer M</td>
<td>0</td>
</tr>
<tr>
<td>135646</td>
<td>Kakaako Makai - Strengths</td>
<td>A place for the community to be active and play in Kakaako</td>
<td>We should have a site that brings the community to Kakaako. Right now it seems like it for the developers, the rich, and the international condo buyers.</td>
<td>Kerin W</td>
<td>0</td>
</tr>
<tr>
<td>137661</td>
<td>Kakaako Makai - Strengths</td>
<td>It would be great to have some volleyball courts</td>
<td>There is a shortage of sand volleyball courts and indoor courts. The activity has a lot of inherent value and we need more space as the interest expands.</td>
<td>Shelly O</td>
<td>0</td>
</tr>
<tr>
<td>137306</td>
<td>Kakaako Makai - Strengths</td>
<td>A sand volleyball court for the community</td>
<td>Sand volleyball is gaining popularity and this is a great sport for all ages.</td>
<td>Lisa G</td>
<td>0</td>
</tr>
<tr>
<td>136675</td>
<td>Kakaako Makai - Strengths</td>
<td>The parks are centrally located with ocean views</td>
<td>The Makai areas are dangerous and have issues with the upakau and homeless. It would be great to have a volleyball facility that could also host community events. This would bring the community back to Kakaako.</td>
<td>Greg M</td>
<td>0</td>
</tr>
<tr>
<td>136342</td>
<td>Kakaako Makai - Strengths</td>
<td>The courts</td>
<td>The most valuable aspect of Kakaako Parks are the impeccable views of Honolulu, the Koolau range and the ocean. Also, the Amphitheatre is underutilized and its use should not be restricted. It is a fantastic venue and needs upgrades to formalize it as a performance space.</td>
<td>Danielle L</td>
<td>0</td>
</tr>
<tr>
<td>140036</td>
<td>Kakaako Makai - Strengths</td>
<td>An activity-oriented Community Center will benefit the people of Honolulu</td>
<td>We feel that the parks are currently located with main reasons, but there isn't a catalyst for activity in the area. The Makai areas are dangerous and have issues with upakau and homeless. It would be great to have a volleyball facility that could host community events. This would bring the community back to Kakaako. This would allow normal Hawaii citizens and their ohana access to an area that has been mostly beneficial to Land Developers, Land Owners, and the richest of the rich who can afford million dollar condos.</td>
<td>Makalani K</td>
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<tr>
<td>139775</td>
<td>Kakaako Makai - Strengths</td>
<td>Volleyball Courts</td>
<td>Would love to see some sand volleyball courts.</td>
<td>Jhame H</td>
<td>0</td>
</tr>
<tr>
<td>137417</td>
<td>Kakaako Makai - Strengths</td>
<td>Open, beautiful views, plenty of parking, quiet, great surf!</td>
<td>Go to Kakaako Park because I know I can find parking and I will have plenty of room to do the activities I like to do. Its quiet, peaceful, and enjoyable place to be. Excellent, not super crowded surf spots.</td>
<td>Matt J</td>
<td>0</td>
</tr>
<tr>
<td>136859</td>
<td>Kakaako Makai - Strengths</td>
<td>Oasis in the midst of town! Close, show water/ocean access</td>
<td>Stimulate reocurrence to Ocean State U see it? Accessible &amp; fun surf spots, nice side has swimming and snorkeling area for kids, great bike promenades for kids &amp; adults. Big stones/boulders keep us warm on chilly days, make cool us on hot days. Great spot for picnics &amp; banners. A sunny spot to reconnect w nature. Everybody in a good mood...friendly atmosphere. Hawaiians &amp; Surfers are Happy Here!! Beautiful views of DH to Waianae's Shores, plenty parking &amp; open space. Fun to see &amp; hear laughter of kids skidding down hills! LAILA BACK! Many from olohi come for fun break. Views from Kewalo &amp; magic island at city lights are as well!!</td>
<td>Lisa M</td>
<td>0</td>
</tr>
<tr>
<td>140046</td>
<td>Kakaako Makai - Strengths</td>
<td>We're on the water and in central Honolulu</td>
<td>We would like to see some sand volleyball courts.</td>
<td>Jhame H</td>
<td>0</td>
</tr>
<tr>
<td>139862</td>
<td>Kakaako Makai - Strengths</td>
<td>Arena</td>
<td>The area needs to be cleaned up and cleared out. If an arena is installed in the area, with ample parking, the area can host family-friendly events -other music, sporting, theatre, to draw users to the area. Infrastructure would help as well, with food concessions, rentals, and ample restrooms.</td>
<td>Malia J</td>
<td>0</td>
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<tr>
<td>140056</td>
<td>Kakaako Makai - Strengths</td>
<td>We feel that there are problems with safety and homelessness</td>
<td>We feel that there are problems with safety and homelessness, there is no beach, and that an &quot;other&quot; problem could be a lack of facilities and active uses for the park.</td>
<td>VIOLET B</td>
<td>0</td>
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</tbody>
</table>

**ACTIVE USE FACILITIES MASTER PLAN**

Report on Public Participation Process

Page 22

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**ACTIVE USE FACILITIES MASTER PLAN**

Report on Public Participation Process

Page 23
<table>
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<td>Sam A</td>
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<td>Aydee B</td>
<td>0</td>
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<tr>
<td>Sherry H</td>
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<td>Riki S</td>
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<td>Ernst M</td>
<td>0</td>
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<tr>
<td>Kelly B</td>
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<td>J A</td>
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<td>Mary L</td>
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<tr>
<td>TA</td>
<td>0</td>
<td>Ernest M</td>
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<tr>
<td>Mary L</td>
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<td>Aydee B</td>
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<td>J A</td>
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<td>Sam A</td>
<td>0</td>
<td>Riki S</td>
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Appendix A:
Meeting Flyers,
Sign-in Sheets, &
Open House Series Comments
<table>
<thead>
<tr>
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<th>AFFILIATION/AGENCY</th>
<th>PHONE</th>
<th>E-MAIL</th>
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<tr>
<td>Tom McLachlin</td>
<td>HODA Board / Alii Marina</td>
<td>204-5970</td>
<td><a href="mailto:TmcLauglin@gmail.com">TmcLauglin@gmail.com</a></td>
</tr>
<tr>
<td></td>
<td>N. Board</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bobbie Lau</td>
<td>Howard Hughes Corp.</td>
<td>808-2987</td>
<td><a href="mailto:Bobbie.Lau@howardhughes.com">Bobbie.Lau@howardhughes.com</a></td>
</tr>
<tr>
<td>Mervin-Nitteau</td>
<td></td>
<td>808-3%</td>
<td><a href="mailto:Mervin.Nitteau@gmail.com">Mervin.Nitteau@gmail.com</a></td>
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<tr>
<td>Michelle Masterson</td>
<td>CPAC</td>
<td>212-3926</td>
<td><a href="mailto:Msmasterson@hawaii.rr.com">Msmasterson@hawaii.rr.com</a></td>
</tr>
<tr>
<td>Steve Scott</td>
<td>HODA Honolulu</td>
<td>808-3926</td>
<td></td>
</tr>
<tr>
<td>Jackie Scott</td>
<td></td>
<td>808-4069</td>
<td></td>
</tr>
<tr>
<td>Wayne Takamine</td>
<td>CPAC</td>
<td></td>
<td><a href="mailto:Wayne.Takamine@hawaii.rr.com">Wayne.Takamine@hawaii.rr.com</a></td>
</tr>
<tr>
<td>Shannon Mat</td>
<td>WAX</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mike Harada</td>
<td>Colliers</td>
<td>808-5729</td>
<td>Mike@<a href="mailto:colliers@hawaii.com">colliers@hawaii.com</a></td>
</tr>
</tbody>
</table>

Environmental Impact Statement (EIS) Scoping Meeting

HCDA will accept public comments on the issues you feel should be disclosed in the EIS.

Where: 547 Queen St
Honolulu, HI 96813
April 16th, 2015
5:00 p.m.

For More Information please contact:
Lindsey Dai
Compliance Assurance and Outreach Officer
lindsey.dai@hcdaweb.org
808-594-0226
KAKA'ako MAKAI PARKS
EIS SCOPING MEETING
4/16/15

- What do you mean in terms of "safety" concerns? MM: EIS is basically a disclosure document.
  Govt agencies → State, County, or Federal?
  Turns on when governor will see EIS?
  Why didn’t you have CC consultant? Work has been done by SOEST?
  Climate change + sea level rise will be included in the EIS?
  Draft will be out in summer? (July/Aug)

Public recreational facilities
open to all residents and visitors
Volleyball training facility is an exclusive, restrictive use consuming public park space

What issues or concerns should be addressed in the Kaka'ako Makai Parks Active Use Facilities Master Plan Environmental Impact Statement?

Adhere to the national urban planning standard for urban open space:

2 - 2½ acres / 1000 capita open recreational space.
(Shoreline to Standards)

green recreational open space

Public recreational facilities
in a park setting (CV)
You are invited to attend one of two open house sessions for the planning and revitalization of the Kaka'ako Makai Parks.

The open house will focus on:
- Current parameters and challenges
- Concepts of popular gathering places in Hawaii and other communities
- Programs, uses, and activities to contribute to the sustainability and livelihood of the parks
- Your ideas to activate and enhance the parks as "gathering places"

Other information will include:
- Introduction to the Kaka'ako Makai Parks Planning process
- Master planning schedule
- Community engagement process

For more information or questions please contact:
Lindsey Doi
Hawai'i Community Development Authority
Compliance Assurance and Master Planning
lindsey.doi@hcdaweb.org
www.hcdaweb.org

Hawaii Community Development Authority

The Hawai'i Community Development Authority (HCDA), a State agency established by the State Legislature in 1976, supplements traditional community renewal methods by promoting and coordinating public and private sector community development in urban areas in the State that are in need of timely redevelopment.

By creating the HCDA, the Legislature designated the Kaka'ako area of Honolulu as the Authority's first Community Development District, recognizing the area's potential for increased growth and development and its inherent economic importance to Honolulu as well as the State.

The Legislative vision realizes that provided re-development of land, this area will offer tremendous opportunities for housing, parks, open spaces, and new commercial and industrial space in close proximity to downtown Honolulu.
<table>
<thead>
<tr>
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<th>Organization</th>
<th>Mailing Address</th>
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<th>E-Mail Address</th>
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</thead>
<tbody>
<tr>
<td>Michelle Matson</td>
<td>CRAC</td>
<td>3921 Gali St</td>
<td>222-7736</td>
<td><a href="mailto:MSMatson@hawaiic.com">MSMatson@hawaiic.com</a></td>
</tr>
<tr>
<td>George Akana</td>
<td>KOIR</td>
<td>72-5 Kaponu Blou</td>
<td></td>
<td><a href="mailto:Chuck021@hawaii.rr.com">Chuck021@hawaii.rr.com</a></td>
</tr>
<tr>
<td>Lisa Akana</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shane Bradshaw</td>
<td></td>
<td>5042 Maunaekane St</td>
<td>822-4415</td>
<td></td>
</tr>
<tr>
<td>Ron Inouye</td>
<td>Friends of Kealakehe</td>
<td>3214 Ma Lono St</td>
<td>235-6717</td>
<td><a href="mailto:doni@hbl.org">doni@hbl.org</a></td>
</tr>
<tr>
<td>David Alexander</td>
<td>Hawaii Bicycle League</td>
<td>3214 Ma Lono St</td>
<td>235-6717</td>
<td><a href="mailto:danil@hbl.org">danil@hbl.org</a></td>
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<tr>
<td>Frank Brandt</td>
<td></td>
<td>4089 Tapa Choral St</td>
<td>755-7152</td>
<td><a href="mailto:Frank@10parkhawaii.com">Frank@10parkhawaii.com</a></td>
</tr>
<tr>
<td>Carolyn Lin</td>
<td></td>
<td>5926 Kamehameha St</td>
<td>774-0555</td>
<td><a href="mailto:ckl@hawaii.rr.com">ckl@hawaii.rr.com</a></td>
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<td>Gideon</td>
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<tr>
<td>Morita Yoko</td>
<td></td>
<td>1200 Queen St Apt 1001</td>
<td>808-233-0001</td>
<td><a href="mailto:ken@hawaii.com">ken@hawaii.com</a></td>
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<tr>
<td>Marilyn Yamamoto</td>
<td>CRAC</td>
<td>600 Queen St Apt 3004</td>
<td>808-728-0800</td>
<td><a href="mailto:ken@hawaii.com">ken@hawaii.com</a></td>
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<tr>
<td>Kim Bridger</td>
<td></td>
<td>845 Queen St Apt 2004</td>
<td>808-233-0001</td>
<td><a href="mailto:kim@hawaii.com">kim@hawaii.com</a></td>
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<tr>
<td>Matt Johnson</td>
<td>DNA Food</td>
<td>845 Queen St Apt 2004</td>
<td>808-233-0001</td>
<td><a href="mailto:kim@hawaii.com">kim@hawaii.com</a></td>
</tr>
<tr>
<td>Leonardo Ciupak</td>
<td>ORI BEACH VOLLEYBALL</td>
<td>845 Queen St Apt 2004</td>
<td>808-233-0001</td>
<td><a href="mailto:leonardociupak@hotmail.com">leonardociupak@hotmail.com</a></td>
</tr>
<tr>
<td>Max John Wood</td>
<td>Resident</td>
<td>1055 Kapolei Blvd @ 3002</td>
<td>808-781-7324</td>
<td><a href="mailto:pawan293@gmail.com">pawan293@gmail.com</a></td>
</tr>
<tr>
<td>Bob Ots</td>
<td>KU</td>
<td>567 S K St Apt 4001</td>
<td>962-1843</td>
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<tr>
<td>Kevin Cuttey</td>
<td>Cuttey Communícations</td>
<td>P.O Box 2606</td>
<td>808-728-0800</td>
<td><a href="mailto:kevin@cuttycom.com">kevin@cuttycom.com</a></td>
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<tr>
<td>Nina Simm</td>
<td>UH</td>
<td>220 Waiwa Rd Apt 1004</td>
<td>808-728-0800</td>
<td><a href="mailto:nina@hawaii.rr.com">nina@hawaii.rr.com</a></td>
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<tr>
<td>Rodney Chang</td>
<td>UH</td>
<td>520 Kamehameha St Apt 4005</td>
<td>808-728-0814</td>
<td></td>
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</table>
### Future Planning

What do you think would help generate more active uses within the parks?

Dog Park: Family-friendly activities

Don't fill up open space with commercial clutter and bright. Keep the necessary open space and expand to nearby natural parks.

With the large amount of citizens for this HCDA Board and the administration, we need to think this is the future task.

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<td>Dexter Okada</td>
<td>KBIA</td>
<td>91-6808 Honolulu, HI 96818</td>
<td>597-1102</td>
<td><a href="mailto:dexter.okada@okada.com">dexter.okada@okada.com</a></td>
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<tr>
<td>Donna Smith</td>
<td>E.K. Fernandez Homes</td>
<td>91-6990 Kamehameha St.</td>
<td>682-5767</td>
<td><a href="mailto:donna@ekfernandez.com">donna@ekfernandez.com</a></td>
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<tr>
<td>Thomas Lai Jr</td>
<td>Friends of Kamalii</td>
<td>94-73 Kualii St. Kailua, HI 96746</td>
<td>230-7195</td>
<td><a href="mailto:T22Aquaman@gmail.com">T22Aquaman@gmail.com</a></td>
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<tr>
<td>Tom Heinrich</td>
<td>Senator Brian Taniguchi</td>
<td>State Capitol, Room 219</td>
<td>586-6042</td>
<td><a href="mailto:t.heinrich@capital.hawaii.gov">t.heinrich@capital.hawaii.gov</a></td>
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<tr>
<td>Allen Kam</td>
<td>UH A</td>
<td>594-1921</td>
<td></td>
<td><a href="mailto:allen.kam@hawaii.edu">allen.kam@hawaii.edu</a></td>
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</table>
**HOW DO YOU USE THE PARKS?**

- Walk my dog!
- Morning exercise
  - Walk my dog for morning run
  - Hang out at the bench
  - Ocean access
- Family picnics/Eating/lunch/dinner/Informal meetings/get together
- Go to events, concerts
- Watch sunsets; International Space Station flyovers
- Take in the beautiful shoreline, open space, with stars visible above – it is a Hawaiian cultural place to see the mountains to the sea.
- Away from Hustle and Bustle of a growing metropolitan, Oasis in the city.

**WHAT DO YOU THINK WOULD HELP GENERATE MORE ACTIVE USES WITHIN THE PARK?**

- Water activity restricted (surf, fishing, etc.)
  - Need water access/boating area for children & other users
- More area that can be used (incl. off-street slopes, do not allow maximum utilization of acreage)
- The level of activity in Kakaako is skyrocketing. No other park in Hawaii sustains itself. Parks are financed through real estate taxes, general funds or a small amount of appropriate, non-invasive commercial activities within the park.
- Urban gardening—edible landscaping in parks, community greenhouse
My Memories of Kakaʻako Makai Parks...

- Beautiful leaves, sunsets, and green open space where people do not destroy this asset.
- A place to go to unwind after a hectic day at the office. Relax and expand your spirit.
- The view of the water from the hill makes you feel like you are somewhere else.
- Kids sliding down the hill.
- Homeless used to live in this area. Let's bring that back.

What challenges would you like to see resolved?

- Homeless living in the park.
- Homelessness in the community.
- Clear direction from the police.
- More access into the park from residents.
- Less noise.

Homelessness Inhabitation: HUD is doing nothing to help.

7 OHA should be allowed to exchange land with state lands with concrete & commercial center.
How do you use my memories of Kaka'ako Makai Parks.

It was a large green park.
Now it is shrinking to slope (interest.)

What do you treasure about Kaka'ako Makai Parks?

1) The beautiful view of the ocean/mountain
2) Public gathering, ocean and open space recreational use for growing communities.
3) Crucial to have bike path & connection Keneko Park to waterfront Park to Ala Moana Rd. & Aloha Tower
4) Ensure connection to Waterfront Rd.
5) Gathering place, create a...
What do you treasure about Kaka'ako Waterfront Park, the Gateway Parks and/or Kewalo Basin?

- One of few seaside promenades
- Low-key, largely passive enjoyment
- Best promenade and other great views
- Dog-friendly
- Escape from congestion
- Harbor area should be a "crown jewel area"

What keeps you from recreating at Kaka'ako Makai Parks?
Choose as many as you like.

- Perceived safety concerns due to homeless in the park
- Parks and ocean are not visible from Ala Moana Boulevard
- There is no beach
- There are not enough picnic tables, pavilions, or benches
- There is not enough parking
- Other (please explain that the area is in decline due to infestation of homeless camps, off-leash dogs)

What do you think would help generate more active uses within the Kaka'ako Waterfront Park, Gateway and Kewalo Basin Parks?

- Greater sense of security
- Fewer homeless encampments
- Children's playground
- Beach with lifeguards along the promenade
- Coffee shops, jog-up coffee shops, etc.
- Bicycle tracks for bike/pedestrian connections to the beach parks
- Access along the entire waterfront, e.g., connections along Kewalo Basin Harbor to Waikiki Beach
- Dog park - large pen with segmented

Kaka'ako Makai Parks cost about $1M annually to operate. Would you support any of the following ways to help pay for park operations and maintenance? Choose all that you support.

- User fees
- Parking fees
- Family-friendly activities that charge a fee
- Donations
- Food concessionaire
- Equipment rental concessionaire (i.e., surfboard rental)
- Other
<table>
<thead>
<tr>
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<th>Organization</th>
<th>Mailing Address</th>
<th>Phone No.</th>
<th>E-Mail Address</th>
</tr>
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<tbody>
<tr>
<td>Tim McLaughlin</td>
<td>Ali`i Moana/Kapalua Neighborhood Bo</td>
<td>930 Kahawa St, Lahaina, HI 96761</td>
<td>944-3370</td>
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<tr>
<td>Joe Ferraro</td>
<td>Terrato Chai</td>
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<td>222-4899</td>
<td><a href="mailto:joe@ferrarochoir.com">joe@ferrarochoir.com</a></td>
</tr>
<tr>
<td>Sam Ferraro</td>
<td></td>
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</tr>
<tr>
<td>Ian &amp; Kristi Greene</td>
<td>Spike &amp; Serve</td>
<td>43-389 Kamehameha Ave, Kaneohe, HI 96744</td>
<td>386-5126</td>
<td><a href="mailto:greene@hawaii.rr.com">greene@hawaii.rr.com</a></td>
</tr>
<tr>
<td>Anthony L.</td>
<td></td>
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<tr>
<td>Julie Nishimura</td>
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<tr>
<td>Michelle Martin</td>
<td>CPAC</td>
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<tr>
<td>Marina N</td>
<td></td>
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</tr>
<tr>
<td>Dick Pruitt</td>
<td>UH</td>
<td></td>
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<tr>
<td>James E.</td>
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</tbody>
</table>

**What time of day do you most often use Kukui‘uwaikamoku Park?**
- Morning
- Afternoon
- Evening
- Other

**What uses would you favor to activate the Kukui‘uwaikamoku Park?**
- Active use facilities
- Open House
- Other (please specify)
<table>
<thead>
<tr>
<th>Name</th>
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<th>Mailing Address</th>
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<tbody>
<tr>
<td>Stephanie Nishimura</td>
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<td>3050 Hiekie St</td>
<td>808-541-17</td>
<td><a href="mailto:sknishimura@hawaii.ww">sknishimura@hawaii.ww</a></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Honolulu, HI 96822</td>
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<tr>
<td>Jason Selleck</td>
<td>Pacific Beach Work</td>
<td>1951 Keawe St</td>
<td>808-224</td>
<td>jselleck_pnar@worksh</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>6125</td>
<td>jselleck@planwarsh</td>
</tr>
<tr>
<td>Andrea Nishimura</td>
<td>Spike and Serve</td>
<td>5050 Helie St</td>
<td>808-366</td>
<td>anishimuraad@gmail.</td>
</tr>
<tr>
<td></td>
<td>VBC</td>
<td></td>
<td>1120</td>
<td>a@nishimura@gmail.</td>
</tr>
<tr>
<td>Tom Litten</td>
<td>Youth Volleyball</td>
<td>2277 Holokai St</td>
<td>808-281</td>
<td>t@litten</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>8481</td>
<td></td>
</tr>
<tr>
<td>Todd Collecam</td>
<td>Self</td>
<td>392 Ahina Wai Rd</td>
<td></td>
<td><a href="mailto:tc@collecam.com">tc@collecam.com</a></td>
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<tr>
<td>Gafiza  Takamatu</td>
<td>Maui Plaza</td>
<td>705 Kapiolani</td>
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<tr>
<td>Caroline Kudo</td>
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<tr>
<td>Annie Koh</td>
<td>Resident</td>
<td>KUPU</td>
<td></td>
<td><a href="mailto:koh@hawaii.edu">koh@hawaii.edu</a></td>
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<tr>
<td>Wayne Takamatu</td>
<td>CPA</td>
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<tr>
<td>Lisa Mitchell</td>
<td>808 Kedawane</td>
<td>125</td>
<td></td>
<td><a href="mailto:lismitchell@yahoo.com">lismitchell@yahoo.com</a></td>
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<tr>
<td>Ewa Gallager</td>
<td>Resident</td>
<td>RCP 304 2nd Ave.</td>
<td></td>
<td><a href="mailto:evagall@cs.com">evagall@cs.com</a></td>
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<tr>
<td>Kevin Wong</td>
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<td></td>
<td><a href="mailto:kkwong@hawaii.edu">kkwong@hawaii.edu</a></td>
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<tr>
<td>Dianne Dean</td>
<td></td>
<td>880 11th Ave.</td>
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<td><a href="mailto:leikiana@yahoo.com">leikiana@yahoo.com</a></td>
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<tr>
<td>Dru Pang</td>
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<tr>
<td>Daniela Kitinger</td>
<td>Hawaii Prescient Center</td>
<td>244 Hawaii Way St</td>
<td></td>
<td><a href="mailto:kitinger@hawaii-prescient.com">kitinger@hawaii-prescient.com</a></td>
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<tr>
<td>Ries Chinf</td>
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<td>1081 803405</td>
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<td>Dean Ooizakamoto</td>
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<td>Patrick Nightower</td>
<td>Serve &amp; Serve</td>
<td>3030 Heli St.</td>
<td>260-6018</td>
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<tr>
<td>R-Tau Tam</td>
<td>NH621</td>
<td>1001 Kapalama Bld. 1110</td>
<td>98-7940</td>
<td><a href="mailto:rtau611@gmail.com">rtau611@gmail.com</a></td>
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</table>
My memories of the Kaka'ako Makai Parks...

- Sliding down the hill
- Rubbish dump
- Tuna packers' factory
- Fishing boats — why not provide an interpretive signage program to recall Kaka'ako's rich past and for an orientation center at the historic pump station at Kaka'ako's Gateway

Help generate more active uses in the parks?

Facilities for indoor and beach volleyball — not in the green open space!

Creating a dog park? +1 +1

Public Community Centers
- Gyms / Courts
- Basketball / Volleyball / Skateboard

Community Meeting Spaces

Family friendly activity

↑ PARK Activities = ↑ Annual Maintenance (↑ taxes?)}
Outdoor spaces/Places for public use: i.e., park

Support existing water area

Cycle track

Fishing areas

Story telling areas

Sports facilities to promote community & family involvement in environment
How do you use the park?

- We have not been there in years--used to go there for the Discovery Center but now my children are older.
- We go the Children's Disc. Center--but Homeless Camp is a bummer.
  HODA--P.S. Help!
- Bodysurfing, Surfing & Ski, diving, fishing, fireworks, picnics, bicycle, jogging, meetings, picture taking, walks, sunsets, views of Waikiki, surf watching, lunches.
- Walked my dog. However because of homeless I don't do it unless accompanied by a friend.
- Family picnic on oceanfront...watch fireworks.
- Bike ride there on weekends.

- Surf at Kewalo's paint
- Panic
- Bike thru
- Enjoy sunsets
- Peace & quiet between hustle & bustle & HEAT of Town
- COOL OFF!!
- Community for Surfers & Bodysurfers
- Sight See WATCH WAVES check Surf
- Snorkel & Swim
- Picnic
What Challenges would you like to see resolved?

- Homelessness - more active community use may deter the "camping".
- More activities need to be there to attract the public. Or, facilities that people of all ages could enjoy ie: a gym, volleyball courts, etc.
- More family friendly activities and more people at the park to resolve the homeless problem.

Urban (Pedestrian) connectivity is needed! We park is too isolated - it needs a plan that "sticks".

- More family-friendly events are needed to attract community members. Sports facilities for young families promote healthy, active lifestyle.

