

Maritime Heritage Park Report and Recommendations



August 2013

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Purpose of Project

In January 2013, an interdepartmental work group was formed to identify strategies to revitalize Maritime Heritage Park and, in doing so, create a model for Waterfront Park. This work group included representatives from Parks and Recreation, Police, and Planning & Community Development departments. The purpose was to review previous stakeholder recommendations, assess progress to date, propose new actions for consideration, and prioritize an implementation strategy with accompanying financial and staff resources. This final report is submitted to the Parks and Recreation Director and Mayor for consideration of funding and implementation resources.

In the process of identifying strategies, this work group utilized the concept of *Crime Prevention Through Environmental Design* (CPTED) which states "the proper design and effective use of the built environment can lead to a reduction in the fear and incidence of crime, and an improvement of the quality of life." Strategies of CPTED are: natural surveillance (maximizing visibility); territorial reinforcement (creating a sphere of influence through design); and natural access control (decreasing crime opportunity through design). This concept was considered along with a "placemaking" approach that focuses on activating public spaces through the grouping of multiple activities and building on the needs and desires of existing stakeholders.

Recommendations are prioritized in the following categories: infrastructure, enforcement, programming, and social services.

Review of Previous Actions

2006 Placemaking Workshop

Project for Public Spaces visited Bellingham in 2006 to conduct a series of workshops on how to activate and encourage appropriate use of public spaces throughout the City's "Arts District". One stakeholder group worked exclusively on Maritime Heritage Park, focusing specifically on identifying activities and programming that could create a draw and encourage "legitimate users" to congregate. The ideas that were generated included both longer-term capital investments, as well as low-cost, quick experiments that could be done immediately. Full recommendations from Project for Public Spaces, July 2006 report are available in [APPENDIX A](#).

Whatcom Waterfront Master Plan Guidelines revised November 2010 [APPENDIX B](#).

2007 Maritime Heritage Park Work Group

This work group was convened by Planning & Community Development staff at the request of the City Center Action Group. The input for their final report was collected via a meeting of primary stakeholders of Maritime Heritage Park, including City staff from Parks, Police, Public Works, and Planning and Community Development. The meeting was also attended by representatives of the Lighthouse Mission, Rainbow Center, Lettered Streets Neighborhood Association, Bellingham Technical College, and the Nooksack Salmon Enhancement Association. See [APPENDIX C](#) for meeting details, attendees, and prioritized recommendations.

See [APPENDIX D](#) for Review of Accomplishments to Date Based on 2007 Report Recommendations. See [APPENDIX E](#) for matrix comparing ideas generated by 2007 Work Group, 2013 Work Group, and Public Space survey.

Downtown Planning - Phase II: Brainstorming Solutions

The City is currently drafting an updated Downtown Plan scheduled for adoption in early 2014. Phase II of the planning process occurred during the summer of 2012, and included a series of workshops focused on the concept of "placemaking", including ideas for how to activate public spaces, encourage legitimate uses of public properties, and utilize environmental design to discourage criminal behavior and loitering. Key concepts for public spaces that were developed by stakeholder participants included:

1. Incorporation of food or food trucks;
2. Availability of movable seating and chairs;
3. Links and directions to trail systems and nearby attractions;
4. Incorporating activities for all ages, including youth and seniors;
5. Creating a "backyard" for urban residents, with amenities such as planters for gardening, dog amenities, picnic shelters, kids play areas, etc.;
6. Encouraging spill-over and utilization of public space by abutting businesses;
7. Scheduling programmed events (ie. athletic events, skating, bocce ball, yoga, concerts, markets, etc);
8. Installation of appropriate pedestrian-level lighting and weather coverage (shade and rain); and/or
9. Utilizing existing structures to their maximum extent to help activate the space.

Recommendations

I. INFRASTRUCTURE

A. BUILDING

RECOMMENDATION: LEASE BUILDING FOR COMMERCIAL USE

TIMELINE: 2014

COST: Cost of the remodel or renovation to be borne by new tenant.

High intensity, constant utilization of the existing Environmental Learning Center building is key to activation of the park. This building offers an opportunity to establish an expectation of proper or legitimate use of space throughout the park and provide consistent stewardship and ownership presence to compliment other activities. By leasing to a business/enterprise that is accepted by the neighborhood's residents and existing business, this daily operation should create an inviting presence to the community while providing a commercial service that draws users to actively utilize the space. When the business is in operation, the employees and customers will be able to see and report any criminal activity. At the same time, the operation of a business can set the "tone" for appropriate behavior. Some examples of small business for this area could include:

- Coffee/Pastry shop
- Sandwich Shop/Deli
- Arts and Craft workshop

- Ice Cream/Candy Shop
- If allowed, the business should set aside a space in the Learning Center to be made available for small groups to rent or reserve.

Long term suggestion would include a secondary structure for community events/activities or work with BTC regarding potential available space in new Fisheries building.

See [APPENDIX F](#) for Conversion of Use.

B. PARK DESIGN AMENITY CONCEPTS

RECOMMENDATION: FUND PLAYGROUND AS OUTLINED IN MASTER PLAN. INCREASE RANGE OF RECREATIONAL OPPORTUNITIES.

TIMELINE: 2015-2017

COST:

<u>Bocce Ball:</u>	\$4,000 - \$30,000/court, including design, permitting, staff time, & construction
<u>Basketball/Pickleball Court:</u>	Up to \$120,000, including design, permitting, staff time, & construction
<u>Disk Golf:</u>	Not recommended owing likely conflicts with other park uses and adjacent street uses.
<u>Fenced Dog Off Leash Area:</u>	Up to \$100,000, including design, permitting, staff time, & construction (depending on size and configuration)
<u>Skate Park:</u>	Up to \$500,000, including design, permitting, staff time, & construction (depending on size, configuration, and structural requirements)

The establishment of recreational access and activities on the waterway [Maritime Heritage Park] and expansion of facilities and activities within the existing Maritime Heritage Park are main objectives listed in the *Whatcom Waterfront Master Plan Guidelines*. Implicit in this stated objective is an intent to revitalize the area and attract more visitors and residents to the park and waterfront area.

Towards this objective, the City realized components of the Master Plan since it was adopted in 1997, as follows:

- access to the waterfront with trails & lighted street crossing bump outs,
- amphitheater, stage & walkway for programmed events, festivals & other public activities,
- art & fountain,
- open lawn area for flexible uses,
- programmed gateway building with accommodation for public restrooms & a vendor,
- playground,
- scenic overlook.

Past and current site use consists of: fishing access to Whatcom Creek; occasional recreational programming of the park building, amphitheater and walkway; restroom use; trail access; and passive use of the open lawn area. The site also experiences high use by people with undesirable behaviors and the consequential negative impacts to legitimate park uses. These impacts contribute to the dearth of desired activity for most of the year.

Increased recreational opportunities would serve to draw more legitimate park users and potentially decrease illegal or undesired behaviors. Additional recreational opportunities can be a mix of active and passive activities, be universally accessible and not significantly increase the cost of maintenance.

See [APPENDIX G](#) for Alternative Recreational Opportunities

C. HOLLY STREET ENTRY - FOUNTAIN AREA

RECOMMENDATION: ESTABLISH PERIMETER CONTROL THROUGH REDESIGN OF PLANTER BOX ADJACENT TO FOUNTAIN

TIMELINE: 2013-14

COST: Based on the complexity of the chosen solution installed cost could range from \$5,000 to \$20,000.

Parks are great places for people to gather, however, a main point of entry at Holly and Bay Streets has limited space for gathering and lacks a clear path of travel for the walkways that traverse the site. Loitering and panhandling are frequently observed by staff near the fountain and planter box adjacent to the sidewalk along Holly Street. This congestion and reported negative interactions impacts the vitality of the park.

Although not designed as a seating area, the walls of the planter box have created a location for extended seating. The elimination of the seating option on the planter box would deter loitering at this key entrance of the park, decrease opportunities for panhandling, and improve circulation along the Holly Street sidewalk and entrance/exit to the park.

Alternatives:

- Remove existing wall and replace with shorter curb type retainer
- Place a short decorative fence on top of the wall around the planter box
- Place ornamental metal on the top of the wall to discourage seating

The most economical of the alternatives suggested would be to place ornamental metal on top of the wall to discourage seating. Such a barrier could meet one of the Master Plan objectives of integrative art; i.e. an art object that integrates the “barrier” function with high quality artistic expression.

See [APPENDIX H](#) for an example of a similar redesign need near WTA Downtown Terminal.

D. LIGHTING

RECOMMENDATION: ENHANCE LIGHTING TO PROMOTE SENSE OF PERCEIVED SAFETY AND INCREASE LEGITIMATE USE OF PARK

TIMELINE: 2014-2015

COST: Between \$2,500 and \$20,000 to increase the amount of foot to existing facilities (new lighting locations and expanded wiring on the high end).

The primary purpose for lighting a park is to provide nighttime visibility for security and safety. The balance of lighting for face recognition and desired ambient light levels in a park setting is challenging. Lighting in most Bellingham parks is minimal which includes buildings, parking (limited to park hours), signage and specialized walkways (boardwalks, piers, etc.).

Maritime Heritage Park has some unique site characteristics which also effects lighting design:

- Adjacent activities that occur before and after park hours
- Park has both developed urban park and less developed natural areas
- Park is located in Downtown area with many surrounding evening uses
- Park is located on both sides of the Whatcom Creek Estuary
- Sidewalks, trails and pathways intersect in the Park
- Teaching and active fish hatchery are located in the Park

With all these unique site characteristics and existing site lights, enhancing the light levels (increasing the foot candle levels) in the more developed areas and appropriate thinning of the vegetation would help improve after dark visibility.

E. CALL BOXES

RECOMMENDATION: INSTALL ONE EMERGENCY CALL BOX LOCATED NEAR THE ENVIRONMENTAL LEARNING CENTER (2013). EVALUATE NEED FOR ADDITIONAL INSTALLATIONS IN PARK AND NEAR HATCHERY(2015) AS NEEDED.

TIMELINE: 2014-2015

COST: \$3,800 - \$6,300 per unit

Call boxes are permanent features placed within the park location. The units are designed to make immediate contact with the city dispatch center in the event of an emergency. Some people do not have immediate access to a cell phone. There are no pay telephones in the area either. A call box is an option to report a problem or seek immediate help in the case of an emergency. The box is available 24/7 to anyone who can push a button. There is no charge for the person making the call. City dispatch can send police to the site once a call is made. A visible call box gives the general public the perception help is available if a need arises.

- Call boxes (CB) are fairly easy to install at a minimal cost
- CB are built to withstand vandalism and weather conditions
- CB are currently used successfully on the WWU Campus
- Cost is \$3,800 to \$4,000 per unit. Solar power units range from \$5,500 to

\$6,300 depending upon model. There is a slight discount on multiple purchase of units.

See [APPENDIX I](#)

F. SECURITY CAMERAS

RECOMMENDATION: INSTALL SECURITY CAMERAS NEAR THE BUILDING AND IDENTIFY OTHER KEY AREAS FOR FUTURE INSTALLATION

TIMELINE: 2014

COST: \$10,237 plus the cost of installation of fiber optics and electric which would add additional cost to the project dependent upon distance for each to be run from the ELC.

Security cameras at Maritime Heritage Park would assist with the investigation of criminal incidents and increase perceived public safety. Other applications include identifying use patterns to assess park revitalization process and provide internal data regarding risk management in the park. Cameras would be connected to the existing camera system that Public Works has installed throughout the city.

Locally, WTA has upgraded their camera system at the Downtown and Cordata terminals in 2012-13 to a network video recorder system.

See [APPENDIX J](#)

G. PUBLIC RESTROOMS

RECOMMENDATION: INSTALL 24 HOUR, SAFE, SANITARY PUBLIC TOILET

TIMELINE: 2015

COST: ~\$90,000 (FOR "PORTLAND LOO" DESIGN)

Previous recommendations for the Park have included investigation of temporary bathroom solutions to eliminate some of the continuing concerns about the inappropriate use of the permanent restrooms at the ELC (for example, during times when the building is not staffed). The current sanicans installed at the Park also tend to be misused.

The Portland Loo is one design that is recommended for this type of application. The benefits of this design are that it is evident from the exterior whether the structure is in use. It is built of high-resistance materials that are easy to clean and appropriate for an urban application. The Loo itself is tied to the sanitary sewer system, minimizing ongoing maintenance. This design has been vetted by both Police and Public Works staff who are in support of experimenting with installation in the Park or elsewhere downtown.

See [APPENDIX K](#)

H. SIGNAGE

RECOMMENDATION: INSTALL ADDITIONAL RULES AND REGULATIONS SIGNAGE

TIMELINE: 2013-14

COST: New sign standards and signage \$2,500 (at existing points of entry).

The developed area of Maritime Heritage Park is less than 3 acres. Most areas are easily visible from one area of the park to the other. There are existing directional signs associated with the trails and interpretive signs associated with both history and natural history. The greatest need is for signs which indicate park rules for education and enforcement.

The Parks Department has a single sign 24" x 36" which list the most needed park rules as follows:

PARK REGULATIONS

PARK HOURS: 6:00 A.M. TO 10:00 P.M.