Maintenance costs will soar with all the activities planned. Who will pay for it?

We need more space - not congestion! We need space to relieve energy, nature, children need space to play.

More Active sports - family gathering area

Youth vs center - training facility

More sanitary conditions for homeless populations.
- Pedestrian connector + biking connector between Ala Moana Beach Park & Kakaako Park.
- Grant "via" across Ala moana for pedestrians & bikes to connect w/ center of park. Needs to be at a shallow grade as wide as a street.
- Retail, restaurants/bars/etc or food wagons to encourage pau hana & weekend use.

Give homeless more jobs. (doing a good job already) but lets do more to get them to take ownership of surroundings w/ dignity.
**Things that I treasure at the Kaka’ako Makai Parks...**

- Great central location - ditto.
- Connection w/the Sea & Surfers - ditto.
- Openess & Views - ditto!
- Place for Families to enjoy - ditto!

**Open space - Green Grass & Trees.**

Our lives are so busy & stressful, condo living does not give us open space & with all the condos being built & the thousands more residents, we need the open space with grass & trees so we can relax & enjoy nature, - ditto!

**ALL OF THE ABOVE**
Things that I treasure –
- at the Makai Parks...

- Great central location
- Opponent & Views
ditto
- Connection w/ the Sea & Surfers
- Open space so kids can explore w/ plants & the ocean
- Dogs & people walking the dog
- Being in nature
- Place to call home
COMMUNITY OPEN HOUSE
Planning Active Use Facilities for the Kaka'ako Makai Parks

You are invited to attend the second series of open house sessions for the planning and revitalization of the Kaka'ako Makai Parks.

The open house will focus on:

• Community feedback to date
• Active use ideas that have been suggested
• Concepts of where active and passive uses interplay with each other and the surrounding landscape

For more information or questions please contact:
Lindsey Doi
Hawai'i Community Development Authority
Compliance Assurance and Community Outreach Officer
lindsey.do@hcdaweb.org

Attend Either Session
Thursday, Oct. 30, 5:30p
Saturday, Nov. 08, 10:00a

Open to the Public
Hawai'i Community Development Authority
The Hawai'i Community Development Authority (HCDA), a State agency established by the State Legislature in 1976, supplements traditional community renewal methods by promoting and coordinating public and private sector community development in urban areas in the State that are in need of timely redevelopment.

The HCDA, in coordination with the Kaimuki Area Redevelopment Agency, designated the Kaka'ako area of Honolulu as the Authority's first Community Development District, recognizing the area's potential for increased growth, development, and economic importance to the State as well as the City.

This project will be undertaken by the HCDA and will include funding from the State, City, Federal, and private sources.

HCDA Office
461 Cooke Street
Honolulu, HI 96813

Join Us Online!
http://kakaakomakaiaparks.mindminder.com

Hawaii Community Development Authority
<table>
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<tr>
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<tr>
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<tr>
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<td>Manoa Neighborhood Board</td>
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<tr>
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<td>808-926-3907</td>
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<tr>
<td>Tom Masterson</td>
<td>Makaq Commodities</td>
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<td><a href="mailto:tom.masterson@hawaii.com">tom.masterson@hawaii.com</a></td>
</tr>
<tr>
<td>Shahin Ansari</td>
<td>H.T. Harvey &amp; Associates</td>
<td></td>
<td>808-926-3907</td>
<td><a href="mailto:sanani@harveyecology.com">sanani@harveyecology.com</a></td>
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<tr>
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<td>michele.honama@culia's.com</td>
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<td>Tom Kauhim</td>
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<tr>
<td>Ron &amp; Jane Wied</td>
<td>H.T. Harvey &amp; Associates</td>
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<tr>
<td>Alexander Takai</td>
<td>CPAC</td>
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<tr>
<td>Maria Richter</td>
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<td></td>
<td>821-1111</td>
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<td>Asian London</td>
<td>Ala Moana Kakehokai</td>
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<td>808-461-2081</td>
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<tr>
<td>Paul Carey</td>
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<td>Tamara Edwards</td>
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<td>Russell Chun</td>
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<tr>
<td>Frank Brandt</td>
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<td>735-1754</td>
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</table>
Rank the top ten active uses you would like to see at the Kaka'ako Makai Parks by putting a number in the box next to the use. 1 = highest priority, 10 = lowest priority.

**FAMILY FRIENDLY**
- giant slide park + light tunnel
- climbing well
- playground + sandbox
- wading pool
- rollerblade rental
- carousel
- kite-flying
- fishing pier
- bali bele Slow motion
- bicycle rental
- outdoor shaded food court

**ADVENTURE**
- skate park
- challenge course
- diving tank
- surf park
- water fall
- rollerblade rental
- bungee jumping
- wind turbine
- green roofs
- beer of the month
- FLAT OPEN SPACE
- lawn bowling
- croquet
- frisbee golf
- ultimate frisbee
- giant chess
- Quidditch
- dog park + agility course
- hockey rink

**ECO-VILLAGE/MODERN AHUPO'A**
- community center
- community garden
- farm-to-table café
- farmers market
- water fall
- wind turbines
- green houses
- farmers market
- beer of the month
- FLAT OPEN SPACE
- lawn bowling
- croquet
- frisbee golf
- ultimate frisbee
- giant chess
- Quidditch
- dog park + agility course
- interactive water jets

**MONTHLY EVENTS**
- storytelling
- scavenger hunt
- outdoor movie
- concert
- cooking/pickling class
- artist studio tour
- intermarial games
- farmers market
- beer of the month
- THE STUDIOS
- collaboration lab
- fine arts studies
- music studios
- dance studios
- frisbee golf
- photography studios
- PONO WOAH HAWAII
- lessons + classes
- musical art

Additional comments:

Less emphasis on "court" sports that allocate quite a bit of space to quite a few people.

Play equipment for kids, taking advantage of topography.

Food/concessions

Programming and events plus some community places informed to some extent by CTBA's developing plans (e.g., "modern ahu'poo'a").
**Rank the top ten uses you would like to see at the Kaka'ako Makai Parks by putting a number in the box next to the use. 1 = highest priority, 10 = lowest priority.**

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<td>1. skateboard</td>
<td>1. community center</td>
<td>1. storytelling</td>
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<tr>
<td>2. giant slide park + light tunnel</td>
<td>2. and skateboard</td>
<td>2. community garden</td>
<td>2. scavenger hunt</td>
</tr>
<tr>
<td>3. playground + sandbox</td>
<td>3. climbing wall</td>
<td>3. farm-to-table cafe</td>
<td>3. outdoor movie</td>
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<tr>
<td>4. water park</td>
<td>4. tall</td>
<td>4. farmers market</td>
<td>4. outdoor concert</td>
</tr>
<tr>
<td>5. zip-line</td>
<td>5. zip-line</td>
<td>5. fly-fishing</td>
<td>5. cooking/pickling class</td>
</tr>
<tr>
<td>6. flying plume</td>
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<td>6. fly-fishing</td>
<td>6. artist studio tour</td>
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<tr>
<td>7. fishing pier</td>
<td>7. fishing pier</td>
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<tr>
<td>8. kites</td>
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<td>9. beer of the Month</td>
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<td>10. beach</td>
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**The Studios**

1. collaboration lab
2. fine arts studios
3. music studios
4. dance studios
5. photography studios
6. Pow Wow Hawaii
7. lessons + classes
8. musical art
9. interactive water jets
10. light display

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7. lessons + classes
8. musical art
9. interactive water jets
10. light display

**Additional comments:**

As an artist, I've watched venues for creation and display of art. I would love to see artist studio work space, pavilion or building where artists can work in proximity to each other and have contact with the public. I would like to participate in discussions on the development of such a space.

Jackie M. Lam
sculpture@hand@gmail.com
Rank the top ten active uses you would like to see at the Kaka'ako Makai Parks by putting a number in the box next to the use. 1 = highest priority, 10 = lowest priority.

### FAMILY FRIENDLY
- Giant slide park + light tunnel
- Climbing wall
- Playground + sandbox
- Waterfall
- Rollerblade rental
- Carousel
- Zip-lining
- Fishing pier
- Keiki choo-choo
- Bicycle rental
- Outdoor shaded food court

### SPORTS FACILITIES
- Workout stations
- Basketball
- Volleyball
- Baseball
- Soccer
- Yoga
- Dog park + agility course
- Hockey rink

### ADVENTURE
- Giant slide park + light tunnel
- Challenge course
- Surf park
- Skydiving wind tunnel
- Bungee jumping
- Trampoline park
- Zip-lining
- Hydroponics greenhouse
- Learning garden
- Zero waste composting
- Beekeeping
- Stormwater collection
- Recycled water irrigation
- Beer garden
- Amphitheater
- Semi-permanent themed food trucks
- Light display (illuminage)
- Interactive water jets

### MONTHLY EVENTS
- Storytelling
- Scavenger hunt
- Outdoor movie
- Farm-to-table café
- Outdoor concert
- Cooking/pickling class
- Art studio tour
- Infrasonic games
- Barn market
- Beer of the Month

### ECO-VILLAGE/MODERN AMENITIES
- Community center
- Outdoor pool
- Outdoor movie
- Farm-to-table café
- Farmers market
- Kaka'ako Makai Model
- Wind turbine
- Energy-generating bikes
- Hydroponics greenhouse
- Learning garden
- Zero waste composting
- Beekeeping
- Stormwater collection
- Recycled water irrigation
- Beer garden
- Amphitheater
- Semi-permanent themed food trucks
- Light display (illuminage)
- Interactive water jets

### ADDITIONAL COMMENTS:

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Kaka'ako Makai Parks | Open House
Flood control/tsunami inundation mitigation techniques should be integrated into the park facilities, structures/activities as a challenge to showcase techniques.

Pet bridge between Waterfront Park and Kewalo Basin needs to consider engineering costs and realism. While it may be attractive to community, it needs to be realistic and achievable. Are there other options to achieve the same result?

How would the Presidential Center connect w/ the educational (Jescom/cancer center) and other nuclear area uses/activities (COTA/KS uses/programs)? Needs to be integrated.
Rank the top ten active uses you would like to see at the Kaka‘ako Makai Parks by putting a number in the box next to the use. 1 = highest priority, 10 = lowest priority.

1. Please review the possible use diagrams at this station and circle which you most prefer.

A. Family Friendly Theme
B. Sports Theme
C. Entertainment Theme
D. Adventure Theme
E. Sustainability Theme

2. Are there certain elements from the different use diagrams you would like to see combined?

3. Do you have any additional comments?

Kaka‘ako Makai Parks | Active Use Facilities | Open House

Conclusion: The daytime active uses with night-time uses allows for maximum potential benefit to various users.
1. Please review the possible use diagrams at this station and circle which you most prefer.

   A. Family Friendly Theme
   B. Sports Theme
   C. Entertainment Theme
   D. Adventure Theme
   E. Sustainability Theme

2. Are there certain elements from the different use diagrams you would like to see combined?

   A, C, E

3. Do you have any additional comments?

   Light Park at Kahaluu
<table>
<thead>
<tr>
<th>Name</th>
<th>Organization</th>
<th>Mailing Address</th>
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<tr>
<td>Liberty Braila</td>
<td></td>
<td>2350 Volc St.</td>
<td>352-856-8</td>
<td><a href="mailto:lcbraith@hawaii.com">lcbraith@hawaii.com</a></td>
</tr>
<tr>
<td>Amanda Curtis</td>
<td></td>
<td>70 Boy 7555</td>
<td></td>
<td><a href="mailto:seafood4u@aol.com">seafood4u@aol.com</a></td>
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<tr>
<td>Lehua Kauhane</td>
<td></td>
<td>Kalama, HI 96742</td>
<td></td>
<td><a href="mailto:lehua@hawaii.com">lehua@hawaii.com</a></td>
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<tr>
<td>Glenn Hong</td>
<td></td>
<td>90 Sx 3288</td>
<td>593-9353</td>
<td><a href="mailto:ghong@hawaii.com">ghong@hawaii.com</a></td>
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<tr>
<td>Kawi Salzman</td>
<td></td>
<td>803 14th Ave</td>
<td></td>
<td><a href="mailto:kawai.salzman@gmail.com">kawai.salzman@gmail.com</a></td>
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<tr>
<td>Diane Pang</td>
<td></td>
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<td></td>
<td><a href="mailto:dpang4@gmail.com">dpang4@gmail.com</a></td>
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<tr>
<td>Vicki Smith</td>
<td>GAS</td>
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<td>411-1109</td>
<td><a href="mailto:vicsmith.north@hawaii.com">vicsmith.north@hawaii.com</a></td>
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<tr>
<td>Lynne Hamesaka</td>
<td>GAS</td>
<td></td>
<td>714-7443</td>
<td>ln hamesaka @ hawaii.com</td>
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<td>Kalani Makaeku-Whittaker</td>
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<td><a href="mailto:makeaku@gmail.com">makeaku@gmail.com</a></td>
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<td>Iau N. Greene</td>
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<tr>
<td>Shirelenc D. Oshav</td>
<td></td>
<td></td>
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<tr>
<td>Kimo Tuyan</td>
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<td>1800 Kauluwela St</td>
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<td>Will Gauntan</td>
<td></td>
<td>2047 Kakela Dr</td>
<td>285-8077</td>
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<tr>
<td>Jeff Smith</td>
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<td>91-1105 Kauluwela St</td>
<td>286-2883</td>
<td><a href="mailto:jsmith808@gmail.com">jsmith808@gmail.com</a></td>
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<tr>
<td>Raul Aquino</td>
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<td>91-1008 Waimanu Pl</td>
<td>808-589-706</td>
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<tr>
<td>Jason Selley</td>
<td></td>
<td>153-137 Ave</td>
<td>276-9430</td>
<td><a href="mailto:jselley@workshop67.com">jselley@workshop67.com</a></td>
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<td>Kelly Berganio</td>
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<td>Brandon Abov</td>
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<td><a href="mailto:brandon@streetgrit.com">brandon@streetgrit.com</a></td>
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<td>Stelle &amp; David Tavares</td>
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<td><a href="mailto:felavocchi@yahoo.com">felavocchi@yahoo.com</a></td>
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<td>Kristi Greene</td>
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<td>Shannon Cristoala</td>
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<td>1170 Aiea Dr.</td>
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Rank the top ten active uses you would like to see at the Kaka’ako Makai Parks by putting a number in the box next to the use. 1 = highest priority, 10 = lowest priority.

<table>
<thead>
<tr>
<th>FAMILY FRIENDLY</th>
<th>ADVENTURE</th>
<th>ECO-VILLAGE/MODERN AUPUA'A</th>
<th>MONTHLY EVENTS</th>
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<td>giant slide park + light tunnel</td>
<td>skate park</td>
<td>community center</td>
<td>storytelling</td>
</tr>
<tr>
<td>climbing wall</td>
<td>challenge course</td>
<td>community garden</td>
<td>scavenger hunt</td>
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<tr>
<td>playground + sandbox</td>
<td>diving tank</td>
<td>farmers market</td>
<td>outdoor movie</td>
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<td>waterfall</td>
<td>surf park</td>
<td>farmers market</td>
<td>outdoor concert</td>
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<td>skydiving wind tunnel</td>
<td>Fishpond + pay-to-fish</td>
<td>cooking/pickling class</td>
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<td>scissors</td>
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<td>trampoline park</td>
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<td>FLAT, OPEN SPACE</td>
<td>hydroponics greenhouse</td>
<td>Beer of the Month</td>
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<tr>
<td>bicycle rental</td>
<td>lawn bowling</td>
<td>learning garden</td>
<td>THE STUDIOS</td>
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<tr>
<td>outdoor shaded food court</td>
<td>bocce</td>
<td>zero-waste composting</td>
<td>collaboration lab</td>
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<td>mini-golf</td>
<td>beekeeping</td>
<td>fine arts studio</td>
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<td>Quidditch</td>
<td>lessons + classes</td>
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<td>hockey rink</td>
<td>hockey rink</td>
<td>interactive water jets</td>
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Additional comments:

Kaka’ako Makai Parks | Open House
Rank the top ten active uses you would like to see at the Kaka'ako Makai Parks by putting a number in the box next to the use. 1 = highest priority, 10 = lowest priority.

**FAMILY FRIENDLY**
- giant slide park + light tunnel
- playground + sandbox
- water fall
- rollerblade rental
- bocce
- bowling
- croquet
- frisbee golf
- badminton
- table tennis
- giant chess
- Quidditch

**ADVENTURE**
- skate park
- challenge course
- surfing
- skate park
- skydiving
- bungee jumping
- zip-line
- FLAT, OPEN SPACE
- zero waste composting
- beekeeping
- storm water collection
- recycled water irrigation
- beer garden
- amphitheater
- semi-permanent themed food trucks
- light display (illuminage)
- interactive water jets

**ECO-VILLAGE/MODERN AHUPUA'A**
- community center
- community garden
- farm-to-table café
- farmers market
- fishing piers + pay-to-fish
- Hawaii Island Model
- wind turbine
- energy generating bilks
- hydroponics greenhouse
- learning garden
- collaboration lab
- fine arts studios
- music studios
- dance studios
- photography studio
- beer garden
- amphitheater
- semi-permanent themed food trucks
- light display (illuminage)
- interactive water jets

**MONTHLY EVENTS**
- storytelling
- scavenger hunt
- outdoor movie
- outdoor concert
- cooking/pickling class
- artist studio tour
- intramural games
- farmers market
- Beer of the Month
- lawn bowling
- mini golf
- croquet
- frisbee golf
- ultimate frisbee
- badminton
- giant chess
- Quidditch

**THE STUDIOS**
- collaboration lab
- fine arts studios
- music studios
- dance studios
- photography studio
- beer garden
- amphitheater
- semi-permanent themed food trucks
- light display (illuminage)
- interactive water jets

Additional comments:
### Rank the top ten uses you would like to see at the Kaka'ako Makai Parks by putting a number in the box next to the use. 1 = highest priority, 10 = lowest priority.

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</table>
Rank the top ten active uses you would like to see at the Kaka'ako Makai Parks by putting a number in the box next to the use. 1 = highest priority, 10 = lowest priority.

**FAMILY FRIENDLY**
- Giant slide park + light tunnel
  - Adventure: Skat park
  - ECO-VILLAGE/MODERN AHUPUA'A: Community center
  - Monthly Events: Storytelling

**ADVENTURE**
- Challenge course
- Surf park
- Scavenger hunt
- Outdoor movie
- Outdoor concert

**ECO-VILLAGE/MODERN AHUPUA'A**
- Community garden
- Farm-to-table cafe
- Cooking/pickling class
- Artist studio tour
- Intramural games

**MONTHLY EVENTS**
- Surf park
- Skydiving wind tunnel
- Bungee jumping
- Zip-lining
- Energy-generating bises
- Hydroponics greenhouse
- Learning garden
- Zero-waste composting
- Beekeeping
- Stormwater collection
- Recycled water irrigation

**THE STUDIOS**
- Collaboration lab
- Fine art studios
- Music studios
- Dance studios
- Photography studios
- POM-WOW! HAWAII
- Lessons + classes
- Musical art

Additional comments:

Aquaponics for a portion of the gardens.
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<td>Polynesian wind tunnel</td>
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<td>transcendental park</td>
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<td>hydroponics greenhouse</td>
<td>Beer of the Month</td>
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<td>9 baseball</td>
<td>giant chess</td>
<td>recycled water irrigation</td>
<td>photography studios</td>
</tr>
<tr>
<td>yoga</td>
<td>Quidditch</td>
<td>beer garden</td>
<td>POW WOW! HAWAII</td>
</tr>
<tr>
<td>6 dog park + agility course</td>
<td>light display (illumina)</td>
<td>entertainment</td>
<td>Lessons + Classes</td>
</tr>
<tr>
<td>8 frisbee</td>
<td>light display (illumina)</td>
<td>eco-village/modern ahu'au'a'</td>
<td>eco-village/modern ahu'au'a'</td>
</tr>
<tr>
<td>9 hockey rink</td>
<td>light display (illumina)</td>
<td>eco-village/modern ahu'au'a'</td>
<td>eco-village/modern ahu'au'a'</td>
</tr>
<tr>
<td>9 interactive water jets</td>
<td>light display (illumina)</td>
<td>eco-village/modern ahu'au'a'</td>
<td>eco-village/modern ahu'au'a'</td>
</tr>
</tbody>
</table>

Additional comments:

Indoor Volleyball Facility.
Rank the top ten active uses you would like to see at the Kakaʻako Makai Parks by putting a number in the box next to the use. 1 = highest priority, 10 = lowest priority.

FAMILY FRIENDLY
1. Giant slide park + light tunnel
2. Climbing wall
3. Playground + sandbox
4. Waterfall
5. Rollerblade rental
6. Snow shoe rental
7. Bike riding
8. Fishing pier
9. Flea market
10. Outdoor shaded food court

SPORTS FACILITIES
1. Softball
2. Soccer
3. Yoga
4. Dog park + agility course
5. Hockey rink
6. Bondi Beach
7. Surfing
8. Ultimate frisbee
9. Giant chess
10. Quidditch

ADVENTURE
1. Skate park
2. Challenge course
3. Surfing
4. Skydiving wind tunnel
5. Bungee jumping
6. Zip-lining
7. Flat, open space
8. Lawn bowling
9. Boocce
10. Mini-golf

ECO-VILLAGE/ MODERN AHUAPUA'A
1. Community center
2. Farm-to-table cafe
3. Farmers market
4. Hale Pono + pay-to-fly
5. Hawaii Island Model
6. Wind turbine
7. Energy-generating bikes
8. Hydroponics greenhouse
9. Learning garden
10. Zero-waste composting

MONTHLY EVENTS
1. Storytelling
2. Scavenger hunt
3. Outdoor movie
4. Outdoor concert
5. Cooking/pickling class
6. Artist studio tour
7. Intramural games
8. Beer and the Month
9. Collaboration lab
10. Fine arts studios

THE STUDIOS
1. Lab
2. Music studios
3. Dance studios
4. Photography studios
5. Lessons + classes
6. Musical art

Additional comments:

Hawaii can be a mecca for sports and volleyball is a perfect location. The quality of volleyball coming out of Hawaii is not that good competitive needs to be supported. Kakaako park is a perfect location to incorporate community centered sports.
Rank the top ten active uses you would like to see at the Kaka'ako Makai Parks by putting a number in the box next to the use. 1 = highest priority, 10 = lowest priority.

**FAMILY FRIENDLY**
- giant slide park + light tunnel
- playground + sandbox
- waterfall
- rollerblade rental
- soccer
- dog park + agility course
- yoga
- dogpark + agility course
- frisbee golf
- frisbee golf
- ultimate frisbee
- badminton
- balance beam
- volleyball
- beach tennis
- soccer
- frisbee golf

**ADVENTURE**
- skate park
- challenge course
- surfing
- bungee jumping
- trampoline park
- zip-lining
- FLAT, OPEN SPACE
- lawn bowling
- boxe
- mini-golf
- frisbee golf
- ultimate frisbee
- badminton
- frisbee golf
- boxe

**ECO-VILLAGE/MODERN AHU'UA'A**
- community center
- community garden
- farm-to-table cafe
- farmers market
- waterfall
- skydiving wind tunnel
- bungee jumping
- trampoline park
- zip-lining
- hydroponics greenhouse
- learning garden
- zero-waste composting
- beekeeping
- stormwater collection
- recycled water irrigation
- beer garden
- amphitheater
- semi-permanent themed food trucks
- light display (Blumineage)
- interactive water jets

**MONTHLY EVENTS**
- storytelling
- scavenger hunt
- outdoor movie
- outdoor concert
- cooking/pickling class
- artist studio tour
- intramural games
- farmers market
- ala moana
- ala moana
- bicycle rental
- outdoor shaded food court
- outdoor shaded food court
- fine arts studios
- dance studios
- frisbee golf
- ultimate frisbee
- badminton
- frisbee golf
- boxe

**SPORTS FACILITIES**
- workout stations
- basketball
- volleyball
- soccer
- frisbee golf
- ultimate frisbee
- badminton
- frisbee golf
- boxe
- mini-golf
- frisbee golf
- boxe
- mini-golf
- frisbee golf
- boxe

**ENTERTAINMENT**
- beer garden
- amphitheater
- semi-permanent themed food trucks
- light display (Blumineage)
- interactive water jets

**THE STUDIOS**
- collaboration lab
- fine arts studios
- music studios
- dance studios
- frisbee golf
- ultimate frisbee
- badminton
- frisbee golf
- boxe

**ADDITIONAL COMMENTS:**

Kaka'ako Makai Parks | Open House

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**FAMILY FRIENDLY**
- giant slide park + light tunnel
- playground + sandbox
- waterfall
- rollerblade rental
- soccer
- dog park + agility course
- yoga
- dogpark + agility course
- frisbee golf
- frisbee golf
- ultimate frisbee
- badminton
- balance beam
- volleyball
- beach tennis
- soccer
- frisbee golf

**ADVENTURE**
- skate park
- challenge course
- surfing
- bungee jumping
- trampoline park
- zip-lining
- FLAT, OPEN SPACE
- lawn bowling
- boxe
- mini-golf
- frisbee golf
- ultimate frisbee
- badminton
- frisbee golf
- boxe

**ECO-VILLAGE/MODERN AHU'UA'A**
- community center
- community garden
- farm-to-table cafe
- farmers market
- waterfall
- skydiving wind tunnel
- bungee jumping
- trampoline park
- zip-lining
- hydroponics greenhouse
- learning garden
- zero-waste composting
- beekeeping
- stormwater collection
- recycled water irrigation
- beer garden
- amphitheater
- semi-permanent themed food trucks
- light display (Blumineage)
- interactive water jets

**MONTHLY EVENTS**
- storytelling
- scavenger hunt
- outdoor movie
- outdoor concert
- cooking/pickling class
- artist studio tour
- intramural games
- farmers market
- ala moana
- ala moana
- bicycle rental
- outdoor shaded food court
- outdoor shaded food court
- fine arts studios
- dance studios
- frisbee golf
- ultimate frisbee
- badminton
- frisbee golf
- boxe

**SPORTS FACILITIES**
- workout stations
- basketball
- volleyball
- soccer
- frisbee golf
- ultimate frisbee
- badminton
- frisbee golf
- boxe
- mini-golf
- frisbee golf
- boxe
- mini-golf
- frisbee golf
- boxe

**ENTERTAINMENT**
- beer garden
- amphitheater
- semi-permanent themed food trucks
- light display (Blumineage)
- interactive water jets

**THE STUDIOS**
- collaboration lab
- fine arts studios
- music studios
- dance studios
- frisbee golf
- ultimate frisbee
- badminton
- frisbee golf
- boxe

**ADDITIONAL COMMENTS:**

Kaka'ako Makai Parks | Open House
Rank the top ten active uses you would like to see at the Kaka'ako Makai Parks by putting a number in the box next to the use. 1 = highest priority, 10 = lowest priority.

**FAMILY FRIENDLY**
- giant slide park + light tunnel
- playground + sandbox
- waterfall
- rollerblade rental
- bungee jumping
- tranpooline park
- zip-lining
- PLAT, OPEN SPACE
- soccer
- basketball
- baseball
- yoga
- Giant Slide Park + Agility Course
- Dog Park + Agility Course
- Small Slide Park + Light Tunnel
- Challenge Course
- Surf Park
- Skydiving Wind Tunnel
- Bungee Jumping
- Trampoline Park
- Zip-Lining
- PLAT, OPEN SPACE
- Storytelling
- Scavenger Hunt
- Outdoor Movie
- Outdoor Concert
- Cooking/Picking Class
- Artist Studio Tour
- Beach Volleyball
- Beach Frisbee
- Beach Tennis
- Giant Chess
- Quidditch
- Interactive Water Jets
- Musical Art

**ADVENTURE**

**ECO-VILLAGE/MODERN AMPUUA'A**

**MONTHLY EVENTS**

**ADVENTURE**

**ECO-VILLAGE/MODERN AMPUUA'A**

**MONTHLY EVENTS**

**ADDITIONAL COMMENTS**

Kaka'ako Makai Parks | Open House
Rank the top 10 active uses you would like to see at the Kaka'ako Makai Parks by putting a number in the box next to the use. 1 = highest priority, 10 = lowest priority.

<table>
<thead>
<tr>
<th>FAMILY FRIENDLY</th>
<th>ADVENTURE</th>
<th>ECO-VILLAGE/MODERN AHUPUA'A</th>
<th>MONTHLY EVENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>giant slide park + light tunnel</td>
<td>skate park</td>
<td>community center</td>
<td>storytelling</td>
</tr>
<tr>
<td>climbing wall</td>
<td>challenge course</td>
<td>community garden</td>
<td>scavenger hunt</td>
</tr>
<tr>
<td>playground + sandbox</td>
<td>diving tank</td>
<td>farm-to-table café</td>
<td>outdoor movie</td>
</tr>
<tr>
<td>waterfall</td>
<td>surf park</td>
<td>farmers market</td>
<td>outdoor concert</td>
</tr>
<tr>
<td>rollerblade rental</td>
<td>skydiving wind tunnel</td>
<td>flatpond + pay-to-fish</td>
<td>cooking/pickling class</td>
</tr>
<tr>
<td>carousel</td>
<td>bungee jumping</td>
<td>hawai’i island model</td>
<td>artist studio tour</td>
</tr>
<tr>
<td>kite flying</td>
<td>trampoline park</td>
<td>wind turbine</td>
<td>interstellar games</td>
</tr>
<tr>
<td>fishing pier</td>
<td>zip-lining</td>
<td>energy-generating bikes</td>
<td>farmers market</td>
</tr>
<tr>
<td>ukulele chau chau</td>
<td>FLAT, OPEN SPACE</td>
<td>hydroponics greenhouse</td>
<td>Beer of the Month</td>
</tr>
<tr>
<td>bicycle rental</td>
<td>lawn bowling</td>
<td>learning garden</td>
<td>THE STUDIOS</td>
</tr>
<tr>
<td>outdoor shaded food court</td>
<td>bocce</td>
<td>zero-waste composting</td>
<td>collaboration lab</td>
</tr>
<tr>
<td></td>
<td>mini-golf</td>
<td>beekeeping</td>
<td>fine arts studios</td>
</tr>
<tr>
<td></td>
<td>croquet</td>
<td>stormwater collection</td>
<td>music studios</td>
</tr>
<tr>
<td></td>
<td></td>
<td>recycled water irrigation</td>
<td>dance studios</td>
</tr>
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<td></td>
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<td>entertainment</td>
<td>photography studios</td>
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<tr>
<td></td>
<td></td>
<td>beer garden</td>
<td>POW WOW! HAWAII</td>
</tr>
<tr>
<td></td>
<td></td>
<td>amphitheater</td>
<td>lessons + classes</td>
</tr>
<tr>
<td></td>
<td></td>
<td>semi-permanent themed food trucks</td>
<td>musical art</td>
</tr>
<tr>
<td></td>
<td></td>
<td>light display (illuminage)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>interactive water jets</td>
<td></td>
</tr>
</tbody>
</table>

Additional comments:

Kaka'ako Makai Parks | Open House
**Rank the top ten active uses you would like to see at the Kalaʻikaua Makai Parks by putting a number in the box next to the use. 1 = highest priority, 10 = lowest priority.**

<table>
<thead>
<tr>
<th>FAMILY FRIENDLY</th>
<th>ADVENTURE</th>
<th>ECO-VILLAGE/MODERN AHUKAWA</th>
<th>MONTHLY EVENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>giant slide park + light tunnel</td>
<td>skate park</td>
<td>community center</td>
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<tr>
<td>climbing wall</td>
<td>challenge course</td>
<td>community garden</td>
<td>scavenger hunt</td>
</tr>
<tr>
<td>playground + sandbox</td>
<td>surfing</td>
<td>farm-to-table café</td>
<td>outdoor movie</td>
</tr>
<tr>
<td>waterfall</td>
<td>skydiving wind tunnel</td>
<td>fishing</td>
<td>outdoor concert</td>
</tr>
<tr>
<td>rollerblade rental</td>
<td>bungee jumping</td>
<td>farmers market</td>
<td>cooking/pickling class</td>
</tr>
<tr>
<td>carousel</td>
<td>trampoline park</td>
<td>Watson</td>
<td>artist studio tour</td>
</tr>
<tr>
<td>kite-flying</td>
<td>zip-lining</td>
<td>extreme sports</td>
<td>intramural games</td>
</tr>
<tr>
<td>lai liuli choo-choo</td>
<td>flat, open space</td>
<td>Hawaii Island</td>
<td>beer of the month</td>
</tr>
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</table>

**THE STROKES**

<table>
<thead>
<tr>
<th>family friendly</th>
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<th>eco-village/modern ahukawa</th>
<th>monthly events</th>
</tr>
</thead>
<tbody>
<tr>
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<td>bicycle rental</td>
<td>lawn bowling</td>
<td>learning garden</td>
<td>zero waste composting</td>
</tr>
<tr>
<td>outdoor shaded food court</td>
<td>bocce</td>
<td>collaboration lab</td>
<td>collaboration lab</td>
</tr>
</tbody>
</table>

**SPORTS FACILITIES**

<table>
<thead>
<tr>
<th>family friendly</th>
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<th>monthly events</th>
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<td>beer of the month</td>
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<td>bicycle rental</td>
<td>lawn bowling</td>
<td>learning garden</td>
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<tr>
<td>outdoor shaded food court</td>
<td>bocce</td>
<td>collaboration lab</td>
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</tr>
</tbody>
</table>

**ADDITIONAL COMMENTS:**

"Additional comments:"
Rank the **top ten** active uses you would like to see at the Kaka'ako Makai Parks by putting a number in the box next to the use. 1 = highest priority, 10 = lowest priority.

<table>
<thead>
<tr>
<th>FAMILY FRIENDLY</th>
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<th>ECO-VILLAGE/MODERN AHUPUA'A</th>
<th>MONTHLY EVENTS</th>
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<tr>
<td>giant slide part + light tunnel</td>
<td>skate park</td>
<td>community center</td>
<td>storytelling</td>
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<tr>
<td>9</td>
<td>challenge course</td>
<td>community garden</td>
<td>scavenger hunt</td>
</tr>
<tr>
<td>climbing wall</td>
<td>diving tank</td>
<td>farm-to-table café</td>
<td>outdoor movie</td>
</tr>
<tr>
<td></td>
<td>surf park</td>
<td>farmers market</td>
<td>outdoor concert</td>
</tr>
<tr>
<td>playground + sandbox</td>
<td>skydiving wind tunnel</td>
<td>fishpond + pay-to-fish</td>
<td>cooking/pickling class</td>
</tr>
<tr>
<td>waterfall</td>
<td>bungee jumping</td>
<td>Hawaii Island Model</td>
<td>artist studio tour</td>
</tr>
<tr>
<td>rollerblade rental</td>
<td>wind turbine</td>
<td>intertural games</td>
<td>internaral games</td>
</tr>
<tr>
<td>carousel</td>
<td>energy-generating bikes</td>
<td>farmers market</td>
<td>wind turbine</td>
</tr>
<tr>
<td>kite-flying</td>
<td>hydroponics greenhouse</td>
<td>Beer of the Month</td>
<td>energy-generating bikes</td>
</tr>
<tr>
<td>fishing pier</td>
<td>learning garden</td>
<td>Beer of the Month</td>
<td>hydroponics greenhouse</td>
</tr>
<tr>
<td>clip-lining</td>
<td>zero-waste composting</td>
<td>Beer of the Month</td>
<td>learning garden</td>
</tr>
<tr>
<td>flat, open space</td>
<td>beekeeping</td>
<td>Beer of the Month</td>
<td>zero-waste composting</td>
</tr>
<tr>
<td>ballet court</td>
<td>stormwater collection</td>
<td>Beer of the Month</td>
<td>beekeeping</td>
</tr>
<tr>
<td>bowling</td>
<td>recycled water irrigation</td>
<td>Beer of the Month</td>
<td>stormwater collection</td>
</tr>
<tr>
<td>lawn bowling</td>
<td>beekeeping</td>
<td>Beer of the Month</td>
<td>recycled water irrigation</td>
</tr>
<tr>
<td>soccer</td>
<td>photography studios</td>
<td>Beer of the Month</td>
<td>photography studios</td>
</tr>
<tr>
<td>baseball</td>
<td>dance studios</td>
<td>Beer of the Month</td>
<td>dance studios</td>
</tr>
<tr>
<td>frisbee</td>
<td>frisbee golf</td>
<td>Beer of the Month</td>
<td>frisbee golf</td>
</tr>
<tr>
<td>baseball</td>
<td>ultimate frisbee</td>
<td>Beer of the Month</td>
<td>ultimate frisbee</td>
</tr>
<tr>
<td>frisbee</td>
<td>photography studios</td>
<td>Beer of the Month</td>
<td>photography studios</td>
</tr>
<tr>
<td>frisbee</td>
<td>POW WOW! HAWAII</td>
<td>Beer of the Month</td>
<td>POW WOW! HAWAII</td>
</tr>
<tr>
<td>frisbee</td>
<td>lessons + classes</td>
<td>Beer of the Month</td>
<td>lessons + classes</td>
</tr>
<tr>
<td>frisbee</td>
<td>interactive water jets</td>
<td>Beer of the Month</td>
<td>interactive water jets</td>
</tr>
<tr>
<td>frisbee</td>
<td>hockey rink</td>
<td>Beer of the Month</td>
<td>hockey rink</td>
</tr>
</tbody>
</table>

Additional comments:

Kaka'ako Makai Parks | Open House
Rank the top ten active uses you would like to see at the Kaka'ako Makai Parks by putting a number in the box next to the use. 1 = highest priority, 10 = lowest priority.

**FAMILY FRIENDLY**
- Giant slide park + light tunnel
- Play area
- Playground + sandbox
- Waterfall
- Rollerblade rental
- Carousel
- Bungee jumping
- Transpontine park
- Fishing pier
- Lesuili choo-choo
- Flat, Open Space
- Outdoor shaded food court
- Bocce
- Mini-golf
- Croquet
- Frisbee golf
- Ultimate frisbee
- Badminton
- Giant chess
- Quidditch
- Dog park + agility course
- Hockey rink
- Basketball
- Volleyball
- Soccer
- Yoga

**ADVENTURE**
- Skate park
- Challenge course
- Surfing
- Skiing
- Skydiving
- Wind tunnel
- Bungee jumping
- Zip-lining
- Flat, Open Space
- Bicycle rental
- Zero-waste composting
- Beekeeping
- Stormwater collection
- Recycled water irrigation
- Beer garden
- Amphitheater
- Semi-permanent themed food trucks
- Light display (Blumineage)
- Interactive water jets

**ECO-VILLAGE/MODERN AHUPUA'A**
- Community center
- Community garden
- Farm-to-table café
- Farmers market
- Fishpond + pay-to-fish
- Waimea Island Model
- Wind turbine
- Energy-generating bikes
- Hydroponics greenhouse
- Learning garden
- Collaboration lab
- Music studios
- Dance studios
- Beer garden
- Amphitheater
- Semi-permanent themed food trucks
- Light display (Blumineage)
- Interactive water jets

**MONTHLY EVENTS**
- Storytelling
- Scavenger hunt
- Outdoor movie
- Outdoor concert
- Cooking/pickling class
- Artist studio tour
- Intramural games
- Farmers market
- Beer of the Month
- Outdoor shaded food court
- Recycled water irrigation
- Beer garden
- Zero-waste composting
- Beekeeping
- Stormwater collection
- Music studios
- Dance studios
- Beer garden
- Amphitheater
- Semi-permanent themed food trucks
- Light display (Blumineage)
- Interactive water jets

**ADDITIONAL COMMENTS:**

Kaka'ako Makai Parks | Open House
### Rank the top ten active uses you would like to see at the Kaka'ako Makai Parks by putting a number in the box next to the use. 1 = highest priority, 10 = lowest priority.

<table>
<thead>
<tr>
<th>FAMILY FRIENDLY</th>
<th>ADVENTURE</th>
<th>ECO-VILLAGE/MODERN AHUPUA'A</th>
<th>MONTHLY EVENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>giant slide park + light tunnel</td>
<td>skate park</td>
<td>community center</td>
<td>storytelling</td>
</tr>
<tr>
<td>climbing wall</td>
<td>challenge course</td>
<td>community garden</td>
<td>scavenger hunt</td>
</tr>
<tr>
<td>playground + sandbox</td>
<td>farming course</td>
<td>farm-to-table café</td>
<td>outdoor movie</td>
</tr>
<tr>
<td>waterfall</td>
<td>surfing</td>
<td>farmers market</td>
<td>outdoor concert</td>
</tr>
<tr>
<td>rollerblade rental</td>
<td>skydiving wind tunnel</td>
<td>hawaii island model</td>
<td>cooking/pickling class</td>
</tr>
<tr>
<td>carousel</td>
<td>bungee jumping</td>
<td>wind turbine</td>
<td>artist studio tour</td>
</tr>
<tr>
<td>kite flying</td>
<td>trampoline jumping</td>
<td>intramural games</td>
<td>intramural games</td>
</tr>
<tr>
<td>fishing pier</td>
<td>flip-flying</td>
<td>farmers market</td>
<td>basketball</td>
</tr>
<tr>
<td>keiki cho-cho</td>
<td>FLAT, OPEN SPACE</td>
<td>beer of the month</td>
<td>football</td>
</tr>
<tr>
<td>bicycle rental</td>
<td>lawn bowling</td>
<td>THE STUDIOS</td>
<td>basketball</td>
</tr>
<tr>
<td>outdoor shaded food court</td>
<td>bocce</td>
<td>collaboration lab</td>
<td>fencing</td>
</tr>
<tr>
<td>SPORTS FACILITIES</td>
<td>mini-golf</td>
<td>fine arts studios</td>
<td>baseball</td>
</tr>
<tr>
<td>workout stations</td>
<td>croquet</td>
<td>music studios</td>
<td>soccer</td>
</tr>
<tr>
<td>basketball</td>
<td>ultimate frisbee</td>
<td>dance studios</td>
<td>volleyball</td>
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<td>beach volleyball</td>
<td>frisbee golf</td>
<td>Frisbee golf</td>
<td>Taekwondo</td>
</tr>
<tr>
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<td>photography studios</td>
<td>ultimate frisbee</td>
<td>hockey</td>
</tr>
<tr>
<td>volleyball</td>
<td>Pow Wow Hawaii</td>
<td>badminton</td>
<td>futsal</td>
</tr>
<tr>
<td><strong>soccer</strong></td>
<td>Pow Wow Hawaii</td>
<td>giant chess</td>
<td>Euro Street Hockey</td>
</tr>
<tr>
<td><strong>volleyball</strong></td>
<td>Pow Wow Hawaii</td>
<td>Quidditch</td>
<td>Euro Street Hockey</td>
</tr>
<tr>
<td><strong>basketball</strong></td>
<td>Pow Wow Hawaii</td>
<td>dog park + agility course</td>
<td>hockey</td>
</tr>
<tr>
<td><strong>tennis</strong></td>
<td>Pow Wow Hawaii</td>
<td>dog park + agility course</td>
<td></td>
</tr>
<tr>
<td><strong>frisbee</strong></td>
<td>Pow Wow Hawaii</td>
<td>dog park + agility course</td>
<td></td>
</tr>
<tr>
<td><strong>volleyball</strong></td>
<td>Pow Wow Hawaii</td>
<td>dog park + agility course</td>
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</tr>
<tr>
<td><strong>soccer</strong></td>
<td>Pow Wow Hawaii</td>
<td>dog park + agility course</td>
<td></td>
</tr>
<tr>
<td><strong>volleyball</strong></td>
<td>Pow Wow Hawaii</td>
<td>dog park + agility course</td>
<td></td>
</tr>
<tr>
<td><strong>basketball</strong></td>
<td>Pow Wow Hawaii</td>
<td>dog park + agility course</td>
<td></td>
</tr>
<tr>
<td><strong>tennis</strong></td>
<td>Pow Wow Hawaii</td>
<td>dog park + agility course</td>
<td></td>
</tr>
<tr>
<td><strong>frisbee</strong></td>
<td>Pow Wow Hawaii</td>
<td>dog park + agility course</td>
<td></td>
</tr>
</tbody>
</table>

### Additional comments:

**Kaka'ako Makai Parks | Open House**

With the limited space for sports clubs, it is important to have this space for sports activities as it will provide opportunities for our children as well as private clubs to excel and provide a permanent place for them to gather and have a sense of home for their club/team.
Rank the top 10 active uses you would like to see at the Kala`ako Makai Park by putting a number in the box next to the use. 1 = highest priority, 10 = lowest priority.

**FAMILY FRIENDLY**
- Giant slide park + light tunnel
- Climbing wall
- Playgournd + sandbox
- Waterfall
- Rollerblade rental
- Carousel
- Bike riding
- Fishing pier
- Keiki choo-choo
- Bicycle rental
- Outdoor shaded food court

**SPORTS FACILITIES**
- Volleyball
- Basketball
- Tennis
- Badminton
- Soccer
- Yoga
- Dog park + agility course
- Hockey rink

**ADVENTURE**
- Skate park
- Challenge course
- Surf park
- Skydiving wind tunnel
- Bungee jumping
- Trampoline park
- Zip-lining
- FLAT, OPEN SPACE
- Lawn bowling
- Bocce
- Mini-golf
- Croquet
- Ultimate frisbee
- Badminton
- Giant chess
- Quidditch

**ECO-VILLAGE/MODERN AHUPUA`A**
- Community center
- Community garden
- Farm-to-table café
- Farmers market
- Ball pond + pay-to-fish
- Hawaii Island Model
- Wind turbine
- Energy-generating bakes
- Hydroponics greenhouse
- Learning garden
- Zero-waste composting
- Beekeeping
- Stormwater collection
- Recycled water irrigation
- Beer garden
- Beer garden
- Amphitheater
- Semi-permanent themed food trucks
- Light display (Blumingham)
- Musical art

**MONTHLY EVENTS**
- Storytelling
- Scavenger hunt
- Outdoor movie
- Outdoor concert
- Outdoor concert
- Outdoor concert
- Outdoor concert
- Outdoor concert
- Outdoor concert
- Outdoor concert

**THE STUDIOS**
- Collaboration lab
- Design arts studios
- Fine arts studios
- Music studios
- Dance studios
- Photography studios
- POW WOW HAWAII
- Lessons + classes
- Lessons + classes
- Lessons + classes
- Lessons + classes
- Lessons + classes

**Kala`ako Makai Park | Open House**

Additional comments:
Rank the top ten active uses you would like to see at the Kaka'ako Makai Parks by putting a number in the box next to the use. 1 = highest priority, 10 = lowest priority.

FAMILY FRIENDLY
- giant slide park + light tunnel
- playground + sandbox
- wading pool
- rollerblade rental
- corn roast
- kite-flying
- fishing pier
- keiki choo-choo
- bicycle rental
- outdoor shaded food court

SPORTS FACILITIES
- workout stations
- basketball
- volleyball
- soccer
- yoga
- dog park + agility course
- hockey rink

ADVENTURE
- skate park
- challenge course
- community center
- community garden
- farm-to-table café
- farmers market
- fishpond + pay-to-fish
- Hawai‘i Island Model
- wind turbine
- energy-generating bikes
- hydroponics greenhouse
- learning garden
- zero-waste composting
- beekeeping
- stormwater collection
- recycled water irrigation
- beer garden
- amphitheater
- semi-permanent themed food trucks
- light display (illuminage)
- interactive water jets

ECO-VILLAGE/MODERN AHU‘U‘A
- community center
- community garden
- farm-to-table café
- farmers market
- fishpond + pay-to-fish
- Hawai‘i Island Model
- wind turbine
- energy-generating bikes
- hydroponics greenhouse
- learning garden
- zero-waste composting
- beekeeping
- stormwater collection
- recycled water irrigation
- beer garden
- amphitheater
- semi-permanent themed food trucks
- light display (illuminage)

MONTHLY EVENTS
- storytelling
- scavenger hunt
- outdoor movie
- artist studio tour
- intramural games
- beer of the month

THE STUDIOS
- collaboratory lab
- fine arts studios
- music studios
- dance studios
- photography studios
- POW! WOW! HAWAII
- lessons + classes
- musical art

Additional comments:
Sand volleyball!
Rank the top ten active uses you would like to see at the Kaka’ako Makai Parks by putting a number in the box next to the use. 1 = highest priority, 10 = lowest priority.

**FAMILY FRIENDLY**
- giant slide & light tunnel
- playground + sandbox
- waterfall
- rollerblade rental
- kite flying
- fishing pier
- kōkō chō chō
- bicycle rental
- outdoor shaded food court

**SPORTS FACILITIES**
- basketball
- volleyball
- baseball
- soccer
- yoga
- dog park + agility course
- hockey rink

**ADVENTURE**
- skate park
- challenge course
- diving tank
- surf park
- skydiving wind tunnel
- bungee jumping
- scuba diving
- zip-lining
- flat, open space

**ENTERTAINMENT**
- community center
- community garden
- farmers market
- fishpond + pay-to-fish
- Hawaiian Model
- wind turbine
- energy-generating bikes
- hydroponics greenhouse
- learning garden
- zero waste composting
- stormwater collection
- recycled water irrigation
- beer garden
- amphitheater
- semi permanent themed food trucks
- light display (illuminage)
- interactive water jets

**MONTHLY EVENTS**
- storytelling
- scavenger hunt
- outdoor movie
- outdoor concert
- cooking/pickle class
- artist studio tour
- intramural games
- farmers market
- beer of the month
- collaboration lab
- fine arts studio
- music studio
- dance studio
- photography studio
- POW WOH! HAWAII
- lessons + classes
- musical art

Additional comments:

Sand volleyball is needed, would have been #2 on my list.
<table>
<thead>
<tr>
<th>FAMILY FRIENDLY</th>
<th>ADVENTURE</th>
<th>ECO-VILLAGE/MODERN AHU'PU'A</th>
<th>MONTHLY EVENTS</th>
<th>ADVENTURE</th>
<th>ECO-VILLAGE/MODERN AHU'PU'A</th>
<th>MONTHLY EVENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>giant slide park + light tunnel</td>
<td>skate park</td>
<td>community center</td>
<td>storytelling</td>
<td>giant slide park + light tunnel</td>
<td>skate park</td>
<td>community center</td>
</tr>
<tr>
<td>climbing wall</td>
<td>challenge course</td>
<td>community garden</td>
<td>scavenger hunt</td>
<td>climbing wall</td>
<td>challenge course</td>
<td>community garden</td>
</tr>
<tr>
<td>playground + sandbox</td>
<td>diving tank</td>
<td>farm-to-table café</td>
<td>outdoor movie</td>
<td>playground + sandbox</td>
<td>diving tank</td>
<td>farm-to-table café</td>
</tr>
<tr>
<td>waterfall</td>
<td>skydiving wind tunnel</td>
<td>farmers market</td>
<td>outdoor concert</td>
<td>waterfall</td>
<td>skydiving wind tunnel</td>
<td>farmers market</td>
</tr>
<tr>
<td>rollerblade rental</td>
<td>bungee jumping</td>
<td>fishpond + pay-to-fish</td>
<td>cooking/pickling class</td>
<td>rollerblade rental</td>
<td>bungee jumping</td>
<td>fishpond + pay-to-fish</td>
</tr>
<tr>
<td>carousel</td>
<td>trampoline park</td>
<td>Hawaii'Island Model</td>
<td>art/studio tour</td>
<td>carousel</td>
<td>trampoline park</td>
<td>Hawaii'Island Model</td>
</tr>
<tr>
<td>kite-flying</td>
<td>ziplining</td>
<td>wind turbine</td>
<td>intramural games</td>
<td>fishing pier</td>
<td>ziplining</td>
<td>wind turbine</td>
</tr>
<tr>
<td>fishing pier</td>
<td>FLAT, OPEN SPACE</td>
<td>energy-generating bikes</td>
<td>farmers market</td>
<td>fishing pier</td>
<td>FLAT, OPEN SPACE</td>
<td>energy-generating bikes</td>
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<tr>
<td>kaiaki choco-choco</td>
<td>town bowling</td>
<td>hydroponics greenhouse</td>
<td>Beer of the Month</td>
<td>kaiaki choco-choco</td>
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<td>hydroponics greenhouse</td>
</tr>
<tr>
<td>bicycle rental</td>
<td>zero-waste composting</td>
<td>learning garden</td>
<td>THE STUDIOS</td>
<td>bicycle rental</td>
<td>zero-waste composting</td>
<td>learning garden</td>
</tr>
<tr>
<td>outdoor shaded food court</td>
<td>beekeeping</td>
<td>zero waste composting</td>
<td>collaboration lab</td>
<td>outdoor shaded food court</td>
<td>beekeeping</td>
<td>zero waste composting</td>
</tr>
<tr>
<td>WORKOUT STATIONS</td>
<td>stormwater collection</td>
<td>beekeeping</td>
<td>fine arts studios</td>
<td>WORKOUT STATIONS</td>
<td>stormwater collection</td>
<td>beekeeping</td>
</tr>
<tr>
<td>basketball</td>
<td>recycled water irrigation</td>
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<td>music studios</td>
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<tr>
<td>volleyball</td>
<td>ENTERTAINMENT</td>
<td>music studios</td>
<td>dance studios</td>
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<td>ENTERTAINMENT</td>
<td>music studios</td>
</tr>
<tr>
<td>soccer</td>
<td>beer garden</td>
<td>dance studios</td>
<td>photography studios</td>
<td>soccer</td>
<td>beer garden</td>
<td>dance studios</td>
</tr>
<tr>
<td>frisbee</td>
<td>amphitheater</td>
<td>photography studios</td>
<td>POW WOW HAWAI'I</td>
<td>frisbee</td>
<td>amphitheater</td>
<td>photography studios</td>
</tr>
<tr>
<td>yoga</td>
<td>semi-permanent themed food trucks</td>
<td>Lessons + classes</td>
<td>Lessons + classes</td>
<td>yoga</td>
<td>semi-permanent themed food trucks</td>
<td>Lessons + classes</td>
</tr>
<tr>
<td>dog park + agility course</td>
<td>light display (illumination)</td>
<td>musical art</td>
<td>musical art</td>
<td>dog park + agility course</td>
<td>light display (illumination)</td>
<td>musical art</td>
</tr>
<tr>
<td>hocky rink</td>
<td>interactive water jets</td>
<td>interactive water jets</td>
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<td>hocky rink</td>
<td>interactive water jets</td>
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</tr>
</tbody>
</table>

Additional comments:
Rank the **top ten** active uses you would like to see at the Kakaʻako Makai Parks by putting a number in the box next to the use. 1 = highest priority, 10 = lowest priority.