- KEEP DOGS ON A LEASH
- ALCOHOLIC BEVERAGES PROHIBITED
- MOTOR VEHICLES ON PAVED AREAS ONLY
- NO OVER NIGHT CAMPING
- NO CAMPFIRES
- OBSERVE NOISE LEVEL REGULATIONS

Bellingham Parks and Recreation Department BMC 8:04

II. ENFORCEMENT

A. PARK RANGER PROGRAM

RECOMMENDATION: IMPLEMENT A PARK RANGER PROGRAM

TIMELINE: 2014

COST: ~\$35,760 per 9 month position plus ~\$2,500 equipment and clothing per ranger

Park Ranger programs are utilized in numerous municipal parks as a means to decrease crime and park regulation infractions, promote education and safety, and provide a point of contact for park users. A Park Ranger program, established through partnership between the City of Bellingham Parks and Recreation and Police departments, would serve as a key strategy to revitalization of Maritime Heritage Park and to the future Waterfront Park. For details of the program proposal see [APPENDIX L](#).

B. ALCOHOL IMPACT AREA

RECOMMENDATION: ESTABLISH AND IMPLEMENT AN ALCOHOL IMPACT AREA (IN PROGRESS 2013)

COST: No additional cost to City

The purpose of an Alcohol Impact Area is for local authorities to have a process to mitigate problems with chronic public inebriation or illegal activities linked to the sale or consumption of alcohol within a geographic area of their city, town or county. An Alcohol Impact Area is designated by geographical boundaries as defined in Washington Administrative Code Chapter 314-12.

Implementation of an Alcohol Impact Area in the Central Business District began in 2013. All of the stores in the CBD that sell alcohol products for carry have agreed to voluntarily remove single serve high alcohol content beer from their stores to assist BPD efforts to reduce public intoxication issues in the CBD. This should have a positive effect on Maritime Heritage Park as well.

III. PROGRAMMING

A. RECOMMENDATION: PRIORITIZE FUNDING FOR CITY STAFF TO OVERSEE PROGRAMMING, DEVELOP INTER-DEPARTMENTAL AND COMMUNITY COLLABORATIONS, AND SUPPORT FACILITATION OF EVENTS AT MARITIME HERITAGE PARK.

TIMELINE: 2014

COST: .25 FTE at \$12,747 - \$19, 949

The goal for this position is to:

- i. Generate sustainable on-going programming
- ii. Develop partnerships to maximize resources
- iii. Develop capacity in neighborhood/downtown organizations to support community generated programming
- iv. Work with the police department on coordinated security
- v. Work with social service agencies to facilitate best practice in homeless outreach in City parks

Prioritizing funding for strategic programming in targeted parks has been implemented in numerous cities. Regionally, the City of Seattle undertook a similar process beginning in 2006. As a result, they have implemented numerous strategies including increased targeted programming as a means to revitalize and activate their "problem" downtown parks.

The City of Portland's Director Park is a newer downtown public piazza that is actively programmed to complement their downtown, support arts and culture, and highlight their Parks and Recreation department. Programming is overseen by 1 FTE program coordinator.

B. RECOMMENDATION: DESIGNATE FUNDING FOR SUPPORT OF COLLABORATIVE PROGRAMS THAT INCREASE COMMUNITY BUILDING AND APPROPRIATE LEVELS OF SECURITY.

TIMELINE: 2014-2015

COST: \$15, 000 - \$20,000 per year for supplies and services.

Research has revealed that successful transformation of problematic parks requires almost daily activity. Activation programming should be free to the public and include events, activities, entertainment, and temporary art installations.

The City of Bellingham engaged in a robust public process through the Project for Public Spaces. PPS believes that 80% of the success of a park depends on maintenance and programming. Workshop participants came up with very creative list of programming ideas, including:

- a. Add a park concession to the Environmental Learning Center – a café, Mallards Ice Cream, restaurant, chocolate shop, shrimp shack, fish store, a rental store (e.g. rollerblades)
- b. Allow and encourage vendors to come sell products in the park
- c. Make better use of the amphitheater with activities like drama, music, story-telling, classes (e.g.: kite-making, fishing), movies, campfire, lectures
- d. Organize markets, art market, flea market – take advantage of the fact that this park is so near the Arts District and several antique stores
- e. Use a temporary concert shell for concerts

C. STREAMLINE EVENT APPROVAL AND SUPPORT FACILITATION OF EVENTS AND PROGRAMS.

TIMELINE: 2013-14

COST: No additional cost to City.

Special events are approved by the Parks and Recreation department. A system has been developed to ensure park stewardship. Expedited approval and departmental support in securing necessary permits will lend to increased programming a Maritime Heritage Park.

D. DEVELOP AND IMPLEMENT BUSKER PROGRAM TO SUPPORT LOCAL PERFORMERS AND CREATE FREE ENTERTAINMENT/EVENTS FOR THE PUBLIC.

TIMELINE: 2015

COST: ~\$1,000/year for supplies and services.

Bellingham is rich with performers and artists. For two decades our Concert in the Parks programs have been successful in building community through music. Buskers serve to attract park use through creative, diverse and local entertainment on a daily basis.

IV. SOCIAL SERVICES

A. RECOMMENDATION: Continue to fund outside agencies who help persons affected by homelessness, substance abuse, and/or mental illness with housing, basic needs, physical/mental health, supportive services/job training, and affordable childcare.

The City provides direct funding for social service agencies through Human Service grants. City staff serve as liaison to groups including Whatcom County Coalition for the Homeless. Nineteen agencies received Human Service Awards in 2012 totaling \$316,379. This is available through the federal Community Development Block Grant (CDBG) program.

For List of 2012 Human Service Grants awarded by City of Bellingham see [APPENDIX M](#)

B. RECOMMENDATION: PROACTIVELY ADDRESS IMPACTS OF DISPLACING ILLEGITIMATE PARK USERS INTO DOWNTOWN AND NEIGHBORHOODS THROUGH COORDINATED, ON-GOING COMMUNICATION AND PLANNING WITH STAKEHOLDERS.

Research has shown that strategic funding and implementation of park ranger programs, programming, and park design have successfully activated "problematic" parks in cities such as Seattle and Portland. However, the broader social issues remain. Well-coordinated inter-departmental efforts to engage with stakeholders will be key to addressing issues such as loitering, panhandling and public intoxication in the downtown and surrounding areas.

SEE [APPENDIX N](#) FOR DOWNTOWN BEHAVIORAL ISSUES FOCUS GROUP AS REFERENCED IN *MY DOWNTOWN PLANNING FOR TOMORROW PHASE II REPORT*)

APPENDIX A PROJECT FOR PUBLIC SPACES

24 JULY 2006

Ideas to improve Maritime Heritage Park

Maritime Heritage Park represents an obvious improvement from what this space used to be: a garbage dump. The park is a nice size and it is in a great location between Old Town and the Arts District. Many residents believe that Whatcom Creek in Maritime Heritage Park is the most beautiful place in Bellingham; the views from the park out to the bay are also spectacular.

Maritime Heritage Park, however, does not have the underlying infrastructure of a great destination. Other than the Education Center and the fish hatchery, the park does not have the amenities needed for a wide range of uses. In addition, because it used to be a municipal dump, many adjacent buildings turn their back to the park, making it feel very isolated from the surrounding community. As a result of these factors, the park lays empty most of the time; allowing some undesirable activity to dominate.

With more things to do in the park, and better connections to the residential, retail, commercial and arts districts nearby – as well as to the bay – Maritime Heritage Park could become a great community gathering place.



There are few reasons to come visit Maritime Heritage Park; even on a nice day, the park is empty.



The park is disconnected from the surrounding community. The upper ridge of the park, in particular, could become a great edge, with an open plaza and views down to the bay.



Our team doing the Place Game in Maritime Heritage Park.



Make the park more active

- Provide activities for children. Ideas mentioned by workshop participants included: a waterslide / dryslide, a water spray park, a water feature with remote-control boats, a touch pool, a playground, climbable sculpture (maybe a salmon or an orca?), a Ferris wheel or a carousel.
- Provide activities for teenagers and adults, such as BBQ grills, picnic tables, basketball, bocce, sand volleyball, badminton, kayak access to the water, telescopes (with signage to Alaska, Mount Constitution, etc.), pergola with seating, an off-leash dog park, etc.

Manage and program the park

PPS believes that 80% of the success of a park depends on maintenance and programming. Workshop participants came up with very creative list of programming ideas, including:

- Add a park concession to the Environmental Learning Center – a café, Mallards Ice Cream, restaurant, chocolate shop, shrimp shack, fish store, a rental store (e.g. rollerblades)
- Allow and encourage vendors to come sell products in the park
- Make better use of the amphitheater with activities like drama, music, story-telling, classes (e.g.: kite-making, fishing), movies, campfire, lectures
- Organize markets, art market, flea market – take advantage of the fact that this park is so near the Arts District and several antique stores
- Use a temporary concert shell for concerts





Connect the park to the adjacent community; create gateway entrances and activate the edges of the park.

Provide amenities to support desired activities

- Provide covered (but open) structures for people to gather even in bad weather.
- Moveable chairs allow visitors to create their own space, tailored to their own desires. These chairs could be located near the Environmental Learning Center and managed by a concession within that building.
- Improve pedestrian signage, including interpretive and directional signage.
- Make the park's entrances more visible (including W Holly Street and Central Avenue; W Holly Street and D Street; Dupont and West C Street) – something to announce that you're entering or exiting the park.
- Provide bathrooms. These can be maintained by private businesses (at the Environmental Learning Center, for example, or businesses on the edges of the park).



Improve access to and through the park

- Better connect the park to the waterfront. Reduce the impact of automobile traffic on W Holly Street by narrowing the road, slowing down traffic. Cars going through should know they're going through a park, where kids could run out onto the street.
- Enhance pedestrian walkways, crosswalks, signage; provide bike racks; improve transit access.
- Open up the views to Whatcom Creek by cutting back some of the vegetation. Other ways to better connect the two halves of the park include adding a pedestrian bridge and/or making the building on the corner of C Street and Holly Street more inviting (it could be the linchpin tying together both sides of the park).
- Create lively edges all around the park. Open up the back sides of existing buildings, or at least paint murals on them. Make sure new development (including what's going to replace the old Children's Museum) faces the park and spills out into it.
- Redevelop the Old Town; include housing in the Work-Source building to increase eyes on the park; increase retail along Central Avenue.



Local business owners can operate temporary, seasonal or permanent food carts in the street, in parks, on public plazas, etc.



Gardens are a great way to bring activity into public spaces, reclaim empty lots, and involve community members who wouldn't otherwise take part in community activities.

Create partnerships

Once again, workshop participants were very creative in identifying potential partners to help achieve the above goals. In addition to public partners, like the City of Bellingham, the Parks Department and Whatcom County, partners on the private side could include:

- Community institutions such as the library and the many museums in the area
- Local civic organizations like the Downtown Renaissance Network, the Old Town Association, Maritime Heritage Park supporters, the Nooksack Salmon Enhancement Association, and homeless advocacy groups
- Bellingham Technical College
- Nearby residents, including artists and students (university and high school)
- Business owners / potential vendors, including Boss Tweed, Waterfront Tavern, Jalapenos, antique stores, etc.
- Other property owners
- Developers, including Trillium

APPENDIX B WHATCOM WATERFRONT MASTER PLAN GUIDELINES



Whatcom Waterfront Master Plan Guidelines

Bellingham, Washington
November 1997

revised November 2010

Hough Beck & Baird Inc.
Landscape Architecture & Urban Design

the Beckwith Consulting Group
Urban Planning/Design

ACKNOWLEDGMENTS

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Development Department

The Design and Development Sub-Committee worked with the Whatcom Creek Waterfront Action Program Steering Committee in developing the Whatcom Waterfront Master Plan and Design Guidelines.

Consultants

Hough Beck & Baird Inc.

the Beckwith Consulting Group

GeoEngineers, Inc.

Chris Webb & Associates, Inc. PS

WHATCOM WATERFRONT *Master Plan Guidelines*

PROGRAM OBJECTIVES

In developing the Master Plan for this waterfront area, many existing program elements and previous planning efforts were taken into consideration and/or incorporated into the overall Master Plan Design Guidelines. The Whatcom Creek Waterfront Action Program listed six main objectives for the development of this area:

- establish recreational access and activities on the waterway;
- expand facilities and activities within the existing Maritime Heritage Park;
- conserve historical buildings and sites;
- enhance retail and residential land uses on surrounding properties;
- improve street, sidewalk, trail and parking facilities; and
- support the working waterfront aspects of the area.

The attached Master Plan (Appendix A) and these Guidelines incorporate the previous planning and design efforts of the community, the Steering Committee and R/UDAT into one comprehensive Master Plan Design. This document will also focus on the efforts of volunteers already working on the site, as well as provide the framework for a consistent comprehensive design for the future. The Master Plan encompasses the entire waterfront area adjacent to Whatcom Creek and improvements for the existing Maritime Heritage Park. Coordination with the property owners adjacent to and within the study area will be critical to the future success and implementation of this Master Plan.