**FAMILY FRIENDLY**
- giant slide park + light tunnel
- climbing wall
- playground + sandbox
- waterfall
- rollerblade rental
- carousel
- lake flying
- fishing pier
- lei lei choo choo
- bicycle rental
- outdoor shared food court

**SPORTS FACILITIES**
- 2 workout stations
- basketball
- volleyball
- baseball
- soccer
- yoga
- dog park + agility course
- hockey rink

**ADVENTURE**
- skate park
- challenge course
- diving tank
- surf park
- skydiving wind tunnel
- bungee jumping
- trampoline park
- zip lining
- FLAT, OPEN SPACE
- lawn bowling
- bocce
- mini golf
- croquet
- frisbee golf
- ultimate frisbee
- beach tennis
- giant chess
- Quidditch

**ECO-VILLAGE/MODERN AHUPUAʻA**
- community center
- community garden
- farm-to-table café
- farmers market
- fishpond + pay-to-fish
- Hawaiʻi Island Model
- wind turbine
- energy-generating biles
- hydroponics greenhouse
- learning garden
- zero-waste composting
- beekeeping
- stormwater collection
- recycled water irrigation
- beer garden
- amphi/theater
- semi-permanent themed food trucks
- light display ([Click here](https://example.com))
- interactive water jets
- storytelling
- scavenger hunt
- outdoor movie
- outdoor concert
- cooking/pickling class
- artist studio tour
- intramural games
- farmers market
- beer of the Month
- collaboration lab
- fine arts studios
- music studios
- dance studios
- frisbee golf
- angling/photography studios
- POWN WOAI WAI AI
- lessons + classes
- musical art
- outdoor shared food court
- outdoor shared food court

**THE STUDIOS**
- workshop
- dance studio
- photography studio
- frisbee golf
- semi-permanent themed food trucks
- light display ([Click here](https://example.com))
- interactive water jets

**MONTHLY EVENTS**
- storytelling
- scavenger hunt
- outdoor movie
- outdoor concert
- cooking/pickling class
- artist studio tour
- intramural games
- farmers market
- beer of the Month

Additional comments:
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<td>rollerblade rental</td>
<td>skydiving wind tunnel</td>
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<tr>
<td>carouseal</td>
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<tr>
<td>kite-flying</td>
<td>horticulture park</td>
</tr>
<tr>
<td>fishing pier</td>
<td>zip-lining</td>
</tr>
<tr>
<td>kōlōhilo-choo-choo</td>
<td>FLAT, OPEN SPACE</td>
</tr>
<tr>
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<td>lawn bowling</td>
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<td><strong>ECO-VILLAGES/MODERN AHUPUAʻA</strong></td>
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<tr>
<td>volleyball</td>
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<tr>
<td>baseball</td>
<td>fishpond + pay-to-fish</td>
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<tr>
<td>soccer</td>
<td>hawaiian island model</td>
</tr>
<tr>
<td>badminton</td>
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<td>giant chess</td>
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<td>hydroponics greenhouse</td>
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<tr>
<td><strong>ENTERTAINMENT</strong></td>
<td><strong>MONTHLY EVENTS</strong></td>
</tr>
<tr>
<td>beer garden</td>
<td>storytelling</td>
</tr>
<tr>
<td>b┌ should I be here?</td>
<td>scavenger hunt</td>
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<tr>
<td>ultimate frisbee</td>
<td>outdoor movie</td>
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<tr>
<td>frisbee golf</td>
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</tr>
<tr>
<td>photography studios</td>
<td>cooking/pickling class</td>
</tr>
<tr>
<td>P.O.W. W.O.N. HAWAII</td>
<td>artist studio tour</td>
</tr>
<tr>
<td>lessons + classes</td>
<td>intramural games</td>
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<tr>
<td>giant chess</td>
<td>farmers market</td>
</tr>
<tr>
<td>Quidditch</td>
<td>beer of the month</td>
</tr>
<tr>
<td>dog park + agility course</td>
<td>bicycle rental</td>
</tr>
<tr>
<td>hockey rink</td>
<td><strong>THE STUDIOS</strong></td>
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1. Please review the possible use diagrams at this station and circle which you most prefer.

A. Family Friendly Theme
B. Sports Theme
C. Entertainment Theme
D. Adventure Theme
E. Sustainability Theme

2. Are there certain elements from the different use diagrams you would like to see combined?

B/C

3. Do you have any additional comments?

Like the sand volleyball
1. Please review the possible use diagrams at this station and circle which you most prefer.

A. Family Friendly Theme

B. Sports Theme

C. Entertainment Theme

D. Adventure Theme

E. Sustainability Theme

2. Are there certain elements from the different use diagrams you would like to see combined?

3. Do you have any additional comments?

Programmation is super important. I support placing in coordinating more concerts (local or touring acts) to draw people to the park. Parking is also a concern. Hopefully structure will be big enough.
1. Please review the possible use diagrams at this station and circle which you most prefer.

A. Family Friendly Theme  
B. Sports Theme
C. Entertainment Theme  
D. Adventure Theme
E. Sustainability Theme

2. Are there certain elements from the different use diagrams you would like to see combined?

3. Do you have any additional comments?

---

Inter Volleyball is important. It is highly popular for the young and fun. People of Hawaii need a place currently.
1. Please review the possible use diagrams at this station and circle which you most prefer.

A. Family Friendly Theme

B. Sports Theme

C. Entertainment Theme

D. Adventure Theme

E. Sustainability Theme

2. Are there certain elements from the different use diagrams you would like to see combined?

3. Do you have any additional comments?
1. Please review the possible use diagrams at this station and circle which you most prefer.

A. Family Friendly Theme
B. Sports Theme
C. Entertainment Theme
D. Adventure Theme
E. Sustainability Theme

2. Are there certain elements from the different use diagrams you would like to see combined?

I would prefer the sports theme but I think you could combine the family friendly and entertainment theme with it also.

3. Do you have any additional comments?
1. Please review the possible use diagrams at this station and circle which you most prefer.

A. Family Friendly Theme  
B. Sports Theme
C. Entertainment Theme  
D. Adventure Theme
E. Sustainability Theme

2. Are there certain elements from the different use diagrams you would like to see combined?

I prefer the sports theme, but believe it could be combined with family friendly, entertainment and sustainability.

3. Do you have any additional comments?

Kukui'ala Makai Parks | Active Use Facilities | Open House
1. Please review the possible use diagrams at this station and circle which you most prefer.

A. Family Friendly Theme
B. Sports Theme
C. Entertainment Theme
D. Adventure Theme
E. Sustainability Theme

2. Are there certain elements from the different use diagrams you would like to see combined?

3. Do you have any additional comments?
1. Please review the possible use diagrams at this station and circle which you most prefer.

A. Family Friendly Theme
B. Sports Theme
C. Entertainment Theme
D. Adventure Theme
E. Sustainability Theme

2. Are there certain elements from the different use diagrams you would like to see combined?

3. Do you have any additional comments?

Mainly C but not part of a family friendly
1. Please review the possible use diagrams at this station and circle which you most prefer.

A. Family Friendly Theme
B. Sports Theme
C. Entertainment Theme
D. Adventure Theme
E. Sustainability Theme

2. Are there certain elements from the different use diagrams you would like to see combined?

Entertainment & Garden

3. Do you have any additional comments?

A mix of A, C, E

Kaka'ako Makai Parks | Active Use Facilities | Open House
**HCDA Makai Parks Theme Diagrams Public Comments**

**Q1** Please review the possible use diagrams at this station and circle which you most prefer.

- **A. Family Friendly Theme**
  - Responses: 8.33% (6)

- **B. Sports Theme**
  - Responses: 66.67% (48)

- **C. Entertainment Theme**
  - Responses: 8.33% (6)

- **D. Adventure Theme**
  - Responses: 1.39% (1)

- **E. Sustainability Theme**
  - Responses: 22.22% (16)

**Total Respondents:** 72

**Q2** Are there certain elements from the different use diagrams you would like to see combined?

- **1.** The park needs to have the ability to generate funds to support maintaining the park. Run leased to private company.
  - Responses: 12/11/2014 10:35 AM

- **2.** The family and sports could be combined.
  - Responses: 12/11/2014 10:34 AM

- **3.** B, A
  - Responses: 12/11/2014 10:34 AM

- **4.** Should incorporate family friendly zone and convert one open space for sports :)
  - Responses: 12/11/2014 10:33 AM

1 / 4
Environmental Impact Statement (EIS)
Scoping Meeting

HCDA will accept public comments on the issues you feel should be disclosed in the EIS.

**Where:** 547 Queen St
Honolulu, HI 96813

**When:** April 16th, 2015
5:00 p.m.

For More information please contact:
Lindsey Doi
Compliance Assurance and Community Outreach Officer
lindsey.doi@hcdaweb.org
808.594.0328

A copy of the EIS Preparation Notice can be found on our website at [www.hcdaweb.org](http://www.hcdaweb.org)
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<td>HDOA Board / Ala Moana Boulevard N. Board</td>
<td>294-5370</td>
<td><a href="mailto:tjmclaughlin@gmail.com">tjmclaughlin@gmail.com</a></td>
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<tr>
<td>Bobbie Lau</td>
<td>Howard Hughes Corp.</td>
<td>791-2987</td>
<td><a href="mailto:bobbie.lau@howardhughes.com">bobbie.lau@howardhughes.com</a></td>
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<tr>
<td>MARIN NISHIMURA</td>
<td></td>
<td>321-1147</td>
<td><a href="mailto:marinnishimu@gmail.com">marinnishimu@gmail.com</a></td>
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<tr>
<td>Michelle Martin</td>
<td>CPAC</td>
<td>299-3936</td>
<td><a href="mailto:mms.martin@hawaii.m.com">mms.martin@hawaii.m.com</a></td>
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<td>Jackie Scott</td>
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<tr>
<td>WayN TAKAHiNE</td>
<td>CPAC</td>
<td>808-4099</td>
<td><a href="mailto:waynetakamine@hawaiicn.com">waynetakamine@hawaiicn.com</a></td>
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<td>WAT</td>
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<tr>
<td>Mike HAMaSU</td>
<td>Cell Use</td>
<td>523-9792</td>
<td><a href="mailto:mike@celluse.hawaii.com">mike@celluse.hawaii.com</a></td>
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What issues or concerns should be addressed in the Kaka'ako Makai Parks Active Use Facilities Master Plan Environmental Impact Statement?

- Public recreational facilities open to all residents and visitors
- Volleyball training facility is an exclusive, restrictive use consuming public park space

Economic and Public Safety Impact:
- Relocate homeless to Sand Island "Safe Area" camp
- This is long overdue!

Adhere to the national urban planning standard for urban park space:
- 2 - 2½ acres / 1000 capita open recreational open space (standard)
- Green recreational open space
- Adhere to urban park setting standards

Think: New York Central Park
Golden Gate Park

Your comment card must be postmarked by April 22, 2015
COMMUNITY OPEN HOUSE
You are invited to attend the third series of open house sessions for the planning and revitalization of the Kaka'ako Makai Parks.

The open house will focus on:
- Alternative park concepts
- Environmental Impact Statement process

For more information or questions, please contact:
Lindsey Doi
Hawai'i Community Development Authority
Compliance Assurance and
lindsey.doi@hcdaweb.org

OPEN TO THE PUBLIC
Hawai'i Community Development Authority
The Hawai'i Community Development Authority (HCDA), a State agency that was established by the State Legislature in 1976, supplements traditional community renewal methods by promoting and coordinating public and private sector community development in urban areas in the State that are in need of timely redevelopment.

Where:
HCDA Office
547 Queen Street
Honolulu, HI 96813

Attend Either Session
Thursday, June 4, 5:30p
Saturday, June 13, 10:00a

For more information or questions, please contact:
Lindsey Dai
Hawaii Community Development Authority
Compliance Assurance and
lindsey.dai@hcdaweb.org

www.hcdaweb.org
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<td>Jim</td>
<td>Spider Web</td>
<td>223-4481</td>
<td><a href="mailto:jw@spider-web.com">jw@spider-web.com</a></td>
</tr>
<tr>
<td>Shanna Minakake</td>
<td>ICU</td>
<td>428-1348</td>
<td>shanna.minakake@uiw</td>
</tr>
<tr>
<td>Donna Sullivan</td>
<td>DOT / Hwy</td>
<td>255-6677</td>
<td><a href="mailto:dvs@uiw.edu">dvs@uiw.edu</a></td>
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<tr>
<td>Thomas Blair</td>
<td>NA</td>
<td>944-330-5875</td>
<td><a href="mailto:Thomas.Bhair@uiw.com">Thomas.Bhair@uiw.com</a></td>
</tr>
<tr>
<td>Kyle Sowaki</td>
<td>-</td>
<td>447-5955</td>
<td><a href="mailto:kyles@kicorporate.com">kyles@kicorporate.com</a></td>
</tr>
<tr>
<td>Christine Ogle</td>
<td>-</td>
<td>281-4912</td>
<td><a href="mailto:TropicalHawaii@aol.com">TropicalHawaii@aol.com</a></td>
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**SIGN-IN SHEET**
KAKA'AKO MAKA'I ACTIVE USE FACILITIES MASTER PLAN
KAKA'AKO WATERFRONT PARK | GATEWAY PARK | KEWALO BASIN PARK | Community Open House
June 4, 2015

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<td>The Trust for Public Land</td>
<td>524-8563</td>
<td><a href="mailto:lee.hong@tpol.org">lee.hong@tpol.org</a></td>
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**SIGN-IN SHEET**
KAKA'AKO MAKA'I ACTIVE USE FACILITIES MASTER PLAN
KAKA'AKO WATERFRONT PARK | GATEWAY PARK | KEWALO BASIN PARK | Community Open House
June 4, 2015
The first of two, Series 3 Open House sessions focused on alternative park concepts and the Environmental Impact Statement process. Public attendees numbered 16 and five comment cards were collected.

Deepak made opening remarks, introduced PBR HAWAII presenters and an HCDA video that provided potential park utilization concepts and opportunities for collaboration relative to the Master Plan effort.

Following the video, Catie discussed the planning process being utilized, background for the project, and past efforts including the 2011 Master Plan. She explained how current efforts are informed by previous community engagement of the past as well as two HCDA/PBR HAWAII convened Open House sessions and Park Peek event held in 2014.

For the planning process, from August to December 2014 research was conducted, information was gathered, and ideas were generated. In addition to public input solicited during the 2014 Open House sessions Parks Peek event, an on-line tool (http://kakaakomakai.parks.mindmixer.com/) engaged more than 2,000 people.

Based on 2014 public input, reported that while the parks were valued for their views and location relative to urban areas, safety concerns were the primary reason the parks were underutilized. Further, prioritizing the guiding principles of the 2011 Master Plan was important and favorable park active uses included volleyball, regular programmed food/entertainment, and family friendly activities.

Russell spoke to alternative park concepts and notional layouts for parking, green space, art/water features, amphitheater, concession stand, community hale/pavilion, biergarten, and other areas for both active and passive activity use.

Tom spoke to next steps in the process and how the feedback received today will inform the preparation of a Draft Environmental Impact Statement (DEIS). Referenced the EIS Preparation Notice (EISPN) meeting held on April 16, 2015, in order to receive comments on setting up the DEIS scope. Noted that the DEIS will be prepared in accordance with Hawai’i laws and rules, serving as the primary environmental document that discusses potential impacts and mitigation measures and includes technical studies/analyses (i.e. archaeological, acoustic, air quality, biological, cultural, transportation, noise impacts and preliminary engineering). Further that the EIS is not a permit, though rather a disclosure document. Once a DEIS is completed it would be reviewed by HCDA and the public could anticipate having a 45-day public comment period. Public comments would be considered in the Final EIS (FEIS) and changes would be highlighted. HCDA would make determination if modifications in the FEIS were sufficient to address comments. Following HCDA review, the FEIS is presented for approval by the Governor, the accepting authority.

Public comments are summarized below and comment cards are attached.

1) Park Boundaries—Slide that shows 3D model of built-out Kaka‘ako has the wrong park boundaries. Clarification: Noted the boundaries for the slide were not accurate.

2) Lei of Green—Connection between Ala Moana Beach Park and Kewalo Basin Park is a continuation of the Lei of Green; very important. Clarification: Consider the connection “low hanging fruit” that just makes sense for the benefit of both parks and respective users.

3) Other Planning Efforts—Given the City & County master planning of Ala Moana Park, are those efforts being considered and would they compete with what is proposed for Kaka‘ako? Clarification: Do not see concepts for Kaka‘ako competing with Ala Moana planning, but rather being complimentary and reiterating the 2011 lei of green, especially if a connector is provided linking both parks.

4) EIS Process—Inquiries about if OHA will participate in the EIS process, when the public can comment on the EIS, when the DEIS will be released, what alternatives will be studied, and how to obtain EIS hardcopies.
Clarification:

8) Community Center—Concern expressed at the location of the community center.

9) Amphitheater—Recognition that artists/performers are foregoing O‘ahu for larger venues (i.e. Maui) and development of amphitheater comparable in size to Waikiki Shell enable more artists/performers to return to O‘ahu. Noise from amphitheater is a concern (i.e. controlling noise level and accounting for winds carrying sound beyond immediate park), especially if located on waterfront. “Ugh” reaction to many photos shown of outdoor amphitheaters: “We’re not in Red Rocks.” Concern about the design and visual impact of a stage structure along the waterfront promenade (want as minimal as possible).

Clarification:

- Assessing noise levels would be addressed in the EIS. There is already an existing amphitheater and have a baseline of noise levels. The slide shows an amphitheater comparable in size to Waikiki Shell, though there are ways that design and location could mitigate noise impacts.
- Preference may be for designs that are adjustable or semi-permanent so that when not in use it does not obstruct views.

10) Commercialization—This Master Plan should not have large commercial uses. Mention that restaurants and bars would be located along waterfront, too much commercialization can clutter restaurants and bars would be located along waterfront, too much commercialization can clutter the park and congest green space. Beyond the concession, can gauge using food trucks during lunch or specific times on a temporary, non-permanent basis to minimize congestion.

Clarification:

- Only a concession and biergarten were presented not multiple restaurants. Financial analysis will be conducted to help determine if restaurant uses are feasible.
- Ideas of concession and biergarten to generate revenue to reinvest into the park. These are ideas that are not set in stone and serve to present potential different uses and layouts.

Parking—While an adequate amount and close proximity parking for vehicles are needed, parking for bicycles and access by disabled and elderly need to be considered. Not all park users will need parking on site as demonstrated by popular events like fireworks and lantern festival where people park elsewhere and walk ½ mile or more. A few people don’t think that more parking will be necessary in the future because of alternative transportation. The whole point of moving the parking structure and tucking it behind JABSOM in the 2011 Conceptual MP was to reduce surface parking and have more green open space. Peripheral parking is good, though soccer moms and surfers will need a drop off area or use of a trolley/circulator. Major concern over the number of surface parking lots, though keeping street parking and some surface parking is key. Can’t really use the street parking along Ohe Street now because of the homeless.

Clarification:

- Traffic studies and planning consideration relative to City and County bicycle and rail activities will inform parking requirements. We purposely sought to reconfigure parking and phase to minimize disruption during phasing and maintain green spaces. Parking at grade level was purposely chosen as it’s the most benign, connects to large turn around with drop off area and in the future parking demand decreases, it’s the most economical should it be converted to park space.
- Though a balance is needed to determine parking use during day/night and weekday/weekends, as one can’t always only plan for highest peak use.
- The conceptual design included a turn around that could accommodate needs of elderly, disabled, and park users with equipment. Nothing precludes a circulator being used for park access.

Transportation—It is important to consider a trolley circulator connection to the park and do a loop between the parks. Given growing role and location of planned rail stations a circulator could minimize need for additional parking. More people will be using alternative transportation, not just rail in the future.

Clarification: If someone rides the rail or bus, a park circulator could provide an alternative means to access the park. It would require integration to enable the different pieces to come together.

Playgrounds—Positive reactions to photos of playgrounds.
Do you have comments to the plan components presented tonight? Please share them here.

Reduce the concrete, I'd add more green
Need to take seismic, wind and hand-capped into account
No light shades
Keep park for public, not for developers to build upon
Need your pedestrian study, need to include accident predictors from 2003 down to 2015, which is paid for
The 15 year plan needs to define to go

Common design standards re: 20% of green to correct shoreline pathways?

Integration of transit, bus, bike, multi-modal transportation
Non-profit Conserancy partners?

Do you have comments to the plan components presented tonight? Please share them here.

Pedestrian Bridges from Kakaako to Ala Moana or improving marina parking lot. I like the idea of underwater restaurant and beer gardens. At the park, the sound of water and sailing parking lot was not used for parking and hundreds still showed up by walking/licking/hanging. No need to keep parking space at current levels, something like lagoon is on the cheaper

Do you have comments to the plan components presented tonight? Please share them here.

No parking structures

MAKAI OF WAIKALU ST.
Grade-level permeable - but not in park open space
Location of green amphitheater terracing - this works
Do you have comments to the plan components presented tonight? Please share them here.

HCOA needs to coordinate with OHA on parkland to complete the "lei of green" plan that existed prior to DMA ownership.

No 200' structures in the park please. Keep the open space and nice footprint to Ala Moana Blvd. Not in the park area.

Put parking closer to Ala Moana Blvd. Not on shoreline.

The greening of area from Ala Moana Blvd to Ocean is great concept. Need to connect with bike mauka & makai.
<table>
<thead>
<tr>
<th>NAME</th>
<th>AFFILIATION/AGENCY</th>
<th>PHONE</th>
<th>E-MAIL</th>
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<tbody>
<tr>
<td>Bob Crone</td>
<td>AIA / CPAC</td>
<td>202-5277</td>
<td><a href="mailto:bob.crone@earthlink.net">bob.crone@earthlink.net</a></td>
</tr>
<tr>
<td>Wayne Y. Kohatsu</td>
<td>AECOM</td>
<td>877-2498</td>
<td><a href="mailto:wayne.kohatsu@acon.com">wayne.kohatsu@acon.com</a></td>
</tr>
<tr>
<td>Bandon Asher</td>
<td>Street Grindz</td>
<td>360-1353</td>
<td><a href="mailto:brandon.streetgrindz@gmail.com">brandon.streetgrindz@gmail.com</a></td>
</tr>
<tr>
<td>Ponie Asawa</td>
<td>Street Grindz</td>
<td>780-9283</td>
<td>ponie.streetgrindz.com</td>
</tr>
<tr>
<td>Matt Kolene</td>
<td>OHA</td>
<td>594-1822</td>
<td><a href="mailto:matthew.k.olm@ohia.org">matthew.k.olm@ohia.org</a></td>
</tr>
<tr>
<td>Bobi Mani</td>
<td>1217V</td>
<td>554-4694</td>
<td><a href="mailto:bobi@1217V.com">bobi@1217V.com</a></td>
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</table>
The second of two, Series 3 Open House sessions focused on alternative park concepts and the Environmental Impact Statement process. Public attendees numbered seven (including KITV affiliated reporter and cameraperson) and zero comment cards were collected. Oral comments focused on a pedestrian median and bridge, use of technology for park users to learn more about the park and history of the area, receptivity to informing food truck location.

Tom made opening remarks, introduced PBR HAWAII presenters and an HCDA video that provided potential park utilization concepts and opportunities for collaboration relative to the Master Plan effort.

Russell spoke to alternative park concepts and notional layouts for parking, green space, art/water features, amphitheater, concession stand, community hale/pavilion, biergarten, and other areas for both active and passive activity use.
- Emphasized the layouts were conceptual and not set in stone. Slides illustrate how the parks could be configured and modified based on public prioritized uses.
- That parking configurations minimize intrusion on existing green space.
- Acknowledged conceptual lay outs anticipate the City and County of Honolulu Bicycle program and rail development, as well as consider on-going planning relative to Ala Moana Beach Park and the Office of Hawaiian Affairs.

Tom spoke to next steps in the process and how the feedback received today will inform the preparation of a Draft Environmental Impact Statement (DEIS).
- Reiterated the EIS Preparation Notice (EISPN) meeting held on April 16, 2015, in order to receive comments on setting up the DEIS scope.
- Noted that the DEIS will be prepared in accordance with Hawaii laws and rules, serving as the primary environmental document that discusses potential impacts and mitigation measures and includes technical studies/analyses (i.e. archaeological, acoustics, air quality, biological, cultural, transportation, noise impacts and preliminary engineering). Further that the EIS is not a permit, though rather a disclosure document.
- Once a DEIS is completed it would be reviewed by HCDA and the public could anticipate having a 45-day public comment period. Public comments would be considered in the Final EIS (FEIS) and changes would be highlighted. HCDA would make determination if modifications in the FEIS were sufficient to address comments. Following HCDA review, the FEIS is presented for approval by the Governor, the accepting authority.

Public comments are summarized below.

1) Overall Plan—Multiple comments expressed overall positive response to plan and presentation by PBR HAWAII in really incorporating community input and reflecting in plan.

2) Biergarten—Attendee disliked inclusion of biergarten, as opposed to other park users. A concern about trying to compete with anticipated new commercial ventures elsewhere in Kakaʻako Makai was raised.

3) Coordination—Recognized PBR HAWAII does not have control of other parcels, though highlighted the importance of coordination with other Kakaʻako developers (named Kamehameha Schools, Howard Hughes Corporation, City & County, Office of Hawaiian Affairs) so the Parks don’t create competing things.

Clarification: While there is a defined park scope and boundaries, planning is considering what others are pursuing within the larger Kakaʻako area and how people are accessing parks presently and in the future (i.e. City & County Bicycle Program, potential lei of green connector from Ala Moana). Noted intent is not to create competing areas, though compliment and be mindful of other on-going planning efforts.
4) Connectivity—Encouraged tie back to neighborhoods, as many vehicles park north of park (Cooke, Piʻikoi, or Kamake‘e St.) so connection to park is important. Identified Ala Moana Blvd. as physical divide to access parks and suggested widening of green space median (similar to what’s in front of Ala Moana Shopping Center) to extend West in front of Kaka‘ako parks, enabling pedestrians to cross safely and cross half-way at a time as needed. Emphasized this should be done sooner rather than later, as the area is further developed it is less likely to occur. Attendees suggested use of pedestrian bridge that could be designed to be a park feature/extension of the park that was not intrusive to surrounding environment instead of green median, though an attendee countered that one pedestrian bridge at Cooke Street is not enough, multiple bridges needed and focus should be at point of conflict at ground level via a median. Additional comments for a pedestrian bridge that could follow yellow line in presentation, incorporating art or feature that reflect history of the area. The pedestrian bridge should be part of the park experience.

Clarification: Facilitating park access is important. Discussing green median and pedestrian bridge are good ideas to talk about, glad we had this discussion today.

- Establishing green median may require more than just modifying lanes on Ala Moana Blvd. Will require significant coordination with Hawai‘i Department of Transportation, as it may impact flow of traffic on Piʻikoi and respective parallel streets, as well as impact and alter access to Waikiki, which is a much larger issue. Attendee acknowledged a dedicated study would be required for green median and Hawaii DOT would need to be involved.
- Pedestrian bridge(s) could be designed to facilitate park access in a way that isn’t over-burdensome to neighboring roadways and draws people into park. One main bridge could be at Cooke St. though it wouldn’t be only way to access the park. Good to consider feasibility of green median, though many people that jog/walk along paths, they’ll likely continue on path with least interruptions.

5) Circulation—Widening of paths is visually important in connecting spaces. The area were boats are currently being serviced are separated from park paths, efforts that can promote circulation among boat area is desirable.

Clarification: Acknowledge access paths are important for circulation. Highlighted maintaining forward lei of green concept and importance of connecting Ala Moana Park to the Makai Kaka‘ako Parks.

6) Parking—Shouldn’t shy away from having parking structure if it could result in less scattered parking and more green space. Behind the mounds, near UH Medical Center could serve as good place to locate multi-level lot with minimal impact on park views. Proposed purposely design for less vehicle parking so people use alternative transportation (walk, bike). The San Francisco Golden Gate Park is an example of scattered parking, enabling users to access specific portions of park. An attendee expressed concern about establishment of contiguous walk way system like High Line Park in New York as only considers views not the blight that remains under walkway.

Clarification: Parking locations are notional and sought to open up surface space for other things. Considering not just cars, though bicycle access given the City & County’s plans and by having pedestrian path could encourage more to access the park by walking or cycling.

7) Food Trucks—Noticed design had only a scattering of areas for food. Would love to see more prominent design. Given experience with “eater-tainment” in the last five years, it brings community out and makes connections with commerce/supporting local. Should be more than just lunch wagon, should be an amplified, turned up part of park design. As OHA has frontage on Ohe St. HCDA could develop eateries like those in Bryant Park that don’t take up park space through provide food near park.

Clarification: The design depicted where possible areas for food would be located. Would welcome opportunity to talk further with Street Gindz on past experiences and where food trucks could be located as doesn’t look like parking could serve as event area.

8) Multi-Age Activities—Referenced St. Louis Children’s museum as playing an important role in imagery/identity as it’s a place where they up-cycle. The Museum has areas not just for young kids (like Discovery Center), though for multiple ages and varied activities where kids can learn and grow along with parents.

Clarification: Seek to provide park activities that appeal to broad range of users of all ages. Value receiving feed-back on adventure area in park and family areas, so again park engages multiple ages (children to adult), in complimenting what area already offers for education/learning.

9) Technology—Liked idea of informational signage and suggested use of that infrastructure to implement technology. Could develop digital kiosk with IP for outdoor use, could use small screen (i.e. FM broadcaster) with a connection link code to activate smart devises about what’s in the area, history/culture, or upcoming events as physically pass by beacons (used by Apple to communicate promotions with customers). Implementing technology was well received by attendees.

Clarification: Good suggestion for integrating technology to not just support navigating/wayfinding through park, though possibly include information about history, cultural significance of park area, events, or activities.

10) Revenue Generation—Having a vision for the park is good and wish list things are awesome. However, what about revenue generation? Revenue generators need to be aligned to service what the community wants and address $1 million maintenance cost.

Clarification: Good point, as plans need to consider ways to generate revenue to re-invest in park. The parks are an amenity and given neighboring residential developments could charge maintenance and association dues. HCDA staff noted that could be pursued though it may require legislation.

11) Amphitheater—Positive overall response to amphitheater.
Appendix B:
Active Use Feasibility Studies
## Kakaako Makai Parks - Sports Complex

### Financial Feasibility Analysis

<table>
<thead>
<tr>
<th>Development Criteria</th>
<th>Land Area (estimated)</th>
<th>217,800</th>
<th>S.F.</th>
<th>217,800</th>
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<td>FAR</td>
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<td>Additional Bonus FAR</td>
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<td>Maximum Buildable Area</td>
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<tr>
<td>Projected Height Limit</td>
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<td>Projected Building Area</td>
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<tr>
<td>Actual Building Size inclusive of parking</td>
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<tr>
<td>Total Parking Stalls</td>
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<td>Parking Stall Square Footage</td>
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<td>Total Parking Area</td>
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### Sports Complex

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<th>Gross Building Area</th>
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<td>Building Efficiency</td>
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<td>Net Rentable Area</td>
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### Projected Stabilized Revenue ($2016)*

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<th>Source</th>
<th>Amount ($)</th>
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<td>Court Rental</td>
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<tr>
<td>In-house Club League</td>
<td>108,000</td>
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<tr>
<td>Tournament Fees</td>
<td>144,000</td>
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<tr>
<td>Facility Rental - parties, events</td>
<td>18,000</td>
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<tr>
<td><strong>Total Revenue</strong></td>
<td><strong>1,652,400</strong></td>
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### Estimated Operating Expenses

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<th>Category</th>
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<td>Purchases</td>
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<tr>
<td>Wages</td>
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<tr>
<td>Utilities</td>
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<tr>
<td>Ground Rent</td>
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<tr>
<td>Marketing</td>
<td>4.0%</td>
<td>66,096</td>
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<tr>
<td>Other</td>
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<td><strong>Total Expenses</strong></td>
<td><strong>96.0%</strong></td>
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### Total Projected Annual NOI

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<th>Percentage</th>
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</thead>
<tbody>
<tr>
<td>4.0%</td>
<td>66,096</td>
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*Estimated revenue does not account for donations or sponsorship funds.

### Development Costs

#### Hard Costs ($2016)

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<tr>
<th>Description</th>
<th>Cost ($)</th>
<th>Notes</th>
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<tr>
<td>Site Preparation</td>
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<td>Site Utilities</td>
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<td>Surface Parking</td>
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<td>Workout Facilities</td>
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<td>Indoor Courts</td>
<td>$70 psf building area</td>
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<td>Locker Rooms</td>
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<td>Admin Office</td>
<td>$8 psf building area</td>
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<tr>
<td><strong>Total Hard Costs</strong></td>
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#### Soft Costs ($2016)

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</tr>
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<tr>
<td>Architect/Mechanical/Civil/Structural Engineer</td>
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<td>Construction Management</td>
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<tr>
<td>Insurance</td>
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<td>General Administrative</td>
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<td><strong>Total Soft Costs</strong></td>
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<table>
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<td>Developer Profit</td>
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<tr>
<td><strong>Total Development Costs</strong></td>
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Reviewer acknowledges and understands that this analysis has been prepared for demonstrative purposes only and is based on general revenue and expense ratios and development cost estimates. Colliers International does not make any representation or warranty whatsoever, expressed or implied, with respect to the accuracy or reliability of the information or calculations contained herein. Any reliance by reviewer on this proforma shall be at reviewer’s sole risk. It is reviewer’s responsibility to thoroughly review all information regarding the and to conduct its own analysis.
Kakaako Makai Parks - Amphitheatre (3,000 seats)

Financial Feasibility Analysis

Development Criteria

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<th>Land Area (estimated)</th>
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</table>

Amphitheatre

| Gross Building Area | S.F. | 25,588 |
| Building Efficiency |      | 100%   |
| Net Rentable Area   | S.F. | 25,588 |

Projected Stabilized Revenue ($2016)

<table>
<thead>
<tr>
<th>Attendance*</th>
<th>Total Ticket and Concession Sales</th>
<th>$5 per person</th>
<th>$1,726,000</th>
</tr>
</thead>
<tbody>
<tr>
<td>Less: Promoter share</td>
<td>431,500</td>
<td>15%</td>
<td>(258,900)</td>
</tr>
<tr>
<td>Total Revenue</td>
<td></td>
<td></td>
<td>$1,467,100</td>
</tr>
</tbody>
</table>

Estimated Operating Expenses

| Purchases | 33.0% | $484,143 |
| Wages     | 18.0% | $264,078 |
| Utilities | 6.0%  | $88,026  |
| Ground Rent | 9.0%  | $132,039 |
| Marketing | 7.0%  | $102,697 |
| Other     | 17.0% | $249,407 |
| Total Expenses | 90% | $1,320,390 |
| Total Projected Annual NOI | 10% | $146,710 |

*Estimated attendance based on:

<table>
<thead>
<tr>
<th>Events</th>
<th>Attendees</th>
</tr>
</thead>
<tbody>
<tr>
<td>High-Use Days (Thursday - Sunday)</td>
<td>154</td>
</tr>
<tr>
<td>Low-Use Days (Monday - Wednesday)</td>
<td>30</td>
</tr>
<tr>
<td>Total</td>
<td>184</td>
</tr>
</tbody>
</table>

Development Costs

Hard Costs ($2016)

| Site Preparation | $5 psf land area | $2,000,000 |
| Site Utilities   | $1 psf land area | $600,000  |
| Surface Parking  | $3,500 per stall | $2,100,000 |
| Building (5,000 sf) | $479 psf building area | $2,394,000 |
| Seating & Canopy (3,000 seats/20,588 sf) | $329 psf building area | $6,772,000 |
| **Total Hard Costs** | | **$13,866,000** |

Soft Costs ($2016)

| Architect/Mechanical/Civil/Structural Engineer | 5.0% hard costs | $693,300 |
| Construction Management Allowance | $2,280,000 |
| Insurance Allowance | $170,000 |
| Building Permits Allowance | $130,000 |
| General Administrative Allowance | $100,000 |
| **Total Soft Costs** | | **$3,373,300** |

Subtotal | **$17,239,300** |

Contingency 5% of Hard Costs | $693,300 |
Contingency 5% of Soft Costs | $168,665 |
**Total Construction Costs** | **$18,101,265** |
Developer Profit 5% of Hard Costs | $693,300 |
**Total Development Costs** | **$18,794,565** |

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## Kakaako Makai Parks - Beer Garden

### Financial Feasibility Analysis

#### Development Criteria

<table>
<thead>
<tr>
<th>Metric</th>
<th>Value 1</th>
<th>Value 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Land Area (estimated)</td>
<td>8,000 S.F.</td>
<td>8,000</td>
</tr>
<tr>
<td>FAR</td>
<td>1.0</td>
<td>1.0</td>
</tr>
<tr>
<td>Additional Bonus FAR</td>
<td>0.0</td>
<td>0.0</td>
</tr>
<tr>
<td>Maximum Buildable Area</td>
<td>8,000 S.F.</td>
<td>8,000</td>
</tr>
<tr>
<td>Projected Height Limit</td>
<td>0 S.F.</td>
<td>0</td>
</tr>
<tr>
<td>Projected Building Area</td>
<td>3,200 S.F.</td>
<td>3,200</td>
</tr>
<tr>
<td>Total Parking Stalls</td>
<td>15 stalls</td>
<td>15</td>
</tr>
<tr>
<td>Parking Stall Square Footage</td>
<td>300 S.F./stall</td>
<td>300</td>
</tr>
<tr>
<td>Total Parking Area</td>
<td>4,500 S.F.</td>
<td>4,500</td>
</tr>
</tbody>
</table>

#### Beer Garden

<table>
<thead>
<tr>
<th>Metric</th>
<th>Value 1</th>
<th>Value 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gross Building Area</td>
<td>3,200 S.F</td>
<td>3,200</td>
</tr>
<tr>
<td>Building Efficiency</td>
<td>100%</td>
<td></td>
</tr>
<tr>
<td>Net Rentable Area</td>
<td>3,000</td>
<td></td>
</tr>
</tbody>
</table>

#### Projected Stabilized Revenue ($2016)

<table>
<thead>
<tr>
<th>Description</th>
<th>Value 1</th>
<th>Value 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Est. Sales (11am - 7 pm)</td>
<td>$726 per sf</td>
<td>$2,178,000</td>
</tr>
<tr>
<td>Estimated Operating Expenses</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Building Op. Exp.</td>
<td>$1.40 per sf/month</td>
<td>$50,400</td>
</tr>
<tr>
<td>COGS</td>
<td>60.0% of revenue</td>
<td>$1,306,800</td>
</tr>
<tr>
<td>Wages</td>
<td>25.0% of revenue</td>
<td>$544,500</td>
</tr>
<tr>
<td>Ground Rent</td>
<td>7.0% of revenue</td>
<td>$152,460</td>
</tr>
<tr>
<td>Marketing</td>
<td>1.0% of revenue</td>
<td>$21,780</td>
</tr>
<tr>
<td>Total Expenses</td>
<td></td>
<td>$2,075,940</td>
</tr>
<tr>
<td>Total Projected Annual NOI</td>
<td>4.7% of revenue</td>
<td>$102,060</td>
</tr>
</tbody>
</table>

#### Development Costs

##### Hard Costs ($2016)

<table>
<thead>
<tr>
<th>Description</th>
<th>Value 1</th>
<th>Value 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Site Preparation</td>
<td>$10 psf land area</td>
<td>$80,000</td>
</tr>
<tr>
<td>Surface Parking</td>
<td>$3,500 per stall</td>
<td>$52,500</td>
</tr>
<tr>
<td>Building</td>
<td>$250 psf building area</td>
<td>$800,000</td>
</tr>
<tr>
<td><strong>Total Hard Costs</strong></td>
<td></td>
<td>$932,500</td>
</tr>
</tbody>
</table>

##### Soft Costs ($2016)

<table>
<thead>
<tr>
<th>Description</th>
<th>Value 1</th>
<th>Value 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Architect/Mechanical/Civil/StructuralEngineer</td>
<td>8.0% hard costs</td>
<td>$74,600</td>
</tr>
<tr>
<td>Development Management</td>
<td>1.0% Allowance</td>
<td>$9,325</td>
</tr>
<tr>
<td>Insurance</td>
<td>1.0% Allowance</td>
<td>$9,325</td>
</tr>
<tr>
<td>Building Permits</td>
<td>Allowance</td>
<td>$8,266</td>
</tr>
<tr>
<td>General Administrative</td>
<td>Allowance</td>
<td>$10,000</td>
</tr>
<tr>
<td>Tenant Improvement Allowance (Retail Space)</td>
<td>$50 psf</td>
<td>$160,000</td>
</tr>
<tr>
<td><strong>Total Soft Costs</strong></td>
<td></td>
<td>$280,841</td>
</tr>
</tbody>
</table>

##### Financing

<table>
<thead>
<tr>
<th>Description</th>
<th>Value 1</th>
<th>Value 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Construction Loan</td>
<td>60.0% total cons costs</td>
<td>$728,005</td>
</tr>
<tr>
<td>Interest (50% average loan balance over 16 months)</td>
<td>5.00%</td>
<td>$24,267</td>
</tr>
<tr>
<td>Lender Fees</td>
<td>1.0% points</td>
<td>$7,280</td>
</tr>
<tr>
<td><strong>Total Financing Costs</strong></td>
<td></td>
<td>$31,547</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Description</th>
<th>Value 1</th>
<th>Value 2</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Subtotal</strong></td>
<td>$1,244,888</td>
<td></td>
</tr>
<tr>
<td>Contingency</td>
<td>5% of Hard Costs</td>
<td>$46,625</td>
</tr>
<tr>
<td>Total Construction Costs</td>
<td></td>
<td>$1,305,555</td>
</tr>
<tr>
<td>Developer Profit</td>
<td>5% of Hard Costs</td>
<td>$46,625</td>
</tr>
<tr>
<td><strong>Total Development Costs</strong></td>
<td></td>
<td>$1,352,180</td>
</tr>
</tbody>
</table>

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### Development Criteria

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Land Area (estimated)</td>
<td>10,000</td>
<td>S.F.</td>
</tr>
<tr>
<td>FAR</td>
<td>1.0</td>
<td>1.0</td>
</tr>
<tr>
<td>Additional Bonus FAR</td>
<td>0.0</td>
<td>0.0</td>
</tr>
<tr>
<td>Maximum Buildable Area</td>
<td>10,000</td>
<td>S.F.</td>
</tr>
<tr>
<td>Projected Height Limit</td>
<td>0</td>
<td>S.F.</td>
</tr>
<tr>
<td>Projected Building Area</td>
<td>0</td>
<td>S.F.</td>
</tr>
<tr>
<td>Total Parking Stalls</td>
<td>10</td>
<td>stalls</td>
</tr>
<tr>
<td>Parking Stall Square Footage</td>
<td>300</td>
<td>S.F./stall</td>
</tr>
<tr>
<td>Total Parking Area</td>
<td>3,000</td>
<td>S.F.</td>
</tr>
</tbody>
</table>

### Food Truck

**Projected Stabilized Revenue ($2016)**

<table>
<thead>
<tr>
<th>Description</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Site fees and percentage rent (10 trucks)</td>
<td>$3,000 per truck/month</td>
<td>$360,000</td>
</tr>
</tbody>
</table>

**Estimated Operating Expenses**

<table>
<thead>
<tr>
<th>Description</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Site Op. Exp.</td>
<td>$0.40 per sf/month</td>
<td>$48,000</td>
</tr>
<tr>
<td>Ground Rent</td>
<td>$0.70 per sf/month</td>
<td>$84,000</td>
</tr>
<tr>
<td>Wages</td>
<td>40.0% of revenue</td>
<td>$144,000</td>
</tr>
<tr>
<td>Marketing</td>
<td>3.0% of revenue</td>
<td>$10,800</td>
</tr>
<tr>
<td><strong>Total Expenses</strong></td>
<td>$286,800</td>
<td></td>
</tr>
</tbody>
</table>

**Total Projected Annual NOI**

<table>
<thead>
<tr>
<th>Description</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>20.3% of revenue</td>
<td></td>
<td>$73,200</td>
</tr>
</tbody>
</table>

### Development Costs

#### Hard Costs ($2016)

<table>
<thead>
<tr>
<th>Description</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Site Preparation/Grading</td>
<td>$15 psf land area</td>
<td>$150,000</td>
</tr>
<tr>
<td><strong>Total Hard Costs</strong></td>
<td></td>
<td>$150,000</td>
</tr>
</tbody>
</table>

#### Soft Costs ($2016)

<table>
<thead>
<tr>
<th>Description</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Architect/Mechanical/Civil/StructuralEngineer</td>
<td>5.0%</td>
<td>hard costs</td>
</tr>
<tr>
<td>Development Management</td>
<td>1.0%</td>
<td>Allowance</td>
</tr>
<tr>
<td>Insurance</td>
<td>1.0%</td>
<td>Allowance</td>
</tr>
<tr>
<td>Building Permits</td>
<td>0.0%</td>
<td>Allowance</td>
</tr>
<tr>
<td>General Administrative</td>
<td>0.0%</td>
<td>Allowance</td>
</tr>
<tr>
<td><strong>Total Soft Costs</strong></td>
<td></td>
<td>$19,400</td>
</tr>
</tbody>
</table>

**Subtotal**

<table>
<thead>
<tr>
<th>Description</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>$169,400</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Description</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Contingency</td>
<td>5%</td>
<td>of Hard Costs</td>
</tr>
<tr>
<td></td>
<td>5%</td>
<td>of Soft Costs</td>
</tr>
<tr>
<td><strong>Total Construction Costs</strong></td>
<td></td>
<td>$177,870</td>
</tr>
</tbody>
</table>

**Total Development Costs**

<table>
<thead>
<tr>
<th>Description</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>$177,870</td>
</tr>
</tbody>
</table>

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KAKAAKO MAKAI PARKS
Demand and Feasibility Analysis
Sports Complexes
12/16/15

Prepared for
PBR Hawaii

Prepared by
Colliers International Hawaii

TABLE OF CONTENTS

Introduction 2
Recreational Sports Facilities Market Overview 3
Trade Area Analysis 11
Demand Analysis 14
Financial Benchmarks 18
Recommendations 19
Introduction

The Hawaii Community Development Authority ("HCDA") engaged land planning firm, PBR HAWAII & Associates, Inc. to create a master plan for parks in the Makai Area of the Kakaako Community Development District ("Kakaako Makai Parks"). As part of this planning effort, feedback was garnered from stakeholders to identify potential commercial business concepts that would be supported by park users. Colliers was hired to explore these concepts for their market viability.

One of these concepts is a recreational sports complex. There are only a handful of these facilities on the island. Colliers will explore national and local industry trends, identify comparable local and national facilities, and determine the consumer support for a sports complex at Kakaako Makai Parks.

Amateur Sports and Recreational Facilities

There are two basic objectives under which the development of community and amateur sports and recreational facilities can be considered. The Local Model and the Sports Tourism Model. These are described below.

Local Model
The local model serves as a community asset providing sports, recreation, youth development, and educational services. In order to accomplish this goal, it is encouraged that the facilities develop their own program options and partnerships with existing community organizations such as Parks & Recreation, existing program providers, and coaches. By creating partnerships with groups and people who have the ability to bring existing teams/user groups to each location, the facility will immediately host multiple activities and serve a wide range of community pursuits.

During peak hours (after school/work and on the weekends), a local model indoor facility could offer indoor instructional clinics, leagues, tournaments, classes, and other programs for the following activities:

- Basketball
- Volleyball
- Court Events
- Court Rentals
- Wrestling
- Cheerleading
- Fitness & Training
- Party/Banquet Rentals
Sports Tourism Model

The goal of a sports tourism model is to attract teams, players, and spectators to the market to generate revenue for the facility and to create economic impact through direct spending in the community. Within the sports tourism model, there are two primary ways of developing tournaments: creating in-house tournaments and outsourcing tournaments to existing organizers/rights holders.

In-house tournaments require a significant amount of time, energy, and human resources to develop and execute. This type of event requires the facility to market the event, register teams, secure hotels, train staff, hire officials, manage play, etc. As such, significant revenue can be generated but the cost of doing business is high. Additionally, tournaments typically take multiple years to grow, so first-year (and often second-year) events are small, marginally profitable, and create a minimal economic impact.

Outsourced tournaments require much less work on the part of the facility because inventory is rented to a tournament provider who is in charge of securing teams and running the event. Outsourced tournaments often provide significantly greater economic impact in the early years of operation because they are established and grown at other facilities in prior years, so there are more teams in attendance. However, the amount of money the facility can generate on an outsourced tournament is limited because team registration fees always go to the rights holder and other revenue streams (e.g. hotel rebates, gate fees, etc.) are often collected by the rights holder as well.

In order to achieve the ideal balance of revenue generation for each facility and direct spending in the community, a facility at the Kakaako Makai Parks should strive for a mix of in-house tournaments and outsourced tournaments.

While there is potential to draw out-of-state tournaments to a suitable facility in Honolulu, this report will focus primarily on the local use aspect of demand.

National Facilities

There are only a handful of purpose-built sports recreational gym facilities on Oahu. To gain a better understanding of these types of facilities, we have researched various sports complexes on the mainland.

Greensboro Sportsplex

<table>
<thead>
<tr>
<th>Location:</th>
<th>Greensboro, North Carolina</th>
</tr>
</thead>
<tbody>
<tr>
<td>Owned/Operated by:</td>
<td>City of Greensboro Parks and Recreation Dept</td>
</tr>
<tr>
<td>Size:</td>
<td>106,000 square feet</td>
</tr>
<tr>
<td>Year Built:</td>
<td>2002</td>
</tr>
<tr>
<td>MSA Population:</td>
<td>732,801</td>
</tr>
<tr>
<td>Attendance:</td>
<td>Approx. 135,000/yr</td>
</tr>
<tr>
<td>Facilities:</td>
<td>8 full-length basketball/volleyball courts</td>
</tr>
<tr>
<td></td>
<td>4 indoor soccer fields</td>
</tr>
<tr>
<td></td>
<td>Inline roller hockey rink</td>
</tr>
<tr>
<td></td>
<td>Fitness center</td>
</tr>
<tr>
<td>Tournaments hosted/yr:</td>
<td>45 basketball/12 to 15 volleyball hosted annually with an estimated 75 teams and 700 spectators per event for basketball and 35 and 2,500 (for volleyball).</td>
</tr>
<tr>
<td>Fees:</td>
<td>Daily usage $5 - $6</td>
</tr>
<tr>
<td></td>
<td>Court Rental $60 - $90/hour</td>
</tr>
</tbody>
</table>
RECREATIONAL SPORTS FACILITIES MARKET OVERVIEW

Okun Fieldhouse
Location: Shawnee, Kansas
Owned/Operated by: Johnson County Parks and Recreation Dept
Size: 56,500 square feet
Year Built: 1999
MSA population: 544,179
Attendance (2014): 83,639
Facilities: 4 full-length basketball courts
8 volleyball courts
Tournaments: 10 basketball/12 volleyball hosted annually
with an estimated 30 teams and 700 spectators per event. Estimated 50,000 tournament participants/yr
Fees: Court Rental $60 - $90/hr

Plano Sports Authority
Location: Plano, Texas
Owned/Operated by: Plano Sports Authority
Size: 143,000 sf PSA1/95,000 sf PSA2
Year Built: 2002/2008
MSA Population: 885,241
Attendance: Serves 60,000 youths in area
Facilities: 22 basketball/volleyball courts
Multi-purpose turf area
Full-service cafe
Tournaments: 20 basketball hosted annually with an estimated 80 to 100 teams and 1,200 spectators per event.
Fees: Court Rental $50/hr

RECREATIONAL SPORTS FACILITIES MARKET OVERVIEW

Local Recreational Sports Facility Inventory

The inventory of indoor recreational sports facilities for public use is largely made up of school gym, city parks and community center facilities. The majority of these are limited in size and court offerings and are most-often used to support practices and in-season games. There is very limited ability with the existing inventory, to efficiently host a sizable indoor tournament for sports such as volleyball or basketball.