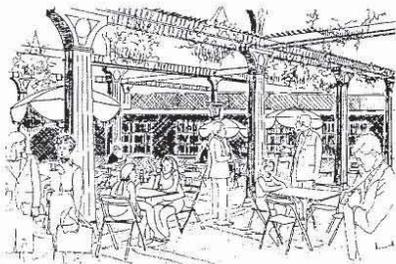
In addition to the above stated objectives for this project, the following specific program elements were incorporated into the design:

- an informal amphitheater and stage
- connections to the Whatcom Museum
- off street parking for fifty vehicles

- a restroom/information center
- pedestrian connections across W. Holly Avenue and Roeder Avenue to the waterfront
- floating docks adjacent to Central Avenue and Citizens Dock for public use
- the creation of “gateways” to the Maritime Heritage Park and the Whatcom Waterfront area.
- Playground for multiple age groups

SPECIAL FEATURES

Gateway Structure



Pedestrian Gateway and Outdoor Cafe at W. Holly Avenue and Champion Street.

The gateways to the park and waterfront should be visually tied together with a vertical structural element, such as an arbor and/or colonnade, that may be adapted to the different gateway locations. These locations include, but are not limited to:

- the intersection of Prospect Street and Central Avenue
- Central Avenue Overlook
- Whatcom Museum Overlook
- W. Holly Avenue and Champion Street
- Central Avenue Terminus (at the waterfront)
- Entry Plaza off of W. Holly Avenue

The gateway structures should be designed in conjunction with an artist to provide an opportunity to incorporate historical elements of the Downtown and/or the Waterfront District. A metal structure painted in a granite-gray color is recommended. The structures may be either a linear element through the landscape, such as along the entry plaza, or relate to a larger outdoor space, such as at W. Holly Avenue and Champion Street.



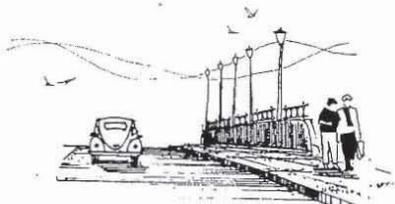
Entry Plaza and Water Feature.

Fountain

The Entry Fountain should be located in the Entry Plaza and provide a usable plaza space when the water feature is not in operation. The fountain should also incorporate playful interactive elements for use by children. The fountain itself should be incorporated into the proposed paving pattern to create a visually unified entry space, rather than treated as a separate “stand alone” element in the design.

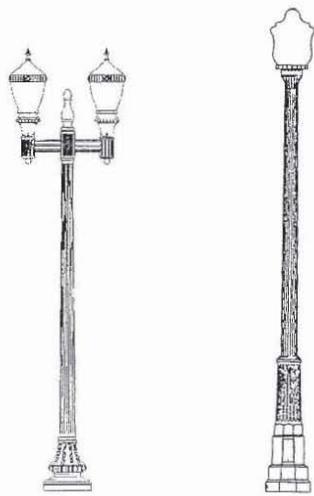
Lighting

There are four distinct light fixtures proposed for this project. A “Waterfront” light is suggested for the length of Central Avenue from Prospect Street south to the Central Avenue Overlook and from W. Holly Avenue to the terminus of Central Avenue at the waterfront. It should also extend east and west along Roeder Avenue. The “Waterfront” light fixture is also proposed along the W. Holly Avenue bridge as it crosses Whatcom Creek. This “Waterfront” light should be used for any future improvements along or adjacent to the waterfront.



Railing Light Fixtures.

A second type of light fixture should occur where a railing is either proposed or existing. At these locations, a specially adapted “Waterfront” light should be used that will attach directly to the bridge or railing structure.



“Old Town” Light

“Waterfront” Light

The material, texture and style of either type of “Waterfront” light should compliment the existing “Old Town” light on adjacent properties. A Visco™ steel fluted pole with 10-T “split” base and #107 Polycarbonate globe, or like product, is recommended. The color of the “Waterfront” light pole and base should be consistent with other site elements proposed in these guidelines.

The third type of light fixture, the “Old Town” light currently used throughout the historic downtown, should be used for all other improvement areas of the Master Plan to be lighted.

These lighting “typologies” should extend into the Maritime Heritage Park to enhance its relationship to the Central Avenue corridor. The entry plaza should be

Bollard Light.



lighted with the “Waterfront” light fixture to enhance the importance of that intersection. In addition, either end of the main promenade through the park should be flanked by the “Waterfront” light (refer to Master Plan). These light fixtures should also be integrated into the different gateway elements.

The final type of light fixture occurs along the Whatcom Creek Trail, on the west side of the park. This trail should be lighted with a low level bollard light that compliments the “Waterfront” and “Old Town” styles. A Visco™ steel VI-BP-14L bollard, or like product, is recommended.

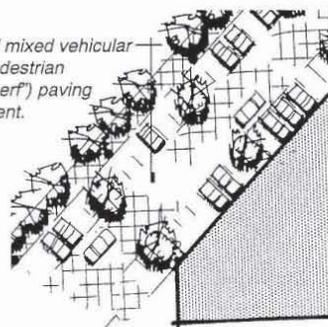


“Woonerf” style paving.

Paving Treatment

The Master Plan Design suggests a “woonerf” style of paving along the length of Central Avenue and at any other location where a mixed pedestrian and vehicular use is proposed. The paving in these areas may be a combination of different materials including asphalt, scored concrete and/or special unit pavers. This style of paving should be used in place of curbs in areas where pedestrian safety zones need to be delineated. Other architectural elements, such as bollards, may also be used to increase pedestrian safety in these zones. If used, these architectural elements should be of a material, color, texture and style consistent with the other site elements proposed in these guidelines.

Typical mixed vehicular and pedestrian (“woonerf”) paving treatment.



Central Avenue.

The same style of paving used along Central Avenue should also be used in the park and at any other location where “special paving” has been suggested, such as the entry plaza, gateways, etc. This paving style creates uniformity to the overall design and allows for the incorporation of artistic design elements into the paving surface.

This uniformity in paving is an essential design element in creating a connection between downtown Bellingham and the waterfront area.

Landscape

All landscape development within the study area should be installed and maintained to preserve and enhance views of the waterfront. The landscape improvements along the eastern bluff have been divided into three planting zones: native, formal and transitional. The native zone should consist of informal plantings using plants native to the Bellingham area. This zone should blend into the existing hillside vegetation to the north. This zone should have more height variety than either the transitional or formal zones and should focus on plants with fall color and/or flowering natives. The native zone should also include a mixture of conifer as well as deciduous plant types. The formal zone should contain more controlled and maintained plantings using a mix of native and ornamental species to create “drifts” of color throughout the bluff. The planting in this zone should enhance views of the waterfront as well as the proposed amphitheater, Art Walk and the existing Whatcom Museum. The transitional zone should provide a buffer between the contrasting native and formal zones and should blend the two styles as much as possible, such as using ornamental plants in a more informal style. This zone should also maintain views to the waterfront, but create a transition to the taller native/existing vegetation.

The plantings adjacent to Whatcom Creek should be selectively pruned and thinned to increase safety and allow framed views of the creek. Supplemental plantings may be added to draw color through the park.

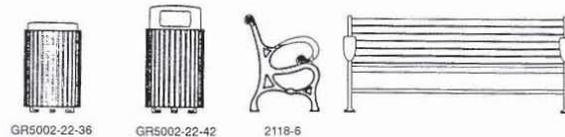
Plant materials should be chosen to be sensitive to the specific environmental conditions of the project site and assist in enhancing water conservation practices.

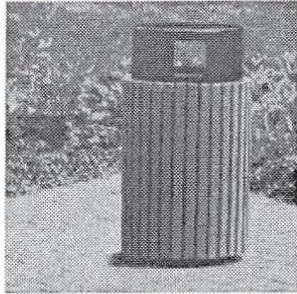


Bench.

Site Furnishing

Site furnishings should be selected and utilized to provide a more pedestrian friendly environment and to create an atmosphere where people can gather, interact





Waste Receptacle.

and enjoy their surroundings. Benches should be wood with metal armrests. In some areas, where space allows, benches should be oriented in such a way as to encourage pedestrian interaction, such as facing each other, the path and/or plaza. Benches should be situated in areas where activity occurs. TimberForm® bench style 2118-6, or like product, is recommended.

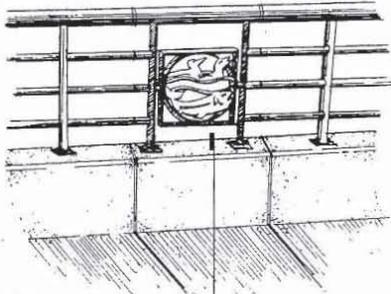
Waste receptacles should compliment the bench with a similar material, color, texture and style. Landscape Forms™ waste receptacle style GR5002-22-42, or like product, is recommended for locations in the landscape or streetscape that are exposed to rainfall. Landscape Forms™ style GR5002-22-36 may be used in areas, such as under a trellis or other sheltered area, that are less exposed to weather conditions.

Designs from the Bellingham Bay Interpretive Project could be used in the Museum Overlook railing.



Railings

There are three proposed areas where railings are needed: along the waterfront, at the amphitheater and proposed stairway locations, and at the proposed park overlook points. Different types of railings specially designed in conjunction with an artist should be used to incorporate elements from the rich history and culture of the city and to respond to the different railing locations. The material, color, texture and style of the different railings should be consistent with other site elements proposed in these guidelines.

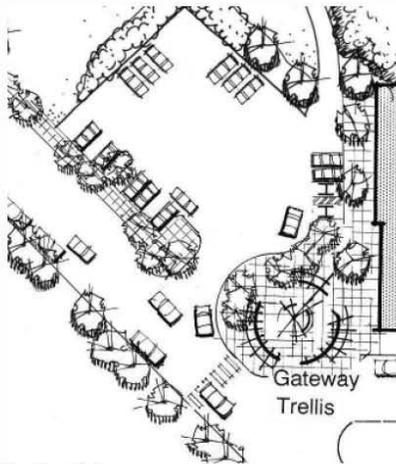


Art should be integrated into the design of the metal railing.

Parking

W. Holly Avenue presently consists of two travel lanes and parallel parking on both sides of the street. Long range plans should consider reconfiguring the east side of W. Holly Avenue to allow for angled “pull-in” parking on the east side only.

A reorganization and delineation of existing parking within the Central Avenue right-of-way (upper & lower areas) is also suggested to increase the efficiency of parking in those areas.



Parking Lot

The proposed parking lot adjacent to W. Holly Avenue may be used by adjacent buildings and Maritime Heritage Park visitors. This parking area will be buffered along the north park edge and conveniently located next to the proposed playground. The south, east and west edges of the parking lot should be treated as a continuation of the streetscape and receive similar planting as along W. Holly Avenue.

Streetscape

The streetscape along W. Holly and Central Avenues should consist of street trees, tree grates, benches and waste receptacles. This streetscape character should extend throughout the project area.

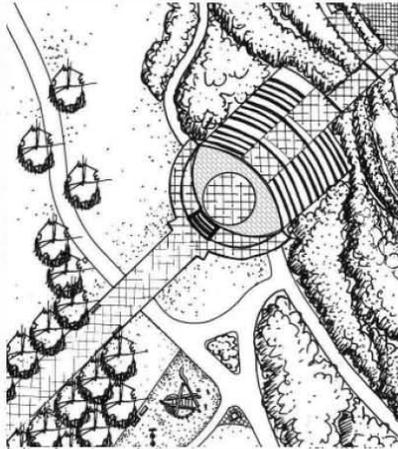
Street trees shall be a small tree variety that provides seasonal color and interest along the street edge while preserving views of the waterfront. They should be planted with a variety of spacing along the street, rather than at equidistant intervals (see Master Plan), such that breaks in the rhythm of tree spacing are apparent. This tree spacing rhythm should increase (more trees) at intersections to accentuate the pedestrian character and scale of those areas. Special accent trees should be considered for the intersections of W. Holly Avenue and Roeder Avenue with Central Avenue to enhance their importance in the overall design.

Tree selection should be tailored to the specific site conditions of each area of the Master Plan, such as at the waterfront, under utility lines, etc. Although a variety of trees may be suitable, the number of different types of trees should be limited to allow a design consistency throughout the entire project area.

Tree grates should be provided where individual trees are planted in a hard surface area, such as sidewalks or plazas. Clusters of trees may be planted in planting beds at intersection locations. The tree grates should be specially designed in conjunction with an artist to respond to the neighborhood character. A tree grate design may include an important agricultural crop, a symbolic suggestion of an historical element, or a local Native American pattern.



Special intersection paving patterns and clustering of street trees help define pedestrian zones.



Amphitheater

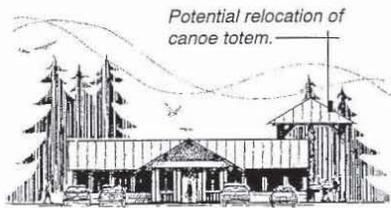
Benches and waste receptacles should be integrated into the streetscape at their appropriate locations.

Amphitheater

The amphitheater should be a multipurpose area that can serve as a grand stairway to the downtown civic center as well as an informal seating area.

The proposed seat-walls should be concrete with some texturing for added interest. The seat-walls should extend beyond the traditional seating area and blend into the bluff to allow the integration of the amphitheater into the landscape, as well as to provide slope stabilization.

The stage should not be specifically defined, but function as a small plaza/landing at the base of the stairs. This plaza area will allow for a greater flexibility of space to be used for performances, small gatherings or festival activities.

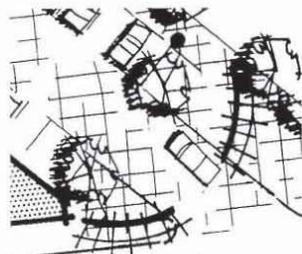


Restroom & Information Center.