A review of Oahu's park facilities shows a total of 132 parks with basketball courts and 121 parks with volleyball courts. Colliers reviewed the websites of the more than 40 volleyball clubs to determine which school and park and recreation locations were used. As shown in the table to the right, there are approximately 33 facilities that are regularly used for volleyball club play. Furthermore, there are only 4 sand volleyball courts on the island. Most of these venues only have room for one court.

<table>
<thead>
<tr>
<th>OAHU PARKS - SPORTS FACILITIES</th>
<th>Number of Parks with this Use</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sport</td>
<td>107</td>
</tr>
<tr>
<td>Baseball/Softball</td>
<td>24</td>
</tr>
<tr>
<td>Football</td>
<td>132</td>
</tr>
<tr>
<td>Basketball</td>
<td>121</td>
</tr>
<tr>
<td>Volleyball</td>
<td>42</td>
</tr>
<tr>
<td>Soccer</td>
<td>49</td>
</tr>
</tbody>
</table>

Public Facilities for Volleyball Courts (Club Use)

<table>
<thead>
<tr>
<th>Parks &amp; Recreation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Schools</td>
</tr>
<tr>
<td>Aiea High School</td>
</tr>
<tr>
<td>Farrington High School</td>
</tr>
<tr>
<td>Hawaiian Mission Academy</td>
</tr>
<tr>
<td>Holy Nativity</td>
</tr>
<tr>
<td>Hongwanji Mission School</td>
</tr>
<tr>
<td>Kaimuki High School</td>
</tr>
<tr>
<td>Kaiser High School</td>
</tr>
<tr>
<td>Kamehaha Kekuhaupio Gym</td>
</tr>
<tr>
<td>La Pietra School</td>
</tr>
<tr>
<td>McKinley High School</td>
</tr>
<tr>
<td>Mid Pac</td>
</tr>
<tr>
<td>Moanalua High School</td>
</tr>
<tr>
<td>Pearl City High School</td>
</tr>
<tr>
<td>St. Andrews</td>
</tr>
<tr>
<td>St. Mark's</td>
</tr>
<tr>
<td>Star of the Sea</td>
</tr>
<tr>
<td>Ala Moana Beach Park</td>
</tr>
<tr>
<td>Booth District Park</td>
</tr>
<tr>
<td>Halawa District Park</td>
</tr>
<tr>
<td>Kaimuki Community Park</td>
</tr>
<tr>
<td>Kalakaua District Park</td>
</tr>
<tr>
<td>Kalihi Valley District Park</td>
</tr>
<tr>
<td>Koko Head Neighborhood Park</td>
</tr>
<tr>
<td>Lanakila District Park</td>
</tr>
<tr>
<td>Manoa Valley District Park</td>
</tr>
<tr>
<td>Nuuanu Valley Park</td>
</tr>
<tr>
<td>Palolo Valley District Park</td>
</tr>
<tr>
<td>Salt Lake District Park</td>
</tr>
</tbody>
</table>

Other
Palama Settlement
Community Church of Honolulu
Coast Guard Gym
Susannah Wesley Community Center

Source: Volleyball club websites and discussions with club representatives.
There are only a handful of purpose-built recreational sports facilities on the island. The University of Hawaii ("UH") Warrior Recreation Center in Mānoa and the Salvation Army Kroc Center in Kapolei are recently built multi-purpose gym facilities that are available for public use via membership or day passes. The UH facility is for students, faculty/staff and school affiliate use only.

### Oahu Recreational Indoor Sports Facilities

<table>
<thead>
<tr>
<th>Facility</th>
<th>Location</th>
<th>Year Opened</th>
<th>Total Complex Size (sf)</th>
<th>Total Cost</th>
<th>Gym Facilities</th>
<th>Gym Usage Rates</th>
<th>Membership (individual)</th>
</tr>
</thead>
<tbody>
<tr>
<td>The Salvation Army Kroc Center Hawaii</td>
<td>Kapolei</td>
<td>2012</td>
<td>27,087</td>
<td>$133 million</td>
<td>4,700sf; NCAA regulation sized court; 3 floors; 3 volleyball courts</td>
<td>Daily: $12 to $16; $5 to $10; $15 to $20/month</td>
<td>$99 to $99/month</td>
</tr>
<tr>
<td>University of Hawaii Warrior Recreation Center</td>
<td>UH Mānoa campus</td>
<td>2014</td>
<td>66,000</td>
<td></td>
<td>Basketball, Volleyball, Indoor Hockey, etc.; Indoor running track; 3 basketball courts; 2 full basketball courts/3 volleyball courts; 48-bed dormitory; Rock climbing walls</td>
<td>Daily: $5 to $10; n/a; $516 to $860 (1); $15</td>
<td>$25 to $30/month; n/a; n/a (1)</td>
</tr>
<tr>
<td>Palama Settlement</td>
<td>Kalihi</td>
<td>1982</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>DOE School Facilities</td>
<td>various</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Parks</td>
<td>various</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

(1) Includes utility and custodial charges.
Source: On-line research and discussions with facility representatives.

### Planned Inventory

In general, the majority of the existing inventory is older and limited in the amount of indoor space/courts that can be provided at one time. According to discussions with volleyball club representatives, the current inventory is sufficient but the demand is there for higher quality/state-of-art facilities, as well as multi-court spaces to hold tournaments.

### Fitness Centers

Additional competition to a sports facility at the Kakaako Makai Parks would be the various fitness centers located in the area.

- 24-Hour Fitness – 1000 Bishop St
- 24-Hour Fitness – Kapolei
- UFC Gym Kakaako – 805 Pohukaina St
- Crossfit Oahu – Reed Street
- Orangetheory (Kakaako) – 660 Ala Moana Blvd (under construction)
- Clark Hatch Fitness 745 Fort Street Mall
- Honolulu Fitness Center – 1146 Fort Street Mall
- Honolulu Club – 932 Ward Ave, 7th Floor
- Volcanic Climbing & Fitness – 1212 Punahou Street

The physical and operational characteristics of the existing inventory are considered together with an assessment of the characteristics of the trade area and interviews with representatives of local recreational sports organizations to estimate demand.
RECREATIONAL SPORTS FACILITIES MARKET OVERVIEW

The Center for Volleyball Excellence ("COVE")

There are plans by a private entity to develop a facility at Kakaako Makai Parks that is geared toward the volleyball community. The COVE is being spearheaded by Kevin Wong, a beach volleyball Olympian and former UCLA All-American and also involves several well-known business and community leaders.

COVE is being described as a "community center in the heart of Kakaako that brings families back to an area that has been neglected, [and as] a safe harbor for children in their quest for excellence in sports and excellence in life." The plan involves working with the Hawaii Tourism Authority, the NCAA and U.S.A. Volleyball in conjunction with holding events at COVE. Some of the planned events include a high school championship, a Pacific-Rim championship, a beach festival and even an NCAA championship.

Initial plans call for outdoor space for 6 sand volleyball courts and an approximately 50,000 square foot multi-purpose gym that could house 10 to 12 indoor volleyball courts. This facility would likely fill the void in the market for spaces to host large tournaments. Other indoor sports such as basketball, wrestling, cheerleading, martial arts, and so on, as well as non-sport community groups could also make use of the multi-purpose gym. Furthermore, the outdoor space could be used to accommodate concerts and other outdoor events besides volleyball. Peak weekend attendance is anticipated at 3,000 to 4,000 spectators/players. Per our discussion with them, their business plan does project enough revenue to be profitable.

COVE hopes to have an environmental impact statement completed early next year with groundbreaking aimed for sometime in 2016. The development costs for this facility are estimated at about $22 million.

TRADE AREA ANALYSIS

Trade Area Overview

When assessing the appropriate trade area that demand for a sports complex would be generated from, we looked at the following area characteristics:

- Transportation Access/Drive-time
- Population
- Age

Transportation Access/Drive-time

Transportation access to and from the site is key in terms of drawing local participation and interest from mainland tournament organizers and attendees.

Demographics were pulled for 15-minute and 30-minute drive time categories. As shown on the map, a 30-minute drive time covers the majority of the island except the North Shore and West Oahu past Kapolei. We can assume that drive-times for some parts of this area are likely to extend into the 30 to 45-minute or longer range depending on traffic. Large sports tournaments and events would likely draw from the entire island.

The 15-minute drive time area covers all of Urban Honolulu and extends into parts of East Oahu, Windward Oahu, and Leeward Oahu. Residents in these areas would likely participate in tournaments as well as daily/weekly team or open play.
TRADE AREA ANALYSIS

Demographics

We identified the Primary Trade Area for as being within a 15-minute drive time of the Kakaako Makai Parks site. While the 30-minute drive time category covered most of the island, we felt that residents would travel from all parts of the island to attend sports tournaments or special events at a new sports complex. Therefore, we assumed the rest of the island was the Secondary Trade Area.

<table>
<thead>
<tr>
<th>DEMOGRAPHICS (2015)</th>
<th>Primary Trade Area (15-minute Drive Time)</th>
<th>Secondary Trade Area (Remaining areas of the island)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Population</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Estimated Population (2015)</td>
<td>454,685</td>
<td>534,137</td>
</tr>
<tr>
<td>Projected Population (2020)</td>
<td>480,579</td>
<td>563,170</td>
</tr>
<tr>
<td>Projected Annual Change (2015-2020)</td>
<td>1.1%</td>
<td>1.1%</td>
</tr>
<tr>
<td>Historical Annual Change (2000-2015)</td>
<td>0.5%</td>
<td>0.9%</td>
</tr>
<tr>
<td>Households</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Estimated Households (2015)</td>
<td>167,658</td>
<td>157,114</td>
</tr>
<tr>
<td>Projected Households (2020)</td>
<td>175,142</td>
<td>163,498</td>
</tr>
<tr>
<td>Projected Annual Change (2015-2020)</td>
<td>0.9%</td>
<td>0.9%</td>
</tr>
<tr>
<td>Historical Annual Change (2000-2015)</td>
<td>0.6%</td>
<td>0.9%</td>
</tr>
<tr>
<td>Average Household Size</td>
<td>3.2</td>
<td>2.9</td>
</tr>
<tr>
<td>Age</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Median Age</td>
<td>38.7</td>
<td>37.6</td>
</tr>
<tr>
<td>Average Household Income</td>
<td>$95,325</td>
<td>$91,609</td>
</tr>
<tr>
<td>Estimated Average Household Income (2015)</td>
<td>$95,325</td>
<td>$91,609</td>
</tr>
<tr>
<td>Projected Average Household Income (2020)</td>
<td>$101,174</td>
<td>$97,065</td>
</tr>
<tr>
<td>Projected Annual Change (2015-2020)</td>
<td>1.2%</td>
<td>1.2%</td>
</tr>
<tr>
<td>Historical Annual Change (2000-2015)</td>
<td>2.6%</td>
<td>2.7%</td>
</tr>
</tbody>
</table>

Source: Sites USA

(1) Average HH Size, Median Age, and Average HH Income data are for entire island of Oahu.

Population

There are an estimated 454,685 residents within a 15-minute drive from the Kakaako Makai Parks site. In addition, there are more than 2,000 new condo units under construction with an additional 2,200+ planned for this trade area. The remaining island population is estimated at 534,137 residents.

Age

Another demographic characteristic that is important to the overall viability of a sports complex is the age of the local population. Sports participation trends can vary greatly by age and the type of sport. As a result, the age distribution of the trade areas will impact the type and amount of utilization at the subject site.

The median age for the primary market is 38.7 and 37.6 years old for the primary and secondary trade areas, respectively. The primary market area has a lower proportion of youths (age 7 to 17) than the national average, while the secondary market has slightly higher proportion. For residents age 18 to 34 years, The remaining age categories (35 years and older) have a slightly higher proportion (56% vs 54%) than the national average. The secondary market proportions are similar to the national averages.

To ensure that the facility offers an amenity for the community as a whole, a mix of youth and adult programming should be offered.
DEMAND ANALYSIS

The purpose of this section is to estimate the utilization levels that could be achieved for a sports facility at Kakaako Makai Parks. A variety of information sources have been used to gauge potential demand, including:

- A review of industry trends and sports participation levels
- Interviews with local sports organizations
- Review of historical utilization levels at comparable/competitive facilities

Sports Participation Trend Data

As an initial step in estimating demand, it is helpful to understand the approximate number of sports participants residing within the trade area. The Sports Business Research Network (SBRnet) compiles trend data on nationwide participation levels for a number of sports and recreational activities. Colliers estimated the number of participants for volleyball and basketball as these sports can utilize the same gym floor space.

### Primary Market Area (1), Estimated Participants by Age

<table>
<thead>
<tr>
<th>Age Range (years)</th>
<th>7-11</th>
<th>12-17</th>
<th>18-24</th>
<th>25-34</th>
<th>35-44</th>
<th>45-54</th>
<th>55-64</th>
<th>65-74</th>
<th>75+</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Population</td>
<td>16,231</td>
<td>29,745</td>
<td>44,709</td>
<td>70,126</td>
<td>57,261</td>
<td>56,830</td>
<td>56,718</td>
<td>42,099</td>
<td>41,837</td>
<td>417,555</td>
</tr>
<tr>
<td>Volleyball Participation as % of Population (2)</td>
<td>4.70%</td>
<td>10.60%</td>
<td>5.20%</td>
<td>3.90%</td>
<td>2.20%</td>
<td>1.90%</td>
<td>1.00%</td>
<td>0.40%</td>
<td>0.20%</td>
<td>30.10%</td>
</tr>
<tr>
<td>Estimated Participants</td>
<td>763</td>
<td>3153</td>
<td>2325</td>
<td>2735</td>
<td>1260</td>
<td>1080</td>
<td>567</td>
<td>168</td>
<td>88</td>
<td>12,138</td>
</tr>
<tr>
<td>Basketball Participation as % of Population (2)</td>
<td>21.10%</td>
<td>21.00%</td>
<td>13.80%</td>
<td>9.60%</td>
<td>5.50%</td>
<td>4.40%</td>
<td>1.90%</td>
<td>0.50%</td>
<td>0.00%</td>
<td>77.80%</td>
</tr>
<tr>
<td>Estimated Participants</td>
<td>3,425</td>
<td>6,246</td>
<td>6,170</td>
<td>6,732</td>
<td>3,149</td>
<td>2,501</td>
<td>1,078</td>
<td>210</td>
<td>0</td>
<td>29,511</td>
</tr>
<tr>
<td>Total Sports Complex Participants</td>
<td>4,187</td>
<td>9,399</td>
<td>8,495</td>
<td>9,467</td>
<td>4,409</td>
<td>3,580</td>
<td>1,645</td>
<td>379</td>
<td>88</td>
<td>41,649</td>
</tr>
</tbody>
</table>

(1) Primary market area is within 15-minute drive of site
(2) 2015 national percentages provided by SBRnet

Based on these national ratios, there are an estimated 12,138 potential volleyball participants and 29,511 basketball participants within a 15-minute drive of the site (primary market). The secondary market (the rest of the island) adds an additional 15,822 and 38,902 participants, respectively. Youths (age 7 to 17) and adults in the 18 to 34 years old age category capture the highest proportions of potential sports participants. Based on these findings, the programming for a new sports recreational facility should target both youths and adults.

### Secondary Market Area (1), Estimated Participants by Age

<table>
<thead>
<tr>
<th>Age Range (years)</th>
<th>7-11</th>
<th>12-17</th>
<th>18-24</th>
<th>25-34</th>
<th>35-44</th>
<th>45-54</th>
<th>55-64</th>
<th>65-74</th>
<th>75+</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Population</td>
<td>25,489</td>
<td>44,729</td>
<td>60,290</td>
<td>82,422</td>
<td>64,799</td>
<td>64,571</td>
<td>58,283</td>
<td>41,933</td>
<td>41,837</td>
<td>475,791</td>
</tr>
<tr>
<td>Volleyball Participation as % of Population (2)</td>
<td>4.70%</td>
<td>10.60%</td>
<td>5.20%</td>
<td>3.90%</td>
<td>2.20%</td>
<td>1.90%</td>
<td>1.00%</td>
<td>0.40%</td>
<td>0.20%</td>
<td>30.10%</td>
</tr>
<tr>
<td>Estimated Participants</td>
<td>1,198</td>
<td>4,741</td>
<td>3,135</td>
<td>3,214</td>
<td>1,496</td>
<td>1,227</td>
<td>583</td>
<td>168</td>
<td>60</td>
<td>15,822</td>
</tr>
<tr>
<td>Basketball Participation as % of Population (2)</td>
<td>21.10%</td>
<td>21.00%</td>
<td>13.80%</td>
<td>9.60%</td>
<td>5.50%</td>
<td>4.40%</td>
<td>1.90%</td>
<td>0.50%</td>
<td>0.00%</td>
<td>77.80%</td>
</tr>
<tr>
<td>Estimated Participants</td>
<td>5,378</td>
<td>9,393</td>
<td>8,320</td>
<td>7,913</td>
<td>3,740</td>
<td>2,841</td>
<td>1,107</td>
<td>210</td>
<td>0</td>
<td>38,902</td>
</tr>
<tr>
<td>Total Sports Complex Participants</td>
<td>6,576</td>
<td>14,134</td>
<td>11,455</td>
<td>11,227</td>
<td>5,236</td>
<td>4,068</td>
<td>1,690</td>
<td>377</td>
<td>60</td>
<td>54,724</td>
</tr>
</tbody>
</table>

(1) Secondary market area is the rest of the island outside of the primary market.
(2) 2015 national percentages provided by SBRnet
Population Demand Model

Since a volleyball facility is being proposed for Kakaako Makai Parks, Colliers examined the demand for volleyball courts using a national benchmark. According to the National Park and Recreation Association park and recreation standards and guidelines, there should be 1 volleyball court per 5,000 residents. Based on this ratio and the trade area population for residents of sports playing ages (7 to 75+ years old), there is demand for 84 volleyball courts. If we assume that the existing trade area park and other facilities with volleyball facilities have one court each, there would be a surplus of 12 courts.

While it appears that there is an adequate amount of courts to meet this demand, the quality and size of the facilities may not be sufficient to support the needs of the volleyball community.

<table>
<thead>
<tr>
<th>Volleyball Court Demand</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trade Area Population (Primary Market)</td>
</tr>
<tr>
<td>Volleyball Courts Demand (1 per 5,000 residents)</td>
</tr>
<tr>
<td>Trade Area Parks with Volleyball Use</td>
</tr>
<tr>
<td>Other Facilities (school gyms and community centers)</td>
</tr>
<tr>
<td>Shortage/(Surplus)</td>
</tr>
</tbody>
</table>

Volleyball Club Demand

Colliers conducted interviews with representatives of the USA Volleyball (USA) Aloha Region to assess their potential interest in utilizing a new facility for their events and activities. The Aloha Region consists of over 40 clubs and over 100 teams. Tournaments are scheduled every weekend from January through April. These representatives expressed a lot of interest in a new, higher quality, multi-court facility.

The following is a summary of the key findings of these interviews:

• There is a lack of quality facilities
• There is a lack of multi-court facilities to host regional/interisland and larger local tournaments. The few that are available are difficult to schedule.
• There are only a handful of sand volleyball courts. This lack of inventory has hindered the growth of this sport.
• Usage would depend on the fees charged. Tournament fees charged to teams are often not enough to cover the court rental costs.

Key Findings:
• Over 1,000 volleyball club players on Oahu
• Estimated 20 to 25 tournaments per year
• Weekend tournaments with 2 to 3 courts typically draw about 80 players per day
• Mainland facilities with 8 to 10 volleyball courts:
  - Host an average of 10 to 15 tournaments per year with 35 to 40 teams.
  - Average attendance is 500 to 750 spectators per tournament in addition to 300 to 500 players.
Financial Performance

Colliers performed a high level review of the financial performance of comparable mainland sports recreational facilities, as well as local facilities. The findings below should serve as general benchmarks for a more detailed feasibility analysis.

- Revenue streams from the following activities:
  - In-house sports club fees
  - Memberships
  - Group events/party space rentals
  - Court rentals
  - Tournaments
  - Food & Beverage
  - Government owned/operated facilities had break-even operations or the need for some subsidies. Benchmark facility operating income (EBIDTA) ratios for privately-owned facilities average 15% to 25% of stabilized revenues.

- Local volleyball court hourly rental rates range from $15 (city park facility) to $115 (community center)
- Local volleyball tournament fees range from $75 to $100 per team
- Court rental rates for comparable mainland facilities range from $60 to $100+ per hour

Recommendations

Summary

A recreational sports complex is a relatively new concept in urban Honolulu. While the UH Warrior Center and the Kroc Center in Kapolei have comparable multi-purpose gyms, public usage is limited by membership. And while the existing inventory of indoor courts is sufficient to meet demand based on national per capita benchmarks, the volleyball community has expressed a strong desire and need for a larger and higher quality multi-court facilities. Thus, we can qualitatively determine that there is a need for a multi-court facility.

A review of facilities in similar sized metropolitan areas indicates that a 10+ court facility could be the right size to serve the community. Based on existing club demand alone, a proposed facility can likely attract 10 to 15 local tournaments which is similar to what comparable mainland facilities host. The plans of the proposed COVE development also suggest hosting regional and even national tournaments. Furthermore, a multi-use gym facility could also be used for non-sport community activities such as group events, festivals, pop up markets, and small concerts.

However, considering the breakeven/subsidized operating income of city/county operated sports recreational facilities on the mainland, the development of a new facility by the HCDA is not likely to be financially feasible. A privately-developed and operated facility would alleviate the risk and financial burden for the HCDA.
Amphitheater Demand and Feasibility Analysis
12/21/2015

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<td>12</td>
</tr>
<tr>
<td>Recommendations</td>
<td>15</td>
</tr>
</tbody>
</table>
Introduction

The Hawaii Community Development Authority ("HCDA") engaged land planning firm, PBR & Associates to create a master plan for Kakaako Waterfront Park. As part of this planning effort, feedback was garnered from stakeholders to identify potential commercial business concepts that would be supported by park users. Colliers was hired to explore these concepts for their market viability. One of these concepts is that of an outdoor amphitheater.

Kakaako Waterfront Park has an outdoor amphitheater facility that is underutilized and not actively marketed to event and concert promoters for rent. Colliers reviewed national trends for concert and event promotion, evaluated financial performances of competitive sites and interviewed local event promoters to measure their support for a new outdoor concert venue or a relocated and enlarged concert venue at Kakaako Waterfront Park.

National Trends

The U.S. national concert and event promotion industry projected an annualized growth rate for 2015 of 4.7% as revenues rose to $25.1 billion. Revenue is projected to growth at a 5.1% rate in 2015 for live musical performances. Over the next five years, industry revenue is forecasted to climb by an annualized rate of 5.0% and increase to $32.1 billion by 2020.

Real household disposable income is this industry’s primary economic indicator as it demonstrates an individual’s willingness to spend on entertainment. Disposable income which grew by a 1.5% annualized rate over the previous five years is projected to continue to rise. The U.S. economy is forecasted to continue to improve and will positively impact spending for concert and event attendance.

Live music concerts constitute 50.1% of the total industry revenues. With physical and digital record sales declining, live musical performances has become a major revenue earner for both musicians and event promoters. Open air events such as festivals, state fairs, cultural events and pageants constitute 20.4% of the industry’s revenue and this was followed by theatrical performances, non franchise sporting events and public speaking events. The concert and event promotion industry is in the growth stage of its economic life cycle and its future will likely be characterized by revenue growth that is higher than that of the overall economy.

Ticket sales remain a major source of industry revenue, but its importance is in decline. The ability to maximize revenues from alternative sources such as sponsorships, artists services, merchandise and concession sales and parking revenue will be key determinants of a promoter/venue’s success. Profit margins for concert and event promoters vary widely and are highly dependent upon maximizing ticket sales, and whether the promoter rents or owns its own facilities. Additionally, promoter’s profit margins are greatly enhanced should they share
National Trends

profits generated from food and beverage and merchandise sales. According to AEG Live (national concert promotion company) profits could easily range for a stand-alone event of 6% to 8%, but could increase to a range of 18% to 22% when combined with real estate revenue. The average profit market for concert and event promoters is estimated at 10.9% of revenues for 2015.

Operators must make the most of their facilities by selling out events and renting venues to third party companies when not in use. By optimizing a venue’s capacity, this translates into lower per unit/event costs and enables promoters to offer consumers with more affordable ticket prices.

Companies that own venues or provide venue management services generate revenue primarily from ticket service charges, rental income, premium seating and venue sponsorships as well as a percentage of concessions, merchandise and parking revenues. Profit margins for promoters that own their facilities are significantly higher than promoters that rent their facilities and do not share in concession or parking revenues.

Notable Open Air Concert Venues

Colliers compiled information on several notable U.S. amphitheaters and compared seating capacity and demographics information. The following examples are for successful concert venues that have capitalized on their unique geographies and waterfront locations. Additionally, many of these amphitheaters are located within driving distance of major metropolitan markets that provide the customer base for events at these 10,000 + seat arenas.

Notable U.S. Amphitheaters

Red Rocks Amphitheater, Denver CO

The Red Rocks Amphitheater is located in Morrison Colorado, which is 10 miles west of Denver. This open air venue is fashioned among large rock outcroppings located in Red Rocks Park. The facility is owned and operated by the City and County of Denver.

The venue has a seating capacity of 9,525 and has five meeting rooms for smaller events. For 2015, Red Rocks hosted 124 music events. Total population is roughly triple that of Honolulu.
Nikon at Jones Beach Theater, Wantagh NY

The Nikon at Jones Beach Theater is located in Wantagh, NY that has a population of 18,871, but is within the New York metropolitan area with an estimated population of more than 23.6 million. Within the 50 mile radius of The Nikon, 18.01 million reside.

The venue has a seating capacity of 15,000. The Bandshell and Poolshell, which are two additional stages outside of the Jones Beach Theater offer additional music options and are used for the many free concerts for local and regional acts.

MidFlorida Credit Union Amphitheater, Tampa, FL

The MidFlorida Credit Union Amphitheater located in Tampa FL, is the largest facility in the Tampa area. Owned and operated by the Florida State Fair Authority, this venue seats up to 20,000. Within a 50 mile radius, this facility can draw attendees from a population base of 4.13 million. The 42.3 median age is one of the oldest of these selected amphitheaters.
The Isleta Amphitheater located in Albuquerque, NM is owned by entertainment conglomerate Live Nation. This venue can seat up to 15,000 in its open air facility.