Restroom/Information Center

The Restroom and Information Center is to be located adjacent to W. Holly Avenue in the southwest corner of the park and will act as a gatehouse, or “gateway”, to Whatcom Creek. The building’s architectural character should reflect the materials and style of the historic Citizens Dock building or other significant waterfront buildings. In addition to four stall restrooms and an information area, this building should also accommodate storage for both park maintenance use and amphitheater events. It should also be large enough to accommodate a small vendor.

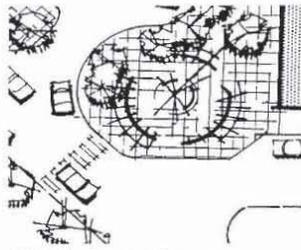
All activity, including restroom entrances should occur at the front of the building (the side facing W. Holly Avenue).



Central Avenue Gateway.

Pedestrian Connections

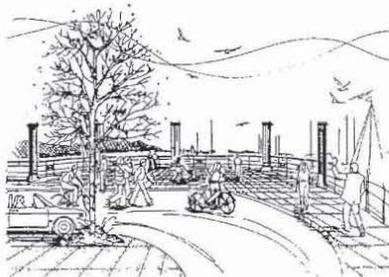
The proposed waterfront and streetscape improvements will create a greater interest in the waterfront and attract more people to the area. Therefore, providing safe



W. Holly Avenue Gateway.

pedestrian access to the park and waterfront area is a major component of this Master Plan. Special intersection paving is proposed at the intersections of W. Holly and Roeder Avenues with Central Avenue to delineate those areas as pedestrian zones. Pedestrian activated signals at crosswalks should also be included at these intersections.

The proposed renovations to Citizens Dock and Colony Wharf, along with the re-establishment of the adjacent floating docks, are another major component of this Master Plan. Revitalizing these areas for day use will provide a key element in creating an active waterfront area, as well as create a significant attraction for both residents and visitors. As such, a railroad signal arm for pedestrian crossing should be provided at Roeder Avenue. Also, warning signs or signal lights should be provided along Roeder Avenue to warn vehicles of pedestrian activity.

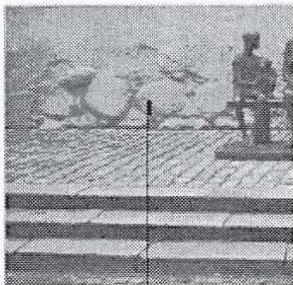


Central Avenue Terminus & Overlook.

Like the waterfront improvements, the proposed “gateways” will help draw people into the area. Therefore, safe access to the surrounding neighborhood is essential for the gateway concept to work. Crosswalk delineation and/or signal lights should be provided at gateway locations to ensure the safety of pedestrians.

Overlooks

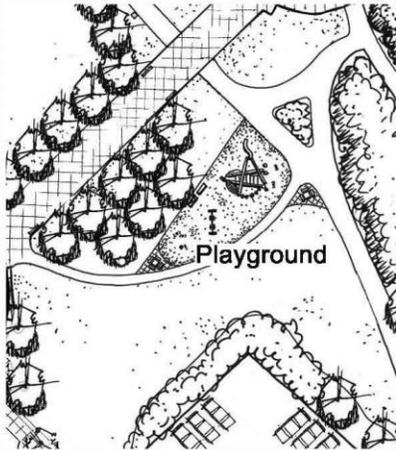
There are three proposed overlook locations for the Whatcom Waterfront area: the Museum Overlook, the Central Avenue Overlook, and the Overlook at the Central Avenue Terminus. Each overlook should be designated by a special paving pattern and defined by a vertical structure. Other site amenities may also be included in the design of these overlooks.



Potential textured wall treatment at overlook locations.

The Museum Overlook and the Central Avenue Overlook are connected by a specially designated “Art Walk”. The path along this “Art Walk” should have a hard surface for greater accessibility and should be located along the top of the bluff. The “Art Walk” may include both two and three dimensional art elements and could be either permanent or rotating designs. For example, the path and retaining wall surfaces may be painted, tiled, or otherwise embellished by an artist and separate

freestanding sculpture areas might meander through the pathway. In addition, a rotating “art bench” design could line the walkway. All of these examples provide visitors with an opportunity to interact with the different art elements along the “Art Walk”.



Playground

The proposed playground is located adjacent to the Central Avenue walkway. A new asphalt path bisects the lawn creating a small outdoor room surrounded by existing trees.

The playground will include equipment for a variety of ages, that reflect on the maritime character of the park. A rubberized poured-in-place playground surfacing will be provided to minimize safety concerns that may be associated with loose surfacing in this area. The playground elements should be fairly transparent with clear views across the playground for added safety and security within the park. Any swings should accommodate preschool and school age children.

Because of the existing landfill material below grade, the entire play area will be located on a structural foundation to eliminate differential settlement within the playground fall zones. For sufficient stormwater drainage, a layer of free draining gravel material with a perforated pipe will be placed under the structural foundation. A french drain connected to an existing catch basin, will be located at the edge of the playground to collect subsurface and surface stormwater.

Two concrete plazas frame either end of the playground to provide seating and picnic areas. The concrete should be enhanced with scoring, texture and color to match existing concrete surfaces in the park. A minimum of one picnic table located within these plazas should have ADA compliant seating. Additional park benches could be placed within the playground surfacing. All new benches and picnic tables should match current park standards.

APPENDIX C 2007 MARITIME HERITAGE PARK PROJECT

Maritime Heritage Park Project Phase 1: Issue Report and Recommendations

Purpose of the Report:

The purpose of this report is to:

1. Identify the most immediate issues facing Maritime Heritage Park.
2. Develop a set of recommendations that will inform an action plan to resolve those issues.

Report Development:

This report was developed by Planning & Community Development staff at the request of the City Center Action Group. The input for the report was collected by holding a meeting of initial primary stakeholders of Maritime Heritage Park, including City staff from Parks, Police, Public Works, and Planning and Community Development. The meeting was also attended by representatives of the Lighthouse Mission, Rainbow Center, Lettered Streets Neighborhood Association, Bellingham Technical College, and the Nooksack Salmon Enhancement Association. See Exhibit A for meeting details and a listing of meeting participants.

Summary of Major Issues/Problems (not necessarily in priority order):

1. **Increased Calls for Police Response:** The Police Department is experiencing an increased number of calls for assistance, mostly related to suspected drug activity and abandoned vehicles. Other Police related activity includes general public disturbance, drinking in public, indecent exposure, and threats to park staff members. Police Department representatives indicate that this type of activity has lead to a general “perception of fear” in the park.
2. **Abandoned Vehicles – C St Gateway:** There is an increased incidence of abandoned or permanently parked vehicles, including many vehicles used for living quarters, primarily along C Street. This problem often extends into the hatchery parking lot area and the area generally north of C Street, including D & E Streets. Debris related to vehicular camping is also prevalent along C Street. These issues along C Street have been identified as a major impediment to public use of the parking lot and park area north of Whatcom Creek.
3. **Overnight Camping:** There is an increased incidence of individuals sleeping overnight in the park and increased evidence of established “camps”, especially in the thickly vegetated hillsides and other secluded areas of the park. This problem is mostly seasonal (with a marked increase in warmer months). Overnight camping has also been reported in the hatchery storage area, under the Holly Street Bridge, in the amphitheater steps, on the benches in the vicinity of the fountain near Holly Street, and on the rear deck of the Environmental Learning Center (ELC).

4. **Vandalism – Public Restrooms:** There is an increased incidence of vandalism and other security concerns with the public restrooms adjacent to the ELC. The restrooms are now open only for specific events at the ELC.
5. **Safety of ELC Staff, Volunteers, and Users:** There are increased concerns for the general safety of ELC staff, volunteers, and school-age users relating to conflicts with individuals frequenting the ELC deck areas and other areas of the park. ELC staff members have received direct threats and have had numerous encounters while working with school groups in the park, including at least one report of indecent exposure. Some Parks are no longer willing to work at the ELC location. Some parent volunteers have indicated they would not return to the facility.
6. **Litter / Alcoholic Beverage Containers:** There is an increase in the amount of litter in the park, mostly consisting of concentrated quantities of alcoholic beverage containers. Most of this litter is found around the more secluded benches, along trails, and other sitting areas and underneath the overlook decks. This type of litter is negatively impacting educational tours and activities in the park. C St is also another area with concentrations of litter.
7. **Human Waste:** There is an increased incidence of exposed human waste throughout the park, leading to both environmental and public health concerns. This problem has increased to the point that Parks staff must take special precautions when working in the vegetated areas of the park. There are also reports of human waste on the cement bulkheads within a few feet of Whatcom Creek and very strong odors of urine along the interpretive streamside trails. Human waste problems are also reported under the new boardwalk north of Whatcom Creek and at the end of C St in the wooded area at the northern terminus of the boardwalk.

Summary of Recommendations:

Highest-Priority Recommendations:

1. Expand Police Bike Patrol (Patrol Area and Patrol Duration/Frequency): Participants agreed that the Police Bike Patrol is by far the most important activity that has improved conditions at the park. Park staff and users report decreased incidence during the bike patrol season. It is highly recommended that the bike patrol area be expanded across the footbridge to include the hatchery area, the parking lot at the terminus of C Street, and the boardwalk on the north side of Whatcom Creek. Additional funding may be needed for expansion of the bike patrol program. (Lead: POLICE)

2. Provide Temporary Public Restroom Facilities: Participants highly recommend providing a temporary restroom facility consisting of multiple sanican type units within a screened enclosure. This project would address the immediate need to improve the sanitation issues and relieve some of the tension around the restroom facilities at the ELC. Preliminary discussions about this project indicate that the most economical solution would be to rent sanicans that would receive regular maintenance by the service provider, not by Parks staff. A screened enclosure is

recommended to limit vandalism, improve security, and limit the visual impact of the facility. Parks staff recommend building a screened enclosure similar to the one at Birchwood Park. The National Park Service also has suitable designs. Additional funding is needed for this project. (Lead: PUBLIC WORKS)

3. Thin Vegetation in Selected Areas: Many of the problem activities occur in areas of the park that are densely vegetated. Although Parks staff, NSEA volunteers, and Public Works directed crews do perform maintenance activities in the park, participants agree that some additional thinning is needed. Trimming of vegetation is also consistent with the Crime Prevention Through Environmental Design (CPTED) program. It is important to note that Whatcom Creek and the surrounding riparian zone is a critical habitat area that is subject to several ongoing environmental studies and protection measures, which may limit or prevent vegetation removal within close proximity of the creek. According to Environmental Resources staff, vegetation removal in Maritime Heritage Park is a regulated under both the Critical Areas Ordinance and the Shoreline Master Program and as such requires permits or letters of exemption from the City. Parks, NSEA, and Environmental Resources representatives have agreed to form a work group to identify areas and methods for thinning that will not negatively impact the environmentally sensitive areas. Thinning efforts will focus on providing increased visibility while maintaining environmental integrity. (Lead: PARKS, NSEA, PUBLIC WORKS – ER, PCD)

Other Short-Term Recommendations:

Signage:

Install general park signage: hours, rules. (PARKS)
Install 8-hour parking signs on C (& D) Street. (PUBLIC WORKS)
Install “No Trespassing” sign under Holly St Bridge. (PARKS)
Install directional signs to park on Holly Street & C Street. (CCIMP = City Center Imp. Strategy)
Install directional signs to park on Central and Prospect. (CCIMP)

Property Improvements:

Cleanup City-owned property on C Street (600 W Holly), vines on fence, garbage, weeds. (PCD)
Improve corner of Holly and C Street (City-owned property) – this is gateway to park. (PCD)
Remove / improve ReStore property fence. (PCD)
Install sidewalk on south side of C Street. (PUBLIC WORKS)
Complete Post Office area re-vegetation. (PARKS)

Litter Control:

Provide garbage receptacles in high litter areas. (PARKS)
Volunteer / business sponsored trash pickup – regular schedule. (PARKS, PCD)

Security / Safety:

Reassign Parks Bike Patrol program – rules enforcement, etc. (PARKS)
Install security lighting in readily accessible areas (also long-term). (PARKS)
Install primary security cameras / webcams (BTC, boardwalk, overlooks). (PARKS, POLICE)
Install center dividers on benches throughout park. (PARKS)

Activities / Programming:

Increase activity programming in park (concerts/drama/public events/markets). (PARKS)

Use former ReStore parking lot for temporary event parking: fishing, parade – activate C St.(PCD)

Move existing playground to better location. (PARKS)

Social Services:

Coordinate additional work with Homeless Coalition and other human service agencies. (PCD)

Discourage hand-out programs focused on Maritime Park. (OUTSIDE AGENCIES)

Alternative: Direct individuals to established agencies / facilities. (OUTSIDE AGENCIES)

Distinguish between drug and alcohol issues and homelessness. (OUTSIDE AGENCIES)

Develop a plan that would eliminate the sale of high alcohol content beer and wine in the Old Town area. (POLICE)

Other Long-Term Recommendations:**Security / Safety:**

Install additional security lighting in more remote areas / trails. (PARKS)

Install additional security cameras / webcams. (PARKS, POLICE)

Create Citizen Patrol Program for park. (CCIMP, POLICE, LIGHTHOUSE MISSION)