The Albuquerque metropolitan area is similar to Honolulu, with population counts near 1.0 million and household counts around 360,000. The median age of 36.5 is also very similar to Honolulu’s median age of 36.6.

Situated in 300-acre Woodland Park, the Rotary Amphitheater is located on the banks of the San Joaquin River, in Fresno CA. This facility seats up to 3,500 and 70% of these seats have protection from the elements.

The population base of 1.55 million is similar in size to Honolulu at 1.0 million. The Fresno median age is decidedly younger at 31.3 vs. 36.6 for Honolulu.
The Snow Park Amphitheater located in Park City UT is an open air 6,000 seat facility open during the warmer summer months. Adjacent to Deer Valley Resort, concert attendees may bring their own food and relax on blankets on the sloped open green areas fronting the stage.

The population base of 2.3 million within a 50 mile radius of the venue is roughly double that of Honolulu HI.

The Les Schwab Amphitheater is located in Bend OR, which has a population of 81,236. This outdoor, riverfront theater sits on the west bank of the Deschutes River at an elevation of 3,600 feet.

The venue has a seating capacity of 8,000. In a 2010 Bend Oregon County economic study, it estimated that 39 percent of the audience is from out of town. Of the out of town attendees, 80 percent came specifically for a concert performance.

This venue typically starts its concert season in early May and runs until early October.
The Gorge Amphitheater is located in the rural town of George above the Columbia River in Washington state which is located 150 miles east of Seattle. The venue has a seating capacity of 27,500 (which incudes the lawn area) and event attendees have a spectacular view of the Columbia River gorge canyon and the surrounding vistas.

The Gorge has been voted as the best outdoor concert venue by the Wall Street Journal, Pollster, and Concertboom. Population counts are less than 50% of Honolulu, but the ability to draw audiences beyond the 50 mile radius is a primary reason for its success.

Kakaako Waterfront Park - Demographics

Kakaako Waterfront Park unique waterfront property with views of ocean, sunset and both downtown and Waikiki.

While there is an existing amphitheater at the southwestern end of the park, it is underutilized and could use additional investment to add reserved seating, as well as upgrades for power, lighting and mechanical systems for staging.
Kakaako Waterfront Park Ratio Analyses

Colliers compared annual household consumer spending for entertainment fees and admissions for the eight amphitheater locations. In order to effectively compare these metropolitan and rural locations, we created ratios of entertainment spending on a per capita basis for a concert’s target market demographic (those aged 20 – 44 years old). We also categorized these amphitheaters based on the size of their populations.

### Kakaako Waterfront Park Radius Maps (10, 25 and 50 miles)

![Maps 1](image1.png)

### Amphitheater Ratio Analyses

<table>
<thead>
<tr>
<th>Demographic Variables</th>
<th>Miami Beach</th>
<th>Tampa</th>
<th>Orlando</th>
<th>Jacksonville, FL</th>
<th>Atlanta, GA</th>
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<tr>
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<td>25 Mile Population</td>
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</tr>
</tbody>
</table>

**Maps 2:**
- Miami Beach
- Tampa
- Orlando
- Jacksonville, FL
- Atlanta, GA
- Charlotte, NC
- Washington, DC
- Seattle, WA
- San Francisco, CA
- New York, NY

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15
Amphitheater Ratio Analyses

Colliers utilized several industry metrics to compare entertainment expenditures across multiple markets. These are:

**Per Capita Annual Entertainment Expenditures** - Expenditure data is compiled from the U.S. Census that measures annual household expenditures for entertainment fees and admissions, which covers music, theater and sporting event spending. Colliers extrapolated data to determine the per capita spending for each amphitheater location. A market that generates an above average level of per capita entertainment expense is considered an attractive market for an amphitheater development.

Those markets with the highest per capital annual entertainment expenditures were located in Denver, CO (Red Rocks Amphitheater), Tampa, FL (MidFlorida Amphitheater) and Bend, OR (Les Schwab). Of the eight locations analyzed, **Honolulu ranked among the bottom two**.

**Entertainment Expenditures / Per Capita Income** – The per capita annual entertainment expenditure is compared against total per capita income to determine if a specific market allocates a higher percentage of their income for entertainment. An above average percentage ratio would indicate an attractive market for amphitheater development.

Despite Honolulu ranking among the top two markets for per capita income, it **ranked near the bottom with only 0.69%** of per capita income allocated to entertainment spending.

**Entertainment Expenditures/Target Age Population** – The prime target audience for most concerts are aged between 20 – 44 years old. It is this market that are the biggest spenders on concerts and outdoor entertainment. The larger the dollar amount that this target audience allocates to entertainment, the stronger likelihood of a favorable entertainment venue market.

Topping the list of locales with the highest allocation for entertainment expenditures by the prime target market demographic was the rural community of Bend, OR at $222.09 spent per year, this was followed by Tampa, FL at $203.98, and Denver, CO at $201.98. **Out of eight locations, Honolulu ranked among the bottom three.**

---

Competitive Honolulu Venues

<table>
<thead>
<tr>
<th>Performance Venues</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arts at Marks Garage</td>
<td>75</td>
</tr>
<tr>
<td>Atherton Studio</td>
<td>75</td>
</tr>
<tr>
<td>Kumu Kahua Theater</td>
<td>100</td>
</tr>
<tr>
<td>Manoa Valley Theater</td>
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</tr>
<tr>
<td>Chaminade Theater</td>
<td>275</td>
</tr>
<tr>
<td>Paliku Theater</td>
<td>300</td>
</tr>
<tr>
<td>Diamond Head Theater</td>
<td>500</td>
</tr>
<tr>
<td>Mamiya Theater</td>
<td>500</td>
</tr>
<tr>
<td>Kennedy Theater</td>
<td>600</td>
</tr>
<tr>
<td>Kaimuki High School Auditorium</td>
<td>675</td>
</tr>
<tr>
<td>McKinley High School Auditorium</td>
<td>1,000</td>
</tr>
<tr>
<td>Hawaii Theater</td>
<td>1,400</td>
</tr>
<tr>
<td>Andrews Amphitheater</td>
<td>3,500</td>
</tr>
<tr>
<td>Waikiki Shell</td>
<td>8,000</td>
</tr>
<tr>
<td>Neal Blaisdell Arena</td>
<td>8,000</td>
</tr>
<tr>
<td>Stan Sheriff Center</td>
<td>11,300</td>
</tr>
<tr>
<td>Aloha Stadium</td>
<td>50,000</td>
</tr>
</tbody>
</table>

Source: Neil Blaisdell Center Master Plan June 2015

Local Concert and Event Market

Honolulu has a number of public and private venues that could host concerts ranging in size from 75 to 50,000. Additionally, many Honolulu hotels have meeting and conference rooms with seating capacities that can accommodate up to 200 to 1,200 attendees. Based on the size of their audience, an event planner would have a number of options available to choose from.

A new Kakaako Waterfront Park Amphitheater would be in direct competition with venues with larger seating capacities such as the Andrews Amphitheater, Hawaii Convention Center, Waikiki Shell, Neal Blaisdell Arena, Stan Sheriff Center and Aloha Stadium. These aforementioned facilities are all operated by either the City and County of Honolulu or the State of Hawaii.

Only Andrews Amphitheater, Waikiki Shell and Aloha Stadium are outdoor facilities.
Local Concert and Event Market

Andrews Amphitheater
Located on the University of Hawaii at Manoa campus, Andrews Amphitheater was built in 1935. This open air facility can seat up to 3,500. This facility is not operated as a “for profit” facility as it provides significantly discounted rates for university–affiliated organizations ($30.00/day). Rates for non-university organizations is $300.00/day. Despite these low rental rates, Earl Matsushita, University of Hawaii facilities manager, mentioned that there are roughly 12 events held per year at Andrews.

This facility does have a number of restrictions, which can impact an event promoter’s ability to generate additional revenue. This site is only open during non-school hours (Friday 5:30 – 10:30 PM, Saturday from 2:00 PM to 10:30 PM, and Sunday from 2:00 PM to 6:30 PM). No alcohol is permitted on campus and all food/beverage services must be handled by Sodexo (on-campus UH food contractor). Sound levels shall not exceed 55 dBA and should be lower than 45 dBA after 10:00 PM. Portable bathroom facilities need to be provided for each authorized event. There are electrical power limitations in Andrews and standby power may be needed.

Hawaii Convention Center
The Hawaii Convention Center was built in 1998 with its objective to build business group travel and convention business. This 1.1 million square foot facility expects to generate $13.4 million in gross revenues for year-end 2015. While still not profitable since its opening, the growth in revenues and shrinkage in expenses to operate this facility is believed to be trending in the right direction.

The number of events fell from last year’s 182 to 176 for 2015 and its occupancy rate fell from 32 percent to 31 percent during this same time period. Teri Orton, Hawaii Convention Center General Manager, stated that a successful convention center should have an average occupancy between 40 and 60 percent. The Hawaii Convention Center still has a ways to go before accomplishing this goal.

Competitive Honolulu Venues

Local Concert and Event Market

Neal Blaisdell Center
Honolulu’s concert and event promotion industry is very active with recent performances and planned events for world renown performers such as Janet Jackson, Diana Ross, Stylistics and UB-40. The most popular events are held at Neal Blaisdell Center (“NBC”), which has a capacity of up to 8,000 at the NBC Arena. The NBC Concert Hall can seat 2,174 and the NBC Exhibition Hall has exhibition space of up to 85,000 sq. ft. Built in 1964, the NBC complex is visited by more than 800,000 people per year. There are 1,521 total parking stalls within its parking structure and at grade. For 2014 there were 132 events held at the Arena, a slight decrease from the 146 held in 2013.

While the goal is to maximize revenues to support operations, the 2015 Neal Blaisdell Center Master Plan Summary of Existing Conditions report by planning firm AECOM, indicated that expenses were greater than revenues and that the facility suffers from outdated operations model and technology.

Waikiki Shell
The NBC and the Waikiki Shell are both managed by the City & County of Honolulu’s Customer Services (Enterprise Services Division) which oversees the Sales and Marketing, Production and Box Office. The Waikiki Shell, built in 1958, and is an outdoor amphitheater which has reserved seating of 1,958 with an additional 6,000 available on the open lawn. Parking is free in the adjacent parking lots.

This facility would be the primary comparable for an outdoor amphitheater development at Kakaako Waterfront Park. The 2014 City & County Annual Report indicated that the Waikiki Shell was booked for 41 days. At this level of activity, the Waikiki Shell is not producing a profit.
Local Concert and Event Market

Stan Sheriff Center
The Stan Sheriff Center is best known as the home to the University of Hawaii at Manoa’s basketball and volleyball games. In addition to school functions, this venue hosts non-school functions as well. This facility has a concert seating capacity of 11,300. The arena stands 113-feet tall and is capped by an aluminum dome. The two concourse levels combined cover a total of 187,000 square feet. Built in 1994, this facility is the newest of the four large concert venues on Oahu.

Aloha Stadium
Built in 1975, Aloha Stadium is home to the University of Hawai’i’s football team and has hosted the Pro Bowl and the Hawaii Bowl for more than thirty years. Its original design allowed for different configurations to allow for concerts, baseball and football events. Unfortunately this feature is no longer available. With a maximum seating capacity of 50,000, the largest single event concert seated 38,000 for a Janet Jackson concert.

Promoter’s Interviews

Local Promoter Interviews
In addition to reviewing market demographics and industry market ratios, conducting a comparative analysis of national and local event locations, Colliers conducted interviews with several concert and event promoters to garner feedback regarding their thoughts about the availability of another concert venue.

What size venue would you recommend be built...

Burt Kawasaki
"The lack of facilities requires that I have to schedule events further and further away from my typical target audience. We have a large event planned at the Waimanalo Polo Fields with talent that is costing me $250,000 and up to 10,000-15,000 people buying tickets"

Ryan Davis (Bassment Hawaii)
"I feel there is a need for a facility that can accommodate 10,000 seats. The problem with the Waikiki Shell is that there is a curfew and a noise requirement that restricts use. I’ve used the Aloha Tower Marketplace for events, but now that facility is no longer available. Ideally, there would be flexibility to have a facility range from 4,000 to 10,000 seats. The sweet spot is anything above 3,000 seats."

Mike Licata
"I’ve booked events at Hollywood Bowl (6-7,000 seats) and Irvine Meadows (11-12,000 seats). The preference would be to allow for flexibility for the promoter to use a site appropriate for the entertainer’s audience"
Tom Moffett

“Many mainland big ticket entertainers do not want to come to Hawaii due to the size of the venues. They desire larger seating capacity with 10,000+ seats in order to make the costs to bring their production to Hawaii cost effective. I would support any venue that could accommodate audiences larger than the NBC.”

If Built, How Many Events Would You Be Able to Book on a Monthly Basis?

Ryan Davis
“I believe for a facility with my requirements, I could commit to providing at least one performance per month using 4,000-10,000 seats”

Mike Licata
“I could provide up to 3 events per month”

Greg “G-Spot” Dehnert
“Probably up to two events per month”

Burt Kawasaki
“Up to two events per month with crowds in excess of 3,000 seats”

==

What Factors Impact Your Ability to Host a Successful Event?

Ryan Davis
“I would like to be able to have to ability to allow our performances to run till 12:00 midnight or even 2:00 AM. Additionally, the red tape to fill out forms and documents for insurance to indemnify the venue for damages is cumbersome. For Waikiki Shell the cost for the promoter was as much as $10 per attendee should be below $5.00 per head. This is even without revenue sharing, plus we had to pay for power, security, lighting, stage set up etc... Promoters are faced with tons of expenses and we don’t share in concessions fees and revenues (at Shell or NBC).”

Burt Kawasaki
“the State would not allow us to host events till 2:00 AM. The hottest events are for top named DJ’s that can fill 10,000 attendee facilities, but these events run late into the night”

Tom Moffett
“A large number of reserve seating allows us to charge for premium seats, prefer a facility with a high percentage of fixed seating. We could charge up to $100 per seat for reserved seating. The Waikiki Shell held a regular evening event, the ‘Kodak Hula Show’ which helped to keep interest the facility at a high level, this should be considered for this venue so that continual revenue is generated”

Greg “G-Spot” Dehnert
“Would like a share of concession, food, merchandise and alcohol sales revenues…both the Shell and NBC do not allow percentages for promoters”
Promoter’s Interviews

**What Issues would a Kakaako Waterfront Park Amphitheater Face?**

Ryan Davis
“Parking is a big issue, if there were a 10,000 attendee event, where and how would these people get to and from an event”

Burt Kawasaki
“The site is ideal, within town and event attendee access is great. Facility would have to accommodate increased need for parking and security”

Tom Moffett
“Need to buffer sound, if entertainers are facing towards town, complaints about loud sounds would create a problem, especially if there were no 10:00 PM curfew”

Greg “G-Spot” Dehnert
“Will the government or a private developer/promoter operate the facility? There is a vested interest by promoters to make sure their events are well attended and profitable whereas a governmental body does not”

Factors to Consider

1. Weak Consumer Demand

Based on demand analyses that incorporated demographics data and entertainment fee expenditures for comparable venues, Kakaako Waterfront Park does not appear to be a favorable location for a new amphitheater development. Entertainment expenditures per capita, entertainment spending as a percentage of total per capita income, and entertainment revenue per capita for the target demographic (20-44 year olds) are all below comparable metropolitan areas. These lower event expenditures could also be related to the lack of quality event locations resulting in fewer concert/events being held in Honolulu.

*Consumer entertainment expenditure demand metrics do not appear favorable for consideration of a large amphitheater development.*

2. High Level of Competition

The large number of Waikiki hotel facilities are able to host events (under 1,500) as well as public and private event facilities serve as major competition for smaller venue events. For larger event venues, an amphitheater development would be in competition with Andrews Amphitheater, Hawaii Convention Center, Waikiki Shell, Neal Blaisdell Center Arena, Stan Sheriff Center and Aloha Stadium which have seating capacities ranging from 3,500 – 50,000. Many of these facilities are managed and operated by either the City and County of Honolulu or the State of Hawaii (inclusive of the Aloha Stadium Authority and University of Hawaii). The negative financial performances of these facilities reflects the difficulty in meeting optimal utilization. Most of these facilities require government subsidies to continue operating and have not yet generated a profit. In an interview with Mary Wells, NBC and Waikiki Shell events manager, she mentioned that these facilities are operated for the public good and not driven by profit objectives. The Waikiki Shell is busy during the summer months, but events diminish substantially for fall and winter months. NBC management objective are mandated to cover operating costs and this does not include paying off debt or capital improvement projects.

Additionally, promoters are often hampered by curfews, noise restrictions, lack of alcohol or merchandise revenue sharing, high costs for labor and electricity/power, which all hit a promoter’s bottom line and impact the number of concerts and events held.

*Negative financial performances of these competitive venues is unfavorable for development.*
3. Promoters Support New Development

Event and concert promoters that were interviewed felt that there is demand for a facility that could accommodate up to 12,000 people. Informally, there is a belief that promoters would be able to generate between 48 to 60 events a year. While this level of activity would be comparable to the Waikiki Shell, a large majority would not be for events in excess of 10,000 seats. Several promoters mentioned that a modern concert facility that could accommodate between 3,000 and 5,000 could be ideal. In addition to the number of events that could be generated, promoters identified several additional issues that need to be addressed that would directly impact their financial returns.

A. Concerns over whether a developer would own and operate the facility, or would the government operate the facility?
B. How would parking be addressed for an event of 10,000+ attendees?
C. Promoters desire for a percentage of concession and merchandise sales?
D. Promoters mentioned about the surrounding residential community being concerned over noise and whether there will be restrictions relating to allowable decibel levels. The new facility will have to successfully buffer noise levels.
E. The Waikiki Shell’s 10:30 PM curfew was a big issue and there were hopes that the new facility would be more liberal in late night hours of operation.
F. Flexibility of seating (premium seating would allow for higher revenues).

Promoter interest remains strong for a newer/modern amphitheater development

Recommendations

Collier’s demand models indicate that Honolulu residents are below average in their spending for entertainment. In fact, of the eight event venues analyzed, Honolulu typically ranked among the lowest quartile. Of the local concert venues evaluated for this study, none are earning a profit. While this financial outcome can be explained by the need for many of these facilities to support the “public good” can often translate into events hosted by low income generating events and the underutilization of the facility. The fixed costs to air condition/ light an 8,000 seat arena is the same for an event that sells 500 seats or 8,000 seats.

Nonetheless, a private “for profit” operated facility would likely have an upper hand by more actively promoting their facility and coordinating only profitable events. A privately owned facility would be better able to invest in upkeep and maintenance for their facility and likely successfully fill a good portion of the event calendar. The combination of poor quality facilities and the lack of revenue sharing for promoters have a dampening effect on a promoter’s enthusiasm to host events at these facilities.

Recommendations

The lack of a successful financially viable concert venue in Honolulu serves as a harsh reality of the difficulties in optimizing the use of the existing concert/event venues. Despite a strong level of promoter support for a larger concert/event facility (10,000+ seats), the current level of demand would not justify the expense of building a new facility. In our interview with the Mary Wells, she mentioned that only three events during 2015 topped 10,000 seats.

If consideration were given for a smaller venue (between 3,000 – 5,000 seats) the existing competition for events would come from the Waikiki Shell, NBC Arena, and Stan Sheriff Center (all government run facilities). The Waikiki Shell hosted 41 events in 2014 and remains filled during the summer months, but the facility is underutilized during the rest of the year.
A new modern facility with adequate power, lighting, staging, parking and concession/revenue sharing capacities would attract strong promoter interest. Additionally, if this new facility had a more liberal curfew, allowed alcohol sales, and reduced its noise level requirements, promoters would be more inclined to consider this venue as an option.

While Collier’s does not recommend the development of a new Kakaako amphitheater, consideration should be given to more active marketing of the existing amphitheater facility. Should this result in a healthy increase in booked events, smaller investments such as providing increased electrical power, installing flexible fixed seating, upgrading the staging and lighting equipment and putting up permanent fencing should be considered.
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Introduction

The Hawaii Community Development Authority ("HCDA") engaged land planning firm, PBR & Associates to create a master plan for Kakaako Waterfront Park. As part of this planning effort, feedback was garnered from neighborhood stakeholders to identify potential commercial business concepts that would be supported by park users. Colliers was hired to explore these concepts for their market viability. The first of these concepts is that of a beer garden.

By definition, a beer garden (taken from the German “biergarten”) is an open-air space where beer and food are served. The concept actually originated as Bavarian breweries planted gardens above cellars to keep their lagers cool enough to ferment underground. Many clever breweries turned these spaces into outdoor spaces with communal seating that serve beer and traditional food.

While a traditional German beer garden may seem out of place in Honolulu, many of the desired elements such as open air, tree-lined, communal spaces are available throughout Kakaako Waterfront Park. Colliers will explore national and local beer industry trends, identify local comparable beer establishments and determine the consumer support for a "beer garden" establishment at Kakaako Waterfront Park.

National Beer Trends

National Trends

In 2013, U.S. beer production rose to 191.98 million barrels of beer. This equated to more than $174 billion in total beer sales. While the domestic beer market is faced flat volume in 2014, the 2.7% increase in domestic beer sales was principally due to price increases and a bump in super-premium beer sales. The largest domestic brands include Budweiser, Coors and Miller which account for nearly 54% of total domestic beer sales. While domestic beer sales remained flat, growth is being experienced among imported beer which posted a 6.5% jump in volume and an 8.2% increase in sales. Much of this imported beer growth is attributed to the success of Mexican beer brands such as Dos Equis, Corona and Modelo Especial which account for 63% of the dollars spent in this segment.

While craft beer sales constitute a very small percentage (8.8% share) of the total beer market, the rapid proliferation of new small breweries has become the primary driver for expanding beer sales. In 2014, craft beer volume increased more than 17%, and dollar sales rose by 20.5%. Between 2009 and 2014, craft beer volume had increased by a tremendous 81%. This pace of growth has been impeded by the limited distribution and lack of shelf space in many convenience/grocery stores available for small regional breweries.

Craft beers are capitalizing on their ability to broaden their styles and varieties of beer they offer. As craft beer brewers provide more flavors, this trend is garnering an increased interest from the millennial generation that has shown an interest in expanding their tastes beyond “Dad’s Budweiser”. In fact, in a 2013 Nielsen survey that asked the reasons for purchasing craft beer, 50% of consumers that responded mentioned that they wanted to experiment with different styles and flavors. While per alcohol consumption stayed relatively constant during the past five years, consumer have steadily shifted away from big name beers like Budweiser, Miller or Coors and substituted them with craft beer products. The craft beer segment experienced an annualized growth of 18.8% between 2010 and 2015 and is projected to surpass $6.5 billion in sales in 2020. The average annual profit for craft beer vendors is a healthy 8.2% of revenue.
Gallup regularly conducts an annual survey of random Americans for their drinking habits. Their 2014 survey found that 64% surveyed said that they “have occasion to use alcoholic beverages”. Of those surveyed that drink alcohol, 67% indicate that they have at least one drink in the past week and 41% prefer beer.

Among men, 57% prefer beer over wine (17%), whereas 46% of women preferred wine. For 18-to-34 year olds, 48% preferred beer and for those aged 35-to-42, 43% preferred beer. Only the 55+ aged cohort selected wine (38%) over beer (32%).

Of those that consumed alcohol, the average number of drinks that they had over the past week was 4.1. Roughly 50% had between one and seven drinks per week with 14% consuming more than 8 drinks per week.
Kakaako Waterfront Park - Demographics

We identified that the prime target market for a beer garden would be those that live or work within a 2-mile radius of Kakaako Waterfront Park.

Sites USA™, a census tracking software program, indicated that 95,429 residents live in the area, with 190,028 (daytime population) that work in the area. This would be our potential consumer base for the beer garden.

<table>
<thead>
<tr>
<th>Kakaako Waterfront Park Demographics</th>
<th>0.5 Mile</th>
<th>1.0 Mile</th>
<th>2.0 Mile</th>
</tr>
</thead>
<tbody>
<tr>
<td>Estimated Population (2015)</td>
<td>1,198</td>
<td>12,148</td>
<td>95,429</td>
</tr>
<tr>
<td>Projected Population (2020)</td>
<td>1,235</td>
<td>12,760</td>
<td>102,504</td>
</tr>
<tr>
<td>Projected Annual Growth (2015-2020)</td>
<td>36%</td>
<td>0.6%</td>
<td>1.0%</td>
</tr>
<tr>
<td>Estimated Population Density (2015)</td>
<td>1,529 psm</td>
<td>3,870 psm</td>
<td>7,600 psm</td>
</tr>
<tr>
<td>Estimated Households (2015)</td>
<td>426</td>
<td>6,008</td>
<td>43,765</td>
</tr>
<tr>
<td>Projected Households (2020)</td>
<td>442</td>
<td>6,240</td>
<td>46,416</td>
</tr>
<tr>
<td>Projected Annual Growth (2015-2010)</td>
<td>15%</td>
<td>0.7%</td>
<td>0.8%</td>
</tr>
<tr>
<td>Average Household Income (2015)</td>
<td>132,186</td>
<td>81,108</td>
<td>67,972</td>
</tr>
<tr>
<td>Projected Household Income (2020)</td>
<td>139,867</td>
<td>85,982</td>
<td>71,388</td>
</tr>
<tr>
<td>Projected Annual Change (2015-2020)</td>
<td>7,681</td>
<td>4,875</td>
<td>3,616</td>
</tr>
<tr>
<td>Total Businesses</td>
<td>869</td>
<td>5,480</td>
<td>12,210</td>
</tr>
<tr>
<td>Total Employees</td>
<td>1,646</td>
<td>68,727</td>
<td>158,629</td>
</tr>
<tr>
<td>Daytime Demographics Age 16 Years of</td>
<td>12,142</td>
<td>72,881</td>
<td>190,028</td>
</tr>
</tbody>
</table>

Source: Sites USA

Weekly Drink Consumption Demand Model

Beer Garden Demand Analysis (Weekly Drink Consumption Methodology)

We incorporated these national survey findings and applied them to the population within a 2-mile radius of Kakaako Waterfront Park. The census indicated that 190,028 people live and work within this area. Using this population base, we incorporate the ratio for those that drink alcohol (64%) and prefer beer (41%) to determine that there are 74,904 potential consumers for a beer garden. With an average of 4.1 drinks per week, we estimated that the number of drinks consumed outside the home would be 1.72 (ratio of alcohol consumed away from home vs. alcohol consumed at home). The total potential annual beer sales for this area to be $33.54 million.