Activities/Programming:

Install new expanded playground in more suitable location. (PARKS)

Support expansion of BTC Hatchery Program / potential new building. (PARKS, PCD)

Encourage additional uses for the ELC building, consider commercial uses. (PARKS)

Encourage vendors / commercial activity in the park. (PARKS, CCIS)

Increase day-programming at ELC and in park (including adults groups). (PARKS, CCIMP)

Increase activity programming in park (concerts/drama/public events). (PARKS, CCIMP)

Redirect Lee Memorial Park activities to park during Library construction. (PARKS, CCIMP)

Property Improvements:

Make improvements to bluff / Central Ave - gateway to park. (PARKS, PCD, CCIMP)

Encourage park oriented use of current Children's Museum building. (PFD, CCIMP)

Redevelop City-owned (600 W Holly) into mixed-use with housing overlooking park. (PCD)

Build new BTC Hatchery and Center at City-owned 600 W Holly property. (PCD, CCIMP)

Consider other uses for City property: Aquarium, espresso stand on corner, etc – temporary OK. (PCD)

Improve Dupont Street hillside area. (PARKS)

Social Services:

Support development or expansion of homeless service agencies. (PCD, OUTSIDE AGENCIES)

Partner on projects with new County homeless services grant. (PCD, OUTSIDE AGENCIES)

Other:

Rework parking ordinance to facilitate enforcement of abandoned vehicles. (PUBLIC WORKS)

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APPENDIX D REVIEW OF ACCOMPLISHMENTS TO DATE BASED ON 2007 REPORT (review completed April, 2013)

POLICE

- Expand Police Bike Patrol - HIGH PRIORITY *currently have 4 (6 in summer months, 2013.) Majority of patrol is downtown but spills over into park.*
- Develop a plan that would limit single serving alcoholic beverage sales in Old Town. *Alcohol Impact Area in effect.*

PUBLIC WORKS

Short Term:

- Provide Temporary Public Restroom Facilities - HIGH PRIORITY. *Parks currently pays for portapotties near Boss Tweed and by Hatchery.*
- Install 8 hour parking signs on C (and D) Street. *Currently on C Street.*
- Install directional signs to park on Holly and C Streets (CCIMP). - *unknown outcome*

Long Term:

- Install sidewalk on south side of C street. *No*

PARKS

Short Term:

- Thin vegetation in Selected Areas - High Priority. *Completed as summer "all parks staff" project.*
- Install "No Trespassing" sign under Holly Street Bridge. *Has not happened. Need clarification if doing so would negate recreation immunity. Suggest "No Camping" sign.*
- Complete Post Office area re-vegetation. *Done*
- Provide garbage receptacles in high litter areas. *Done*
- Reassign Parks Bike Patrol program - rules enforcement, etc. *No*
- Install security lighting in readily accessible areas (also long term). *Uncertain where lighting exists*
- Install center dividers on benches in park. *Rebuilt. Yes.*
- Increase activity programming in park (concerts/drama/public events/ markets) (also long term). *No*
- Move existing playground to better location. *In 2010 Master Plan revision. No funding has been designated.*
- Install general park signage: hours, rules. *No. (See page 7, item H)*
- Volunteer/business sponsored trash pickup. *Parks Volunteer Program has sponsored regular restoration work parties which includes garbage pickup.*
- Install primary security cameras/webcams (BTC, boardwalk, overlooks) (also long term). *One located on street pole in front of Environmental Learning Center facing Holly Street. This unit is not in use.*

Long Term:

- Install additional security lighting in more remote areas/trails. *No.*

- Install new expanded playground in more suitable location. *See above.*
- Make improvements to bluff/Central Ave approach to park - gateway to park. *Currently working on bluff by hatchery.*
- Encourage additional uses for the ELC building, consider commercial uses. *Currently used for COB programs and meetings.*
- Encourage vendors/commercial activity in the park. *No.*
- Increase day programming at ELC and in the park - are there adult groups in ELC. *Currently have programming M-W No increase.*
- Increase activity programming in park (concerts/drama/public events) (also short term). *No.*
- Redirect Lee Memorial Park (Library) activities to park during library construction. *N/A*
- Support expansion of BTC Hatchery Program/potential new building. *Underway.*
- Install additional security cameras. *No.*

PLANNING & COMMUNITY DEVELOPMENT

Short Term:

- Cleanup City owned property on C Street (600 W Holly), vines on fence, garbage weeds. *Done. Area currently used as temporary storage for BTC construction.*
- Improve corner on Holly and C Street (City owned property) - this is a gateway to the park. *Currently under discussion by City staff.*
- Remove/Improve ReStore property fence. *Improved.*
- Coordinate review/revision of abandoned vehicle policy with Mayor's office. *Undetermined.*
- Use ReStore parking lot for temporary event parking: fishing, concerts parade - activate C Street. *No. Parking could be considered a pollutant.*
- Coordinate additional work with Homeless Coalition and other human service agencies. *Undetermined.*

Long Term:

- Redevelop City owned property (600 W Holly) into mixed use with housing overlooking park. *Public Development Authority project.*
- Consider other uses for City property: aquarium, espresso stand, etc *Current plan is to issue a Request for Development Proposals for the city-owned 600 W Holly site. Staff is reviewing an appraisal to determine whether or not to recommend this property be declared surplus.*
- Build new BTC Hatchery and Center at City owned 600 W Holly property. *Underway.*
- Support development or expansion of homeless service agencies. *Grants are given through City.*
- Partner on projects with new County homeless services grant. *Undetermined.*

OTHER

- Encourage park oriented use of current Children's Museum building. *N/A*
- Install directional signs to park on Central and Prospect (CCIMP). *Done*
- Create citizen patrol program(CCIMP, POLICE, LIGHTHOUSE MISSION). - *No*
- Discourage hand-out programs focused on Maritime Park. *As government agency cannot discriminate re: reservations and rentals. Would need documentation about how rental is*

detrimental to park. Better solution would be to work with charitable groups to identify best location for program.

- Alternative: Direct individuals to established agencies/facilities. (OUTSIDE AGENCIES)
Undetermined.
- Distinguish between drug and alcohol issues and homelessness. (OUTSIDE AGENCIES)
Undetermined.

APPENDIX E CROSS COMPARISON MATRIX

Cross Comparison Chart

2013 MARITIME WORK GROUP	PUBLIC SPACE SURVEY	2007 MARITIME WORKGROUP
Safety of park - real and perceived		Increased calls for police response
staff resource availability		
more aggressive transients		
seating by fountain		
Master Plan focus on open ended use		
lack of parking		
lack of programming	More programming -multiple comments	more programming/events
social issues, homelessness and mental illness		more over night camping
need increased compliance with rules		vandalism, litter, human waste
universal approach not site specific		
INFRASTRUCTURE		
More lighting	More lighting	more lighting in park and remote trails (longterm)
security cameras		security cameras
shrubbery	Cut back vegetation	Thin vegetation in certain areas
perimeter fencing		remove/improve Re store property fence
call boxes		
signage with park rules	Safety signs	signage: hours and rules
structural changes to building		
pipng music		
dog off leash area	Off leash dog area	
Frisbee golf and bocce ball	Bocce ball or disk golf	
skate park	Skate park	
basketball court	Basketball court	
establish area for "homeless" to gather		
Portland Loo		provide temporary public restroom facilities
utilize building		increase usage of building
resolve seating at fountain (iron teepee)	Provide movable chairs	install center dividers on benches
call to artists - planter box at fountain		
lease building for commercial use		Consider commercial use of building
playground	Playground - multiple comments	Playground in better location
	Provide bike racks	
	Add concessions to environmental building	
	Create lively edges around the park	
	Redevelop the Old Town	
	Make park entances more visable	Improve gate way to park
	provide bathrooms	
		Support expansion of BTC hatchery/ potential new building

Cross Comparison Chart

MARITIME WORKGROUP	PUBLIC SPACE SURVEY	2007 MARITIME WORKGROUP
Park ranger/cadet program		volunteer program (for trash pickup)/citizen patrol
Police substation or workstation		
collaborate with other depts - ie library, parking services		
collaborate with user groups - ie Grateful Dogs		
ENFORCEMENT (continued)		
Adopt a Park		
	expanded patrol	more bike patrol
Alcohol Impact Area		Alcohol Impact Area
PROGRAMMING		
Vendors - ie food truck	Vendors	vendors/ commercial activity
events/fairs/chalk art festival/Maritime Days	events, music, festivals	more programming/events
prioritize FTE for downtown and park programming		
provide security at events		
increase media outreach for positive perception		
program with other agencies - ie Humane Society		Program with homeless coalition and other human service agencies
incorporate wellness program		
buskers/street performers		
hire security		
rent building		Encourage people to rent building
RFP to pay for community events		
Market the park. Promote activities	Organize markets-art/flea	increase activities/ programming
	Make better use of amphitheater	
STAKEHOLDERS		
see list		work with groups
OTHER		
Research other communities/parks		
Trail connection to waterfront	Better connect park to water front	

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APPENDIX F – MARITIME HERITAGE PARK BUILDING : CONVERSION OF USE

Memorandum

To: Maritime Heritage Park Work Group
From: Jonathan Schilk, RLA
Date: April 24, 2013
Subject: Maritime Heritage Park Building – Conversion of Use

I talked to John Lind, Plans Examiner, Building Services about the subject conversion of use of the building. What follows is a brief record of the main points of that conversation

CHANGE OF USE

Changing the current use to food service related is entirely possible, from building services perspective. Requirements for kitchen design, sinks, floor drains, refrigeration capacity, and ventilation will vary depending on the ultimate use, assuming it is to be food service related. Permit considerations include Impact Fees, Health Department Permits, Plumbing, HVAC, electrical, and other related permits.

OCCUPANCY

The square footage of the building sans, storage, restrooms, office is 920 s.f.

Current Occupancy rating:

Group E-2, class room, meeting with occupancy load less than 50 people; and Group B (a kind of “catch-all” for an assortment of uses including eatery, restaurant, etc.) The building can be converted to Occupancy Group M, which would allow retail uses.

Potential Occupancy Ratings: These numbers are for reference only. The final occupancy figures will be determined at a later time.

The maximum occupancy for restaurant use: about 60.

The maximum occupancy for retail use: about 30.

FIRE PROTECTION

If the building is converted to food service or retail, it isn't likely a sprinkler system will be required.

ZONING

Zoning allows conversion of use to food service and retail

THE BACK DOOR

The back door is not needed regardless of the above mentioned potential uses. I allowed the second door to be installed because it provides inexpensive flexibility of building use. At the time of design, the concept was it is better to have and not need it than to need and not have it, thus avoiding expensive building alterations and more permitting. I recommend not removing the back door; but to attach a sign to the door that faces outwards that says "Door Blocked" to be seen outside the building, and to put a physical barrier in front of the door (planter, tree in pot, etc.) and/or remove panic bar.

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APPENDIX G – ALTERNATE RECREATIONAL OPPORTUNITIES

Such additional site programming in Maritime Heritage Park can include:

- bocce ball,
- skate park
- fenced dog-off leash area “DOLA”

Bocce Ball:

Bocce ball is a versatile game for all ages, gender and athletic ability. Bocce ball rules vary and can be changed according to the players. Play may range from a nearly nonexistent set of rules to the strictest of tournament rules. According to Wikipedia, Bocce ball is a ball sport belonging to the boules sport family, developed into its present form in Italy. It is played around Europe and also in overseas areas that have received Italian migrants, including Australia, North America, and South America. Initially played among the migrants it is becoming more popular with their descendants and the wider community.

In Bellingham, bocce ball is an activity that continues to increase over the years.

Court length, width, choice of materials, and even the playing surface have a certain arbitrary nature to them the City can determine any size. Nevertheless, the standard dimension for a bocce ball court is 10’ or 12’’ x 87.6’, however, the recommended minimum size should be 8’x 50’. Surfacing can be crushed oyster shells, fine compacted gravel, or turf grass. Depending on size of the court constructed, costs can range between a few thousand dollars including design, permitting, grading, existing area of turf lawn, reseed and establish grass, to \$20,000 for a formal full-size cast-in-place concrete contained turnkey bocce ball court with oyster shell surfacing. A lawn bocce ball court will not increase maintenance costs since the lawn will be re-graded to accommodate one or two courts. A formal court of any size configuration will increase maintenance costs in terms of anticipating the potential need to replace wood curbing (if wood curbing is installed), drainage, surface maintenance and repair.

Positives:

- compatible with park master plan
- compatible with other park uses
- not likely to trigger master plan amendment process
- not likely to expose the public to the Holly Street Landfill material
- no significant change to storm water concentration and flows
- no significant permit issues
- potentially low initial cost
- low maintenance cost
- Quiet recreation

Negatives:

- none

Basketball Court:

A full court basketball court is 50' x 84', asphalt or concrete construction

Positives:

- see skate park
- relatively low initial cost
- relatively low maintenance cost

Negatives:

- see skate park
- triggers Master Plan amendment process

Disk Golf:

Could be very popular with a variety of City residents. Throws vary in length. Cornwall Park typically has 300' throws and considered to be a good beginners course. The main limiting factor to disk golf is lack of area in the park to safely accommodate this activity. This option is not recommended.

Positives:

- low initial cost
- low tee and basket maintenance cost
- no significant change to storm water concentration and flows
- no significant permit issues

Negatives:

- park area will significantly limit the number of tees
- high maintenance of grass around tee area
- footing may enter the landfill strata depending on location
- popularity is likely to wane after the novelty has worn off
- disks can be accidentally or deliberately thrown into the creek, Holly Street, or in other part of the park and pose a hazard to traffic, park users and sidewalk pedestrians.
- triggers Master Plan amendment process

Skatepark:

A .53 acre skate park exists in the Civic Complex on Puget Street, and is a combination of street and "vert" skateboard features. Locating a skate park will provide a second venue in the city of Bellingham for young skaters and trick cycling. MHP has sufficient space for a skate park about half the area of the Puget Street skate park. The location for this potential skate park is west of the walkway aligned with Central Avenue and upstream of the Park Building. Other related improvements include signage and park benches. A

skate park located in Maritime Heritage Park will need to consider limitations imposed by the underlying Holly Street landfill. Such limitations include: varying settlement rates depending on location, excavation, maintenance of the minimum 2' thickness of cap over the landfill material, and proximity to Whatcom Creek which is inside the Shoreline Jurisdiction, BMC 16.22.

Skate Park Construction:

Excavation into the landfill cap and landfill material is **not** recommended. Over excavation and replacement of site materials is not feasible due to the relative high cost and other special handling of landfill material. Therefore, an engineered p.c.c. slab on grade containing sufficient steel reinforcement must be designed to resist forces that would otherwise result in cracking and faulting.

Asphalt concrete, a.c., pavement is less expensive and more plastic than Portland cement concrete, p.c.c., pavement. However a structural fill to support a.c. pavement will be required. Construction of supporting structural fill cannot be achieved without excavating the landfill material. Without support a.c. pavement will eventually break under tension, ravel, and create subsequent higher ongoing maintenance costs. An asphalt concrete skate park is **not** recommended.

Attempts to import and place on existing grade additional structural with the intention of increasing subgrade support of the skate park, or to provide enough depth to allow skate features like bowls, pools and snake runs, are likely to delay but not prevent eventual transmission of landfill settlement through the increased structural section.

Skate parks can be constructed with portland cement concrete "p.c.c." or asphalt concrete "a.c.". The advantages and disadvantages of both materials vary according to inherent flexibility, initial construction cost, maintenance costs and life span. Typically p.c.c. is the industry standard and is useful in creating cast in place skate elements (quarter and half pipes, snake runs and other fluid features). Asphalt concrete is used for more street scape and prefabricated off the shelf skate features. Both surface materials will eventually fail in Maritime Heritage Park due to settlement of landfill material, if not adequately reinforced. Reinforcement can take the form of replacing poor subgrade with structural material to provide adequate loading resistance, or it could incorporate steel reinforcement into p.c.c. to float the park over the landfill, or more likely, both strategies.

Skate parks come with positive and negative attributes. These attributes are subjective and depend on the values of the person judging impacts on the site by a skate park. Yet it is reasonable to state the relative positive and negatives of a skate park in Maritime Heritage Park.

Positives:

- skating is an urban activity that can be compatible with other park uses
- may improve desirability of living down town to some demographics
- increased attraction of city youth and young adults to the park
- more "skate" related activity generated in the park (viewers, contest., etc.)
- opportunities to view a sporting activity and people watch
- the landfill cap will become more a barrier to the landfill

Negatives:

- potential failure of the skate park due to landfill settlement
- special structural design to avoid failure in the pavement
- desired blend of age groups visiting the park will decrease. A park dominated by skater and bike trick enthusiasts may be eschewed by some more mature and seasoned citizens resulting in stratification based on age bracket.
- noise impacts to surrounding areas (clatter of skate boards on pavement and boom boxes)
- potential increase in graffiti and other similar vandalism
- will create increased storm water management need
- relatively high design, construction, and maintenance costs
- potential excavation into the landfill
- compliance with Department of Ecology Regulations could be expensive
- relatively short service life depending on building materials
- triggers Master Plan amendment process

Fenced Dog Off Leash Area "DOLA"

It is obvious that a DOLA is likely to increase park use by dog owners and undesirable behaviors are likely to be displaced by dogs running off leash. Yet issues such as the quality of storm water runoff to Whatcom Creek and compatibility to adjacent programmed uses needs to be resolved.

The area available for a DOLA in Maritime Heritage Park could be 1.3 acres and occupy the entire open lawn area west of the walkway aligned with Central Avenue. The Lake Padden DOLA and the DOLA planned for Squalicum Creek Park are both about 2 acres in area.

The construction of a DOLA in the park would entail placing about 1,300 feet of 4' fencing, 2,100 cy of wood chips, several dog waste stations, signage, and park benches.

Positives:

- provides opportunity for a greater mix of user age groups in the park
- gives downtown dwellers a place to give their pets free reign
- displaces undesirable behaviors
- increased attraction of pet owners to the park

- more related activity generated in the park
- opportunities to pet and people watch
- the wood chips will become more a barrier to the landfill
- relatively low cost design, construction, and maintenance

Negatives:

- converts a large percentage of the available open lawn area to one use
- potential incompatibility with other adjacent park uses and gatherings
- new cost of handling/disposing dog waste
- design and construct a treatment system to intercept storm water surface run off from the DOLA before it reaches Whatcom Creek
- noise impacts to surrounding areas inside and outside the park (barking dogs)
- create a need to maintain the DOLA sand filter
- triggers Master Plan amendment process



Maritime Heritage Park Potential Site Use Enhancements Map

4/2/13

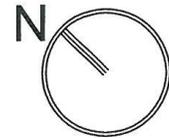
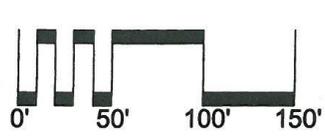
Bocceball/Skate Park /Basketball

Bocce ball court
90' x 13'

Skate Park
110'x110'



Basketball co
42'x84'

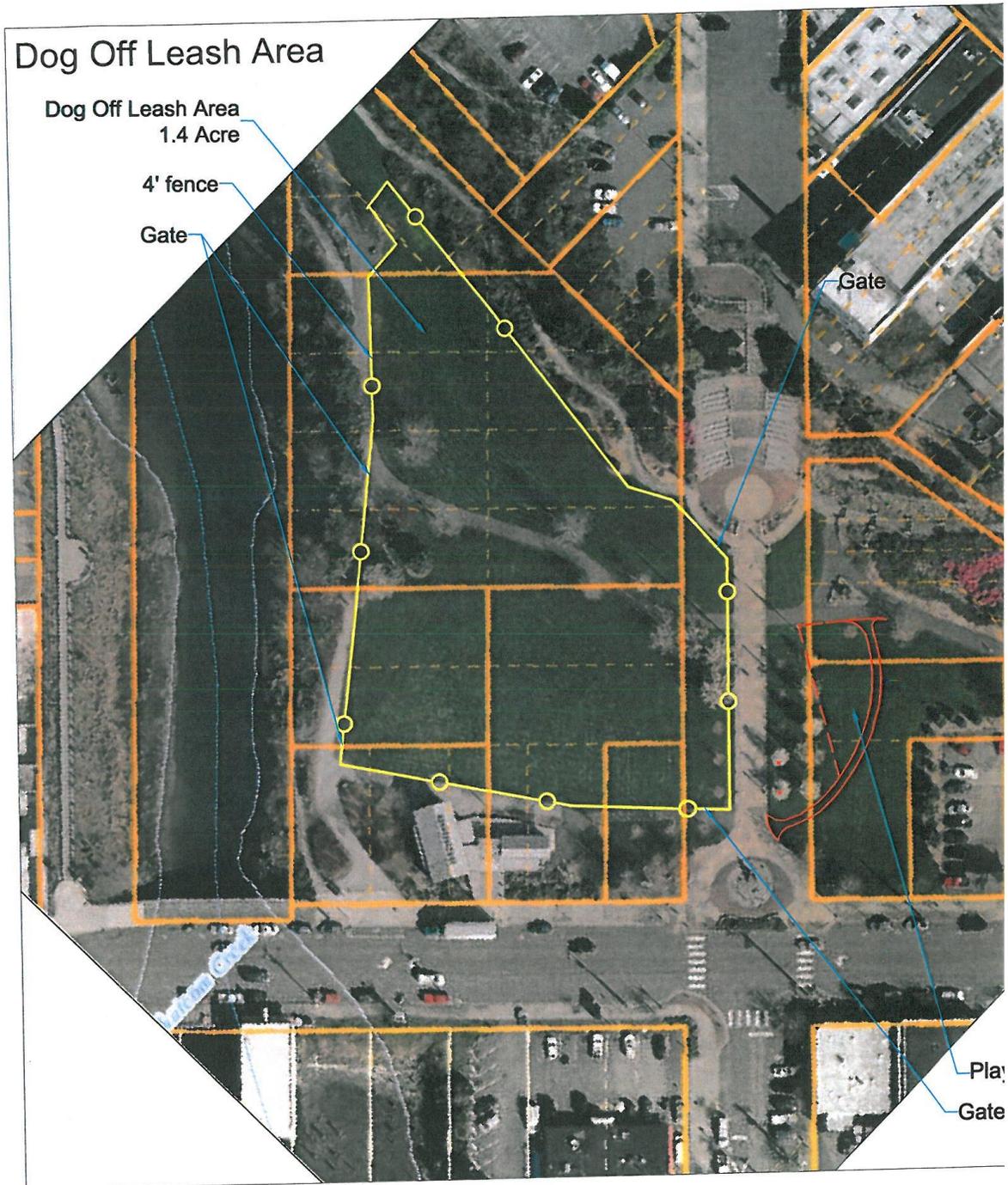


Disk Golf



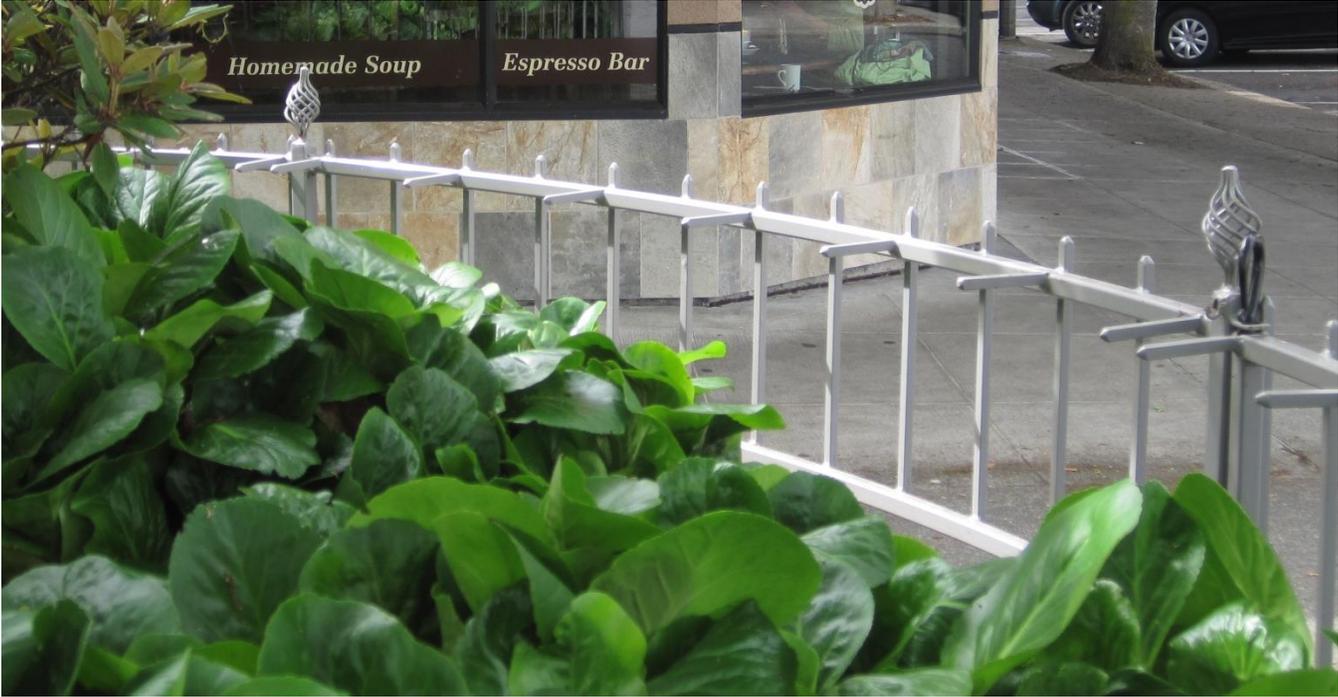


Maritime Heritage Park Potential Site Use Enhancements Map



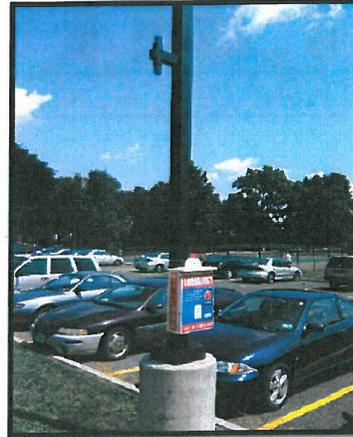
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APPENDIX H FOUNTAIN DESIGN CONCEPT