<table>
<thead>
<tr>
<th>Demand Analysis Based on Weekly Consumption</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kakaako residents</td>
</tr>
<tr>
<td>-------------------</td>
</tr>
<tr>
<td>95,429</td>
</tr>
<tr>
<td></td>
</tr>
</tbody>
</table>

Source: Gallup Poll, Colliers International

Colliers compiled sales data from five successful beer pub establishments and calculated the average sales per square foot to be $968.25.

<table>
<thead>
<tr>
<th>Estimated Sales Per Square Foot</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name</td>
</tr>
<tr>
<td>---------------------------------</td>
</tr>
<tr>
<td>Gordon Biersch</td>
</tr>
<tr>
<td>Tropics Tap</td>
</tr>
<tr>
<td>REAL a gastro pub</td>
</tr>
<tr>
<td>Kona Brewing Company</td>
</tr>
<tr>
<td>Yardhouse</td>
</tr>
<tr>
<td>Avg Sales Per Square Foot:</td>
</tr>
</tbody>
</table>
Primary Beer Pub Competition

1. Gordon Biersch
2. Honolulu Beer Works
3. Brewseum
4. REAL a gastro pub
5. Shirokiya Village Walk - Beer Garden
6. Pint & Jigger

Notable Honolulu Beer Pubs and Breweries

- Waikiki Brewing Company
- Kona Brewing Company
- REAL a gastro pub
- Honolulu Beerworks
- Gordon Biersch
- Shirokiya Beer Garden
- Brew'd Craft Pub
Based on $33.5 million in beer sales we are able to estimate the amount of food sales. An industry rule of thumb, is that 40% of a beer pub’s total sales would be food sales.

Colliers estimates that the total beer pub sales would be $55.89 million. Based on an average of $968 per square foot in sales, this generates 57,726.1 square feet demand within a 2 mile radius of Kakaako Waterfront Park. With an existing peer pub inventory of 24,139 square feet within the 2 mile primary market radius, this results in a residual demand of 33,587.1 square feet. This is the amount of additional beer pubs that could be established based on existing market demand.

Colliers incorporates a market capture rate into its calculations. This rate estimates the amount of the residual demand that would be secured by this beer garden. We anticipate that the likely demand for a beer garden to range from a conservative 2,687 square feet to an aggressive 4,031 square feet for an operation opened from 10:00 AM to 10:00 PM. Should hours of operation be restricted to daylight hours, the capture rate would likely be negatively impacted.

Consumer Expenditures Demand Model

In addition to estimating demand based on weekly alcohol consumption, Colliers uses a Pitney Bowes Consumer Expenditures census report that categorizes household expenditures by product type.

For alcohol purchases away from home, the average household annual expenditure was $190.27 for residents within a 2-mile radius of Kakaako Waterfront Park.
Consumer Expenditures Demand Analysis

For this model, Colliers calculated the number of people that drink beer based on the number of households and the daytime population counts. The Pitney Bowes Consumer Expenditures Report identified that each household spent an average of $190.27 per year on alcohol away from home.

While this estimate is an average for all households, Colliers extrapolated the average alcohol expenditure for those households that consumed alcohol. The annual average alcohol “away from home” expenditure for these households is $297.29. This is equivalent to $26.5 million in beer sales. Using the beer pub ratio of 40% of sales is food and 60% of sales are for alcohol, we determined that total beer pub sales for this market is $44.09 million.

This amount of beer pub sales produces a residual beer pub demand of 24,139 square feet for this market.

**Incorporating similar capture rates to those used for the weekly alcohol consumption model, the consumer expenditures model ranged from a conservative 1,613 square feet to an aggressive 2,420 square feet.**

<table>
<thead>
<tr>
<th>Demand Estimate Based on Consumer Expenditures</th>
<th>0.5 mi Ring</th>
<th>1 mi Ring</th>
<th>2 mi Ring</th>
</tr>
</thead>
<tbody>
<tr>
<td>Households</td>
<td>837</td>
<td>5,858</td>
<td>47,698</td>
</tr>
<tr>
<td>Conversion Households to Residents (x2)</td>
<td>1,674</td>
<td>11,715</td>
<td>95,396</td>
</tr>
<tr>
<td>Daytime Population that Drink Alcohol (64%)</td>
<td>7,771</td>
<td>46,644</td>
<td>121,618</td>
</tr>
<tr>
<td>Total Population that Drink Alcohol</td>
<td>9,445</td>
<td>58,359</td>
<td>217,014</td>
</tr>
<tr>
<td>Beer Preference (41%)</td>
<td>3,872</td>
<td>23,927</td>
<td>88,976</td>
</tr>
<tr>
<td>Alcohol Purchases Per Household</td>
<td>$200.80</td>
<td>$204.28</td>
<td>$190.27</td>
</tr>
<tr>
<td>Households that Drink Alcohol (64%)</td>
<td>$313.75</td>
<td>$319.19</td>
<td>$297.29</td>
</tr>
<tr>
<td>Total Beer Sales</td>
<td>$1,214,943</td>
<td>$7,637,433</td>
<td>$26,451,784</td>
</tr>
<tr>
<td>Pub Food Sales 40%</td>
<td>$809,962</td>
<td>$5,091,622</td>
<td>$17,634,523</td>
</tr>
<tr>
<td>Total Pub Beer/Food Sales</td>
<td>$2,024,905</td>
<td>$12,729,055</td>
<td>$44,086,307</td>
</tr>
<tr>
<td>Square Footage Demand</td>
<td>2,035.1</td>
<td>12,793.0</td>
<td>44,307.8</td>
</tr>
<tr>
<td>Existing Inventory</td>
<td>24,139.0</td>
<td>24,139.0</td>
<td>24,139.0</td>
</tr>
<tr>
<td>Capture Rate</td>
<td>8%</td>
<td>conservative</td>
<td>1,613.4</td>
</tr>
<tr>
<td></td>
<td>10%</td>
<td>moderate</td>
<td>2,016.8</td>
</tr>
<tr>
<td></td>
<td>12%</td>
<td>aggressive</td>
<td>2,420.2</td>
</tr>
</tbody>
</table>

Factors to Consider

A beer garden’s success is contingent upon many factors which include selection of a prime location within the park, accessibility and ease of parking, hours of operation, and a broad selection of craft and brand beers.

**Site Location**

A careful consideration of the beer garden’s location within Kakaako Waterfront Park is very important. The ability to capitalize on waterfront and sunset views with a location closer to the ocean creates a unique environment, whereas a site near busy Ala Moana Boulevard could boost beer garden visibility.

**Parking**

Most customers will want to be able to easily access the beer garden with a minimum of walking. Currently, the primary Kakaako Waterfront Park parking lot is located to the south of the Gateway Park and to the west of Children’s Discovery Center.

**Hours of Operation**

Beer pubs and bars have varying hours of operation, with many open till 2:00 AM. For those that provide food, many are open for lunch, resulting in hours of operation that could go from 10:00 AM to 2:00 AM. While it seems unlikely that a beer garden at Kakaako Waterfront Park would be open till 2:00 AM, a restriction to the hours of operation would likely negatively impact the beer garden’s revenue potential. Many U.S. mainland beer gardens are open longer hours during the summer months and shorter hours during winter months. For safety reasons, consideration should be given to a reduction in night time hours of operation.
Factors to Consider

Selection and Price Point of Beers

The success of Honolulu Brewing, Waikiki Brewing and Lanikai Brewing Companies supports the notion that local brewed beers have a place in our marketplace. For beer pubs, craft beers have a higher price point and can generate healthier profits than nationally branded beer.

Despite the growing demand for craft beers, the manager at Shirokiya Village Walk, mentioned that most of the beer that they sell is comprised of lower priced beers on tap. Budweiser, Coors and Miller, which are very widely available, constitute a large majority of their beer sold. The Kakaako Waterfront Park beer garden should incorporate a selection of craft beers as well as include popular mainstream beer brands.

Recommendations

Colliers created two demand models to estimate the amount of square footage that would be supported by consumer alcohol expenditures. The first model used national estimates for weekly beer consumption and estimated a range of demand from a conservative 2,687 square feet to an aggressive 4,031 square feet. The consumer expenditures model utilized census estimates on the annual household expenditure for "alcohol away from home" and projected demand to range from a conservative 1,613 to an aggressive 2,420 square feet.

Both models provided support the establishment of an additional beer pub/garden within a two mile radius of Kakaako Waterfront Park. Colliers believes this market can support a beer garden sized between 2,000 and 3,000 square feet in size.
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Introduction

The Hawaii Community Development Authority ("HCDA") engaged land planning firm, PBR & Associates to create a master plan for Kakaako Waterfront Park. As part of this planning effort, feedback was garnered from neighborhood stakeholders to identify potential commercial business concepts that would be supported by park users. Colliers was hired to explore these concepts for their market viability. One of these concepts is that of a food truck court.

Mobile food trucks have been around for years, typically associated with blue collar locations, the recent food truck resurgence was fueled by a post recessionary factors such as the decline in construction activity and a corresponding reduction in demand for food trucks as well as an increase in layoffs among food preparers and chefs.

For experienced cooks suddenly without work, the food truck seemed a clear choice. Food trucks are not only sought out for their affordability but as well for their nostalgia; and their popularity continues to rise.

Typically today’s food trucks are not your ordinary taco and burger construction site roach coach, many food trucks now provide aspiring chefs the ability test out new concepts and garner a following for their variations of ethnic and fusion cuisines. Food trucks now garner a level of respect, as innovative menus and unique food offerings can generate a loyal following.

With the introduction of social media, such as Facebook and Twitter, a gourmet food truck can effectively publicize its menu and its location via smartphones and tablets to its customers.

Locally, there are two well-known food truck courts, Makers and Tasters Kewalo and Pau Hana Market. Makers and Tasters is located in Kakaako at the former Fisherman’s Wharf site. Pau Hana Market is located in Waikiki at 234 Beachwalk Avenue. Both site operators were interviewed for this study.

National Trends

In 2015, food trucks generated an estimated $856.7 million in revenue and an annual growth rate of 9.3% between 2010 and 2015. By the end of 2015, the number of food trucks is projected to increase at an annualized 6.6% rate to 4,255. This pace is projected to slow to a 0.4% growth rate from 2015-2020, as food establishments grow to 4,336. Food trucks is one of the best performing segments of the food-service sector. The desire for “gourmet cuisine at budget conscious prices” garnered wide appeal among value conscious consumers. The category breakdown of food offerings by food trucks are: 28.3% American Food, 24.6% Latin American Food, 18.1% Asian/Middle Eastern Food, 9.6% other, and 9.4% Desserts.

Nationally, food truck profit margins averaged 8.99%. By 2020, profit margins are anticipated to grow slightly to 9.2%. The majority of a food truck’s expenses are tied to wages (37.9%) and food costs (36.0%). Unfortunately, food truck performance can vary widely based on a number of factors including food truck regulation, food truck marketing, health and sanitation, food quality, customer service and location selection.

Food trucks have low operating expenses, enabling them to offer competitive pricing options for high quality meals, replacing higher priced dining options for low-cost choices. Projected annual growth in revenue for the 2016-2020 frame is 3.1%.

Food trucks are generally located in urban high population dense locations where heavy foot traffic is present and helps to increase the vendors’ pool of potential customers. Site selection is a major factor in determining the potential success for a food truck. Additionally, poor weather inhibits customers to seek out a food truck, luckily Honolulu is an ideal location for food truck facilities.

Competition exists between brick and mortar restaurants and food trucks for consumer dollars. The high failure rate among restaurants is easily translated to the high turnover rate among food trucks. Many food truck operators struggle to turn a profit.

Consumers aged 25-34 spend the most at food trucks on a monthly basis. Similarly consumers aged 35-44 turn to food trucks on a regular basis for a convenient meal. Those aged 25-44 constitute 43.4% of the market for food trucks in 2015. Additionally, the widespread use of smart phone technology to attract customers identifies closely with the 18-29 demographic, which are the most active on social media sites.
Kakaako Waterfront Park - Demographics

We identified that the prime target market for a food truck court would be those that live or work within a 2-mile radius of Kakaako Waterfront Park.

Sites USA™, a census tracking software program, indicated that 95,429 residents live in the area, with 190,028 (daytime population) that work in the area. This would be our potential consumer base for the food truck court.

Additionally, Ala Moana Boulevard is a heavily trafficked thoroughfare with 43,604 cars driving by Kakaako Waterfront Park every 24 hours and serve as a secondary target market.
Makers and Tasters Kewalo

Street Grindz, a local event planning agency, secured a three-year lease for a 66,000 square foot parcel from the Office of Hawaiian Affairs. Located at the former Fisherman’s Wharf location, Street Grindz named their site “Makers and Tasters Kewalo” and is open daily. The “Makers” label identifies those that provide food/drink products to the “Tasters”. Street Grindz mentioned that they maintain a list of 600 food vendors that they evaluate and rotate through the Makers and Tasters Kewalo site on a consistent and regular basis.

The Makers and Tasters site is typically open 6 days a week for lunch and dinner (Monday – Saturday). Each day is segmented into a lunch shift: 10 AM – 2:30 PM and a dinner shift: 4:30 – 9:30. Sunday – Tuesday there is no dinner shift. Pricing for food vendors are $75 per shift for a cost of $150 per day for a vendor open for the lunch and dinner shifts. On any given day, there are typically ten food trucks located at this site.

Street Grindz invested between $150,000 and $200,000 to upgrade this site’s infrastructure. This included building a pad site, adding mobile bathrooms, fencing, seating areas, security and lighting. The site can park up to 150 cars. Each food truck is responsible for its own water, waste water removal, cooking power and grease disposal. There are no utility hookups for the food trucks (as prohibited by Dept. of Health regulations).

Makers and Tasters Kewalo

Street Grindz has access to 300 food vendors and a list of 600 total vendors (crafts, food, etc.) that they typically incorporate into their daily vendor rotation. Each vendor is evaluated at the end of their contract and the lower performing vendors are weeded out. They currently do not charge a percentage of sales but will increase rates during events. Its these events that help to boost vendor interest. Street Grindz holds an “Eat the Streets” event once a month, its been reported that thousands have attended these events and boosts the sales performance for the food vendors and helps to make Street Grindz profitable.

Its this focus on “activating the community” with events such as Eat the Streets, Sunset Zumba, live music, food festivals and Movie in the Park that Street Grindz believes has helped to reduce the homeless problem in the park, as well as boosted the number of local residents to visit their food truck court. Their strategy is to be more than just food trucks but a total community program that generates more interest than just food.

Because their focus is on building a regular customer base of local residents, the frequent rotation of food trucks and food vendors helps to keep the site fresh. The belief is that if residents find different food vendors at their Makers and Tasters Kewalo that they would frequent the site more often.
Pau Hana Market

HL Honolulu operates a truck food court named Pau Hana Market which is located in Waikiki. They own the 10,578 square foot lot from which they operate. They invested in infrastructure which provides bathrooms, seating areas, on-site security and a commissary kitchen.

HL Honolulu requires that food trucks be committed to staying on site and open for fixed time slots i.e. 10AM – 8:00 PM. Currently there are seven food trucks on site. Each day they are required to move off the site and then drive back, this fulfills the requirement that they trucks are mobile and not fixed structures.

Food trucks lease space on the site and typically maintain leases for 6 – 12 month periods. The daily stream of new visitors to Waikiki allows HL Honolulu to keep the same food vendors for longer periods of time, whereas a site targeting locals residents would likely require a change in vendors to keep customer interest high. Many of their food trucks are international in flavor and target Japanese and foreign visitors.

Monthly fees for Pau Hana Market vendors is 20% of sales and $1,200 per month. Typically the goal is to generate more than $3,000 per food truck per month.

Street Food Stadium

Street Food Stadium is a new development owned by HL Honolulu that is located on Kalakaua Avenue and Fern Street. HL Honolulu is testing a new business model that is catered to those that want to test out their food concepts without having to invest in purchasing a food truck. HL Honolulu provides for a lease, the site, the truck, the infrastructure, point of sale system, use of their commissary and site marketing and promotion for a flat monthly fee.

Additionally, for international investors seeking to invest in a food operation, HL Honolulu also plans to provide an operator and manage the food truck operation for them.

Street Food Stadium will house up to 10 food trucks and offers a food prep commissary, grease trap, bathrooms, access to water and utility hookups. For those requiring to track percentage of sales, a point of sale system will be provided by HL Honolulu.

HL Honolulu’s financial target is to generate $3,000 per month for a food vendor that provides their own truck or $4,700 per month for a vendor that leases the site and a truck from HL. Each food vendor is required to sign a six month to one year lease.
**Kakaako Waterfront Park Site**

Both Street Grindz and HL Honolulu felt the a 10,000 square foot lot would be ideal for their operations.

Street Grindz mentioned that due to the large size of their current lot (66,000 sq. ft.) that it is underutilized and impedes their profitability. The advantages of the large site is that for big events, such as a food festival or Eat the Streets, it allows them to easily expand. The use of the Kakaako Waterfront Park amphitheater and additional land for large events such as concerts or festivals would be of great interest. They also mentioned that green space with open lawn and trees are vital for creating an appropriate setting for their customers.

Street Grinds also mentioned that a waterfront location is not really necessary for their operation and is more an amenity for those seeking a casual scenic environment to enjoy their food, drink and entertainment. They mentioned that the central parking lot (site 2 and 3) at Kakaako Waterfront Park would be suitable for their operation.

For HL Honolulu, they felt flat open lots adjacent to Ala Moana Boulevard would be the best locations for their operation. In addition to active social media marketing, the potential to capture potential customers with Ala Moana Boulevard street (site - 1) signage would benefit their food truck operators.

HL Honolulu mentioned that they typically build a food commissary, bathrooms and a grease trap for their vendors, and trenching and plumbing infrastructure would likely be more costly for sites further away from Ala Moana Boulevard.

Both Street Grindz and HL Honolulu expressed strong interest in being included in any RFP for a ground lease for a truck food court at Kakaako Waterfront Park.

**Factors to Consider**

**Closure of Makers and Tasters Kewalo**

The development of a KWP truck food court should coincide with the closure of the OHA Makers and Tasters Kewalo site. It would not be beneficial to have two truck food courts in direct competition with each other.

**Oahu Food Truck Population Estimate**

The State of Hawaii Department of Health estimated that the number of sanitation permits offered for food trucks and food carts for 2014 was 325. These permits authorize a food cart vendor to operate for a two-year period. Peter Oshiro, the State Department of Health Environment Program Manager, estimated that roughly 50%, or 162 vendors would be successful enough to survive the second year of operation as there is a high turnover rate.

**Ground Lessee Coordination**

Both Street Grindz and HL Honolulu believe that whoever is selected to operate the truck food court, that concurrent events such as food festivals, music concerts and movie nights should be coordinated with the operator of the amphitheater and the sports complex so that all venues are benefiting from a coordinated approach.

**Beer Garden Coordination**

Street Grindz recommended that the operator of the truck food court could also manage the Beer Garden for Kakaako Waterfront Park. The truck food court could offer a variety of foods for the beer garden vendor to benefit from as well.
Colliers recommends the development of a truck food court at Kakaako Waterfront Park ("KWP") on a ground lease of a 10,000 square foot pad site for an initial term of ten years or longer (this would allow the ground lessee to be able to recoup their investment into site infrastructure). A thorough vetting of the business models identified by this demand study should be conducted before selecting a potential ground lessee.

The selected vendor should also be directed to provide active marketing and promotion for the food court site, provide support and coordination for events held at other KWP park venues, and be involved in activating community involvement at KWP. Signage should also be considered along busy Ala Moana Boulevard to boost interest in the activities and food offerings at KWP.
OBJECTIVES

• Build upon the work completed in 2011 Kakaako Makai Conceptual Master Plan
• Develop an active use facilities master plan for the Kakaako Makai Parks
• Take into account changes that have occurred in the area
• Generate revenues to help maintain the parks
PLANNING PROCESS

- Research & information gathering
- Community Engagement
  - Idea generation
  - Public Open Houses August/Sept. and Oct/Nov.
  - Park Activities
  - On-line engagement
- Environmental Impact Statement
  - EISPEN Meeting
  - Draft EIS Comments
- Authority Meeting Presentations
2011 Conceptual Plan for Kakaako Makai Parks: Adopted by the Authority on May 2011
COMMUNITY ENGAGEMENT

OUTDOOR SPACES/PLACES WHICH SUPPORT ACTIVITIES FOR PUBLIC USE: I.E. SKATE PARK

- Cycle track
- Water play area
- Story telling areas
- Fishing piers
- Market areas

Sports facilities to attract families & community to the park. Promote area & environment.

- Sports facilities to attract families & community to the park. Promote area & environment.

What do you think would generate more active use in the parks?

- Mountain climbing wall at 'Ewa end
- Super Fun playground equipment
- Super Fun Trees
- Stand Box
- Climbing wall at 'Ewa end

INTERACTIVE FOUNTAINS

SUPER FUN PLAYGROUND EQUIPMENT UNDER THE TREES

ALL ACCESS INCLUSIVE PLAYGROUND

WATER PLAY AREA

SPORTS FACILITIES TO ATTRACT FAMILIES & COMMUNITY TO PARK

FACILITIES FOR INDOOR & BEACH VOLLEYBALL

SKATE PARK

MOUNTAIN CLIMBING WALL AT 'EWA END
• 1,979 visitors
• 5,434 page views
• Avg. participant:
  • 34 yrs. old
  • Female
  • 96813, 96822, 96816 zip codes

ON LINE ENGAGEMENT
PUBLIC COMMENTS:

• Safety concerns are the #1 reason for not using the parks
• The parks are valued for their views and location relative to the urban environment
• Respect the Guiding Principles of the 2011 Conceptual Master Plan
PUBLIC COMMENTS:

Top active uses with positive responses at open house events:

- Family friendly activities: i.e. playground, giant slides, water-play
- Regular programmed food/entertainment activities
- Sports activities - volleyball
- Fitness uses: i.e. workout stations
EIS PROCESS

EISPN
- Define EIS scope
- Public comment/input (Mar. 23-Apr. 22, 2016)

Draft EIS
- Public review and comment (May 8-June 22, 2016)

Final EIS
- Published (9/8/2016)
- Accepted by Governor (11/4/2016)
- Acceptance Published (12/8/2016)
FINAL EIS
Master Plan Improvement Clarifications

• **All Park Elements & Alternatives Maintained**

• **Mound grading or re-contouring**—HCDA will prepare required tests, feasibility & hazard planning studies

• **Sea Level Rise**—No new structures in low lying areas; mitigation may include re-design uses and/or re-locate critical infrastructure

• **Accessibility Design for Persons with Disabilities**—HCDA will seek advise & recommendations from State of Hawaii Disability and Communication Access Board
PLANNING CONSIDERATIONS
EXISTING SITE CHARACTERISTICS (2014)

KAAKAO WATERFRONT PARK  |  GATEWAY PARK  |  KEWALO BASIN PARK
STRENGTHS

OPEN MAKAI VIEW PLANES

OPEN MAUKA & HARBOR VIEW PLANES

WATERFRONT PROMENADE

LEVEL AREAS
INTRODUCED LANDSCAPE

MAINTENANCE & BUDGET REALITIES

CHALLENGES
PROPOSED ELEMENTS
- Great lawn/Gateway Features
- Plaza and water feature
- Flexible and open community space
- Lei of Green connections
- Sports complex
- Keiki zone
- Adventure zone
- Beach hale
- Food concessions
- Biergarten
- Community center
- Re-locate amphitheater
Community Flex Space
Plaza & Water Features
Open / Community Flex Space
Connect to Ala Moana Beach Park
Beach Hale
Biergarten
Community Center
PROPOSED PHASING & COST ESTIMATES
## Proposed Phasing

<table>
<thead>
<tr>
<th>Phase I</th>
<th>Phase II</th>
<th>Phase III</th>
<th>Phase IV</th>
</tr>
</thead>
<tbody>
<tr>
<td>(1 to 3 yrs.)</td>
<td>(3 to 5 yrs.)</td>
<td>(5 to 10 yrs.)</td>
<td>(10 to 20 yrs.)</td>
</tr>
</tbody>
</table>

### Gateway Parks:
- Start regular programming

### Kewalo Basin Park:
- Improve drainage at showers; refresh landscaping

### Waterfront Park:
- Lei of Green Connections at Ala Moana Regional Park & Keawe Street

### Point Panic:
- Construct Beach Hale, Comfort Station, new surface parking near Olomehani Street

### Waterfront Park:
- Reconfigure central parking area
- Begin 1st Phase of Sports Complex
- Food truck programming

### Waterfront Park:
- Regrade central mound to create clear visual access
- Construct keiki play area
- Install splashpad & plaza
- Complete Sports Complex
- Fill ewa side of park to create additional open space
- Complete Kelikoi Street connection at Keawe Street

### Waterfront Park:
- Construct Community Center
- Relocate amphitheater
- Install slides & play apparatus, Food concession & Comfort Station on mauka-side of old amphitheater
- Add Biergarten at top of mound
COST ESTIMATES

<table>
<thead>
<tr>
<th>Park Element</th>
<th>Total Development Cost</th>
<th>Estimated Annual Revenue</th>
<th>Estimated Annual Operating Expenses</th>
<th>Total Projected Annual Net Operating Income (NOI)</th>
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</thead>
<tbody>
<tr>
<td>Sports Complex</td>
<td>$24,552,000</td>
<td>$1,652,400</td>
<td>$1,586,304</td>
<td>$66,096</td>
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<tr>
<td>Amphitheater</td>
<td>$16,694,600</td>
<td>$1,467,100</td>
<td>$1,320,390</td>
<td>$146,710</td>
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<tr>
<td>Biergarten</td>
<td>$1,299,700</td>
<td>$2,178,000</td>
<td>$2,075,940</td>
<td>$102,060</td>
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<tr>
<td>Food Trucks (10 trucks)</td>
<td>$178,000</td>
<td>$360,000</td>
<td>$286,800</td>
<td>$73,200</td>
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<tr>
<td>Surface Parking (475-500 stalls)</td>
<td>$1,662,500-$1,750,000</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

- All four Park Elements are estimated to generate revenue
- Assumption that HCDA is solely responsible for construction & operations
- Profitability of each element dependent upon the chosen operations & management framework
NEXT STEPS

- Amend Makai Area Plan and Rules
  - Incorporate Proposed Park Improvement Elements
  - Additional Community/Stakeholder Engagement

- Identify Funding
  - CIP Funding
  - Public/Private Partnerships
  - Additional Community/Stakeholder Engagement

- Plan, Design, and Construct
  - Proposed Improvements
  - Additional Community/Stakeholder Engagement