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APPENDIX I CALL BOX



Professional Security Call Boxes

C24-14A-UTBO-SLDE, S-Series UHF MkIII Wireless MOTOTRBO Call Box Station (110-480vac)

C24-10A-MU-SLDE, same specifications but 10"W x 20"T x 6" D, 110-250vac
(see detailed specs publication, avail. in UHF/VHF/800 and 900 Mhz frequencies)

Includes

C24-14A-UTBO, UHF AC Mark III Wireless Call Box (110-480vac)

Rugged All-Weather Aluminum & Stainless CALL24 Enclosure, (14A: 14"W x 20"T x 6" D)
Enclosure Metal Thickness .1250, Durable Polyester (superior outdoor grade) Powder Coat Sandstone Gloss Finish
Large Highly-Visible Reflective "Assistance", "Emergency", "Call Box" Decals, Outdoor 3M DOT Grade, (custom available)
Large Front Panel LED Call "Sent" / Call "Received" Indicators (hearing impaired), Raised Letter & Braille (visually impaired)
Open Single Push Button Access-for easiest possible Caller Use (helps meet the needs of the physical impaired)
StarCharge; Internal Power Supply, Transformers & Charging Circuitry to operate from **Constant or Switched Lighting AC**
12VDC Rechargeable Battery Backup, Reverse Battery Connect Alert Protection, Battery Saver Load Shedding Enabled
BlueStar Photovoltaic Sensor for Locator Light, Internal Locator and Strobe Light Connection - powered from call box
Strobe On/Off Programmability PER Call-Type. (i.e. for Dual Button, Aux. Trip Device, or Remote Control Switch Applications)
Vandal Resistant Antenna atop Call Box, (remote antennas available)
State-of-the-art "Mark III" Master Control Board Technology Programmed, comprehensive field re-programmable
Two-Way Communications, Hands-Free Listen Mode Capable, internal volume adjustable 5W speaker, High-Gain Mic
Security Screw Access Bits, Manuals, and 24 Month Product Warranty

STANDARD PROGRAMMABLE FEATURES (factory programmed for you)

Automatic Call Box Caller Greetings for all 7 Call Types, On/Off, and quite mode programmable
Two-Way Voice Access Control through Programmable SecureCall™ or AutoActivate™ for all call types
Remote Control Reset and Programmable Auto-Reset Timer, (a reset puts call box back into standby / call ready mode)
Call Types ID: type of call, call box location, and call box number all via voice alert messaging, (ANI capable)
Standard Call Types Include: External Call Button(s), Battery Maintenance, Silent Tamper, Test, and Auxiliaries
Individual DTMF Remote Control Codes: Connect, Disconnect, Reconnect/Call Back, Hands-Free Listen, and Test
Zone DTMF Remote Control Codes: All Call and Intercom, (see options for All-Call PA and Group Call PA)
Audible Transpond "handshake" confirmation tones over control channel for all Individual Remote Control Codes
Call Message Alerts Repeat Cycle Programmable, VOR / COR Programmable, Programmable Tamper Sensitivity.

See Call Box Options Sections of Product List; ANI Enabled, Auxiliary Trip Devices Expandable, All-Call/Group PA, Dual Button, etc.
and one of the following....

C24-000693, Blue Strobe & BlueStar™ Locator Light Assembly, RoundMount

C24-000567, Blue Strobe & BlueStar™ Locator Light Assembly, FlatMount

C24-000641, Call Box Mounting Kit, for Round Pole Installations

Add Option

S-Series



Professional Security Call Boxes

C24-14A-MU-SLDE, S-Series UHF MkIII Wireless MOTOTRBO Call Box Station (110-480vac)

C24-10A-MU-SLDE, same specifications but 10"W x 20"T x 6" D, 110-250vac
(see detailed specs publication, avail. in UHF/VHF/800 and 900 Mhz frequencies)

Includes

C24-14A-MU, UHF AC Mark III Wireless Call Box (110-480vac)

Rugged All-Weather Aluminum & Stainless CALL24 Enclosure, (14A: 14"W x 20"T x 6" D)
Enclosure Metal Thickness .1250, Durable Polyester (superior outdoor grade) Powder Coat Sandstone Gloss Finish
Large Highly-Visible Reflective "Assistance", "Emergency", "Call Box" Decals, Outdoor 3M DOT Grade, (custom available)
Large Front Panel LED Call "Sent" / Call "Received" Indicators (hearing impaired), Raised Letter & Braille (visually impaired)
Open Single Push Button Access-for easiest possible Caller Use (helps meet the needs of the physical impaired)
StarCharge; Internal Power Supply, Transformers & Charging Circuitry to operate from **Constant or Switched Lighting AC**
12vDC Rechargeable Battery Backup, Reverse Battery Connect Alert Protection, Battery Saver Load Shedding Enabled
BlueStar Photovoltaic Sensor for Locator Light, Internal Locator and Strobe Light Connection - powered from call box
Strobe On/Off Programmability PER Call-Type. (i.e. for Dual Button, Aux. Trip Device, or Remote Control Switch Applications)
Vandal Resistant Antenna atop Call Box, (remote antennas available)
State-of-the-art "Mark III" Master Control Board Technology Programmed, comprehensive field re-programmable
Two-Way Communications, Hands-Free Listen Mode Capable, internal volume adjustable 5W speaker, High-Gain Mic
Security Screw Access Bits, Manuals, and 24 Month Product Warranty

STANDARD PROGRAMMABLE FEATURES (factory programmed for you)

Automatic Call Box Caller Greetings for all 7 Call Types, On/Off, and quite mode programmable
Two-Way Voice Access Control through Programmable SecureCall™ or AutoActivate™ for all call types
Remote Control Reset and Programmable Auto-Reset Timer, (a reset puts call box back into standby / call ready mode)
Call Types ID, type of call, call box location, and call box number all via voice alert messaging, (ANI capable)
Standard Call Types Include: External Call Button(s), Battery Maintenance, Silent Tamper, Test, and Auxiliaries
Individual DTMF Remote Control Codes: Connect, Disconnect, Reconnect/Call Back, Hands-Free Listen, and Test
Zone DTMF Remote Control Codes: All Call and Intercom, (see options for All-Call PA and Group Call PA)
Audible Transpond "handshake" confirmation tones over control channel for all Individual Remote Control Codes
Call Message Alerts Repeat Cycle Programmable, VOR / COR Programmable, Programmable Tamper Sensitivity

See Call Box Options Sections of Product List; ANI Enabled, Auxiliary Trip Devices Expandable, All-Call/Group PA, Dual Button, etc..

C24-000567, Blue Strobe & BlueStar™ Locator Light Assembly, FlatMount

S-Series



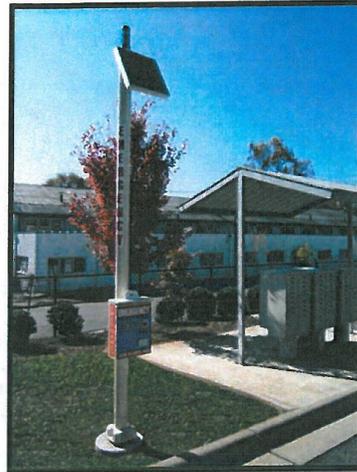
Professional Security Call Boxes

C24-14SD1-MU, UHF SOLAR MkIII

Wireless Call Box Stanchion

With C24-RSU and C24-AMPB Options

(see detailed specs publication)



Includes

C24-14S-MU, UHF Solar Mark III Wireless Call Box

Rugged All-Weather Aluminum & Stainless CALL24 Enclosure, (14S: 14"W x 20"T x 6" D)
 Enclosure Metal Thickness .1250, Durable Polyester (superior outdoor grade) Powder Coat Sandstone Gloss Finish
 Large Highly-Visible Reflective "Assistance", "Emergency", "Call Box" Decals, Outdoor 3M DOT Grade, (custom available)
 Large Front Panel LED Call "Sent" / Call "Received" Indicators (hearing impaired), Raised Letter & Braille (visually impaired)
 Open Single Push Button Access-for easiest possible Caller Use (helps meet the needs of the physical impaired)
 SunCharge; Internal Voltage Regulator, Charging Circuitry, Universal Panel Mounting Bracket, Cable, Grommet, Clamps
 12VDC Rechargeable Battery Backup, Reverse Battery Connect Alert Protection, Battery Saver Load Shedding Enabled
 BlueStar Photovoltaic Sensor for Locator Light, Internal Locator and Strobe Light Connection - powered from call box
 Strobe On/Off Programmability PER Call-Type. (i.e. for Dual Button, Aux. Trip Device, or Remote Control Switch Applications)
 Modular 16 Chl, 25-12.5 kHz Transceiver, 1-5W Simplex & Repeater factory programming, (field re-programmable)
 Vandal Resistant Antenna atop Call Box, (remote antennas available)
 State-of-the-art "Mark III" Master Control Board Technology Programmed, comprehensive field re-programmable
 Two-Way Communications, Hands-Free Listen Mode Capable, internal volume adjustable 5W speaker, High-Gain Mic
 Security Screw Access Bits, Manuals, and 24 Month Product Warranty

STANDARD PROGRAMMABLE FEATURES (factory programmed for you)

Automatic Call Box Caller Greetings for all 7 Call Types, On/Off, and quite mode programmable
 Two-Way Voice Access Control through Programmable SecureCall™ or AutoActivate™ for all call types
 Remote Control Reset and Programmable Auto-Reset Timer, (a reset puts call box back into standby / call ready mode)
 Call Types Identify; type of call, the location of the call box, and call box number via voice alert messaging, (ANI capable)
 Standard Call Types Include: External Call Button(s), Battery Maintenance, Silent Tamper, Test, and Auxiliaries
Individual DTMF Remote Control Codes: Connect, Disconnect, Reconnect/Call Back, Hands-Free Listen, and Test
Zone DTMF Remote Control Codes: All Call and Intercom, (see options for All-Call PA and Group Call PA)
 Audible Transpond "handshake" confirmation tones over control channel for all Individual Remote Control Codes
 Call Message Alerts Repeat Cycle Programmable, VOR / COR Programmable, Programmable Tamper Sensitivity.

See Call Box Options Section; ANI Enabled, Auxiliary Trip Devices Expandable, All-Call/Group PA, Dual Button, etc.

C24-USP20, Solar Power Supply, region 1

Power Supply Includes Panel, Battery, Regulator, Mount Kit & Cable, powers call box and options 24/7

C24-000565, Blue Strobe & BlueStar™ Locator Light Assembly, TopMount (C24-SLDE-B360S)

C24-000641, Round Pole Mounting Kit (C24-MKRP-S)

C24-000473, Anchor Mount, Tempered Aluminum Polyester Powder Coated Pole

5" dia. 12ft afg, 12ft overall (C24-RS512AM-O)

3ea Large EMERGENCY Pole Markings as depicted, standard alternative EMERGENCY CALLBOX white text on red)

S-Series



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APPENDIX J SECURITY CAMERA



2205 QUEEN ST., BELLINGHAM, WA 98229
(360) 738-4841 FAX 360 738-4281

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April 9, 2013

Tom Slack
City of Bellingham Parks

RE: Estimate for Sony Cameras at Maritime Park

Tom,

As we discussed, below is some cost estimate information regarding cameras at the Maritime Park. If you are not able to reuse existing cameras, then we would recommend using the Axis P3364-VE Network Camera. It is a 1 MP outdoor, day/night camera with very good low light sensitivity. It also features remote focus and remote zoom so adjusting the camera's field of view does not require physically access to the camera.

It was a bit difficult coming up with a labor estimate based, so I included 24 hours of labor. This may need to be adjusted up or down depending on how the power and fiber/cable is assigned.

Maritime Park – Camera Installation Estimate

6	Axis P3364-VE Network Camera, Day/Night, 1MP – See Attached Data Sheet.	
6	Wall/Pole Mounts	
1	Electrical Permit, COB	
1	Installation, Prevailing Wage, One Year Warranty	
	TOTAL T&M NOT TO EXCEED:	\$10,237.00

Required but not included above:

- Fiber/Cable to Each Camera
- Power at Each Camera Location
- Washington State Sales Tax

Thanks for the opportunity to provide this estimate. Please let me know if I can provide any additional information.

Regards,
Gateway Controls, Inc.
BY: Jonathan Huffman

WA State Electrical Contractors License #GATEWCI055DT

AXIS P33 Network Camera Series – Outdoor models

Fixed domes for any environment with remote focus and zoom.



- > 5MP and HDTV
- > WDR and Lightfinder
- > Built-in IR illumination
- > Remote focus and zoom
- > P-Iris control
- > IK10 impact-resistant, outdoor-ready models

AXIS P33 Network Cameras constitute a series of indoor and outdoor-ready fixed domes. These cameras are ideal for unobtrusive video surveillance, day and night, in exposed areas such as city surveillance, airports, railway stations, retail stores, office buildings, museums, schools and university campuses.

AXIS P33 Series offers models with exceptional image quality from SVGA resolution up to 5 megapixel, including SMPTE-compliant HDTV 720p and 1080p video. AXIS P33 Series provides multiple, individually configurable H.264 and Motion JPEG video streams.

The SVGA and HDTV 720p/1MP models support Axis' Lightfinder technology, which makes these cameras extremely sensitive to low light. AXIS P3384-VE that additionally supports wide dynamic range (WDR) with 'dynamic capture', provides outstanding video quality in the most demanding conditions with strong variations in light. The 5 megapixel model, AXIS P3367-VE, can cover a large area with exceptional detail and light sensitivity. All AXIS P33 models support P-Iris control for optimal image clarity.

AXIS P3364-LVE incorporates new long-life LED technology that is highly power-efficient. Adjustable in angle and intensity, the built-in IR solution offers easy configuration optimizing for the scene. All AXIS P33 cameras support the remote focus capability that eliminates hands-on focusing at the camera, and remote zoom that allows the camera's angle of view to be optimized.

All AXIS P33 cameras offer digital pan/tilt/zoom and the 3-megapixel and 5-megapixel models additionally provide multi-view streaming. The weatherproof AXIS P33-VE/-LVE cameras have low, environmental-friendly power consumption supplied by standard Power over Ethernet (IEEE 802.3af), and operate in a wide temperature range from -40 °C to 55 °C (-40 °F to 131 °F).



Fixed domes designed for efficient installation

Outdoor-ready models of AXIS P33 Series are the perfect choice for a wide range of demanding video applications. AXIS P33 Network Cameras are designed for professional video surveillance with easy and reliable installation in focus.

Outdoor-ready installation for tough climates

The outdoor models of AXIS P33 Series are specially designed for reliable, vandal-resistant and weather-proof installation, with pre-installed heater and fan, and an integrated dehumidifying membrane eliminating any humidity caught in the camera casing during installation. These cameras come with a 5 m (16 ft.) Ethernet cable with a pre-mounted, specially designed gasket, enabling flush wall mounting and requiring no additional sealant. A weather shield is also included for effective protection against reflections from sunlight, or build-ups of rain or snow; except for the AXIS P3364-LVE model, for which the shield could interfere with the built-in IR illumination. A wide range of optional mounting kits are available, for example for mounting on a wall, pole or corner.

Lightfinder technology

The SVGA and HDTV 720p/1MP models of AXIS P33 Series incorporate Axis' unique Lightfinder technology. The outstanding light sensitivity, with maintained colors even in very poor lighting conditions, is obtained by a combination of Axis' expertise in image processing, system-on-chip development and selection of the best optical components.

For more on Lightfinder technology, go to:
www.axis.com/corporate/corp/tech_papers.htm

Wide dynamic range – dynamic capture

AXIS P3384-VE that supports WDR with 'dynamic capture' is ideal for surveillance in areas with strong variations in light, for instance in tunnel passages, and other areas where the sunlight creates both very bright zones and dark shadows. AXIS P3384-VE enables easy and clear identification of people and objects both in bright and dark areas.

Built-in IR illumination

AXIS P3364-LVE features built-in IR illumination based on new, long-life LED technology that is highly power-efficient. This results in high-quality, low-noise video also when the environment is completely dark.

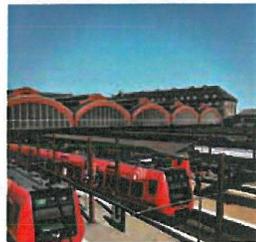
P-Iris control

AXIS P33 Series features the advanced precise iris control that comprises a special P-Iris lens, together with dedicated software in the camera, to set the best iris position for optimal depth of field, resolution, image contrast and clarity. Good depth of field implies that objects at different distances from the camera are in focus simultaneously.

For more on P-Iris and iris control, go to:
www.axis.com/corporate/corp/tech_papers.htm

Easy installation

AXIS P33 Network Cameras offer unique installation capabilities including remote focus and zoom. The remote focus feature enables convenient focusing over the network, eliminating the need for hands-on fine-tuning at the camera. The remote zoom functionality ensures that the camera's angle of view is optimized for the area to be monitored. The pixel counter assures that the required pixel resolution is met. The built-in IR solution in AXIS P3364-LVE automatically adapts the illumination angle with the zoom level, which simplifies installation.



APPENDIX K PUBLIC RESTROOMS

Environmental Services

working for clean rivers

Phone: 503-823-7740 (<http://portlandoregon.gov#>) Fax: 503-823-6995 (<http://portlandoregon.gov#>)
1120 SW 5th Avenue, Suite 1000, Portland, OR 97204



Purchasing Information

Pricing and Features

The standard price for The Portland Loo is \$90,000 (U.S.). Price is FOB Portland, Oregon. Shipping and installation costs, and any related fees and permits, are the responsibility of the purchaser. A discount is available for single orders of three or more units.

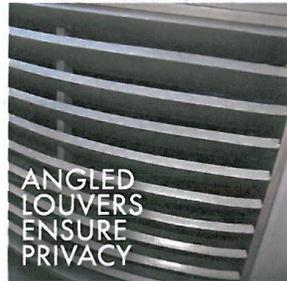
Standard features include commercial grade toilet and energy-efficient fixtures, skylight, solar power system, anti-graffiti finish, and options for placement of the door hinge and the outside handwash station. An optional 110-AC power system, mounting brackets for outside art or advertising, and other custom options are available for additional charge.

Download more Loo specifications. (<http://portlandoregon.gov/bes/article/409536>)

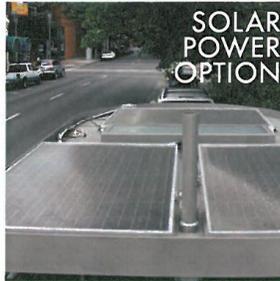
THE PORTLAND LOO SPECIFICATIONS



A public space
restroom
available 24/7



ANGLED
LOUVERS
ENSURE
PRIVACY



SOLAR
POWER
OPTION



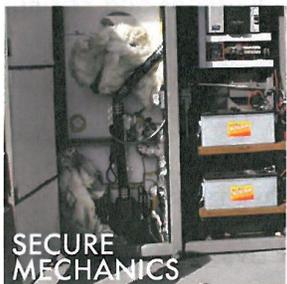
NATURAL
LIGHT



HAND
WASH
FACILITY
ON THE
OUTSIDE



DURABLE
AND
EASY
TO
CLEAN



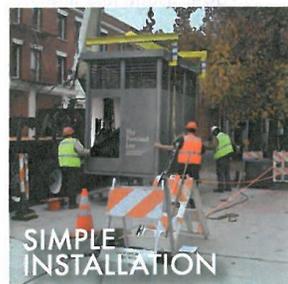
SECURE
MECHANICS



ART OR
ADVERTISING
DOOR
PANEL



ROOM
FOR A
BICYCLE
OR
STROLLER



SIMPLE
INSTALLATION

INNOVATIVE PUBLIC RESTROOMS

DESIGNED TO BE DURABLE IN AN URBAN SETTING

- Heavy-gauge stainless steel is powder-coated to resist vandalism and graffiti
- Louvered panels allow for community surveillance
- Recessed interior and exterior LED lights
- Powered by electricity or solar panels
- Entry and fixtures are ADA-compliant

DESIGN AND CONSTRUCTION FEATURES

- 10'7" long x 6' wide x 10'8" tall
- Approximately 6,000 pounds
- Wall panels, doors, and roof are 1/4" thick, 304-grade stainless steel
- Louvered panels at top and bottom
- Commercial-grade toilet fixtures
- Heavy-duty Stanley BEST® Access Systems door hardware
- Surfaces finished with powder-coated, graffiti-proof coating
- Lighting and heating fixtures are energy-efficient
- Automatic lighting system with photo-eye and motion-sensor
- Additional lighting from skylight
- Hand-washing and water station on exterior of unit

ELECTRICAL OR SOLAR-POWERED OPTIONS

24-volt DC power operation for lights, heat trace, and control circuits housed in NEMA-approved enclosure powered by solar panel system or optional 110-volt AC line-powered option

Solar Power Features

- Three 190-Watt solar panels (570 Watts total output)
- Outback Power® FLEXmax 60-amp solar charger with smart charge controls and data logging
- Two deep-cycle batteries designed for four days of autonomy when fully charged

Electrical Power Features

- 24-volt energy-efficient interior and exterior LED lighting
- 24-volt, 30-Watt heat trace integrated with toilet and plumbing systems
- Power usage less than 60 Watts at full operation

MAINTENANCE FEATURES

- Rear utility cabinet houses solar or electrical and plumbing controls
- Maintenance hose bibb for daily cleaning

INSTALLATION

- Footing design provides dimensions, rebar size, and layout
- Factory-provided metal template for anchor bolt layout is aligned with 4" sanitary sewer pipe for fast, accurate installation of base plate column mounts

FABRICATION and DELIVERY

The Portland Loo is fabricated in Portland, Oregon, by Madden Fabrication. The Loo comes fully tested and assembled from the factory. The Loo and its metal flooring panel are delivered as one piece and shipped with a metal brace that can be removed easily after installation.

WARRANTY PERIOD

The Portland Loo has a warranty period of one year, given normal use and care. When a component of the Loo has a manufacturer's warranty that is longer than one year, the manufacturer's warranty will be honored.

CUSTOMIZATION

The Portland Loo can be customized to fit the site. The door can hinge on the right or left, the wash stand can be located on the left or right side of the panel, advertising and art frames can be added to the exterior walls, and the power source can be specified as solar powered or 110-volt AC line powered.

PRICING

Portland Loo pricing is available upon request. A discount may be available for orders of three or more Loos. The price does not include costs or fees for shipping, installation, permitting, or other fees.

Questions and Pricing Information

Scott Turpen, 503-823-7104

Scott.Turpen@portlandoregon.gov

www.portlandloo.com



BS 1205 27 Aug 2012

APPENDIX L PARK RANGER PROGRAM



Bellingham Police and Parks Ranger Program Proposal



Bellingham Police and Parks Departments Ranger Program

The city of Bellingham has a wonderful system of 50 parks. Some of those parks, however, have had issues with transients, vandalism, graffiti and others of concern. Police officers patrol the parks as time permits but are not always able to address all incidents or issues in a timely manner. An example of this is Maritime Heritage Park which has become the focus of a work group that is staffed by parks and police employees.

In the past, a park ranger program was initiated as the result of a partnership between Bellingham's parks and police departments. Park rangers were hired as seasonal workers who were trained and supervised by the police department. Recent concerns involving Maritime Heritage Park have created a need to revisit that program.

If reintroduced, the program would entail pairing a parks employee (rangers) with a police officer for the purpose of enforcing rules, regulations and city ordinances.

Park rangers could promote safety by providing educational material to park visitors and by being a mere presence or a point of contact. They would assist police officers by reporting crime, vandalism and park safety related issues to the police. If granted a limited commission and training, they could issue infractions for drinking and urinating in public. Otherwise, they would notify dispatch or police officers who would then enforce park violations. By providing an extra set of eyes in addition to being a visible presence, the park rangers may curtail most unwanted behavior that occurs within the parks.

Next is the issue of funding.

Attached is a spreadsheet showing examples of the seasonal or park ranger programs utilized in other cities and counties across the country.

Uniforms should be provided for the purpose of identifying the employees as park rangers. They would also need some form of transportation as well as a means of communication.

Uniforms: \$200.00 for two sets of shirts and two pair of pants. Embroidery included.

Police radio: \$1940.00 for two radios.

Transportation: means and cost to be determined.

Equipment: leather radio holder, flashlights or other necessary equipment can be provided at no cost by BPD.

Training: 40 hours on general crisis intervention, handling the mentally ill and general public, writing reports and citations (if allowed) and being ambassadors for the city. This would be provided at no cost by BPD.

The police department will continue to utilize bicycle officers and Neighborhood Anti-Crime Team members to patrol the parks during the summer, as the call load allows.

I believe that the implementation of the seasonal park ranger program will greatly decrease the problems in the park, move along those who want to have behavior issues that are non-compliant with other park users. This would enhance the public safety in the parks and citizens and visitors will feel safer.

Respectfully,

Lt. Mike Johnston
Special Operations

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APPENDIX M HUMAN SERVICE GRANTS

2012 HUMAN SERVICE AWARDS

CATEGORY	PROGRAM	AMOUNT
<u>HOUSING</u>		
LAW Advocates	Courthouse-Based Eviction Clinic	\$7,961
Lydia Place	Transitional Housing	\$17,358
Northwest Youth Services	Transitional Living	\$20,919
Opportunity Council	Homeless Housing	\$32,940
Sean Humphrey House	Housing and Support Services - HIV/AIDS	\$9,576
Whatcom Volunteer Center	House 2 Home Network	\$4,205
Whatcom Volunteer Center	Volunteer Chore	\$8,746
Womencare Shelter	Emergency Confidential Shelter	\$21,942
YWCA	Larrabee Residence	<u>\$16,274</u>
Total Housing		\$139,921
<u>BASIC NEEDS</u>		
Bellingham Food Bank	Emergency Food Distribution	\$22,587
Opportunity Council	Community Voice Mail	\$6,744
Opportunity Council	Maple Alley Inn	\$15,561
Whatcom County Council on Aging	Meals on Wheels for Seniors	<u>\$7,792</u>
Total Basic Needs		\$52,684
<u>PHYSICAL/MENTAL HEALTH</u>		
Evergreen AIDS Foundation	Barney Wood Memorial Fund	\$4,263
Interfaith Community Health Center	Primary Medical Services for Underinsured	\$16,188
LAW Advocates	Homeless Disabilities Benefits Advocacy Project	\$13,128
Whatcom Counseling & Psychiatric Clinic	Assistance in Transition from Homelessness (PATH)	<u>\$23,303</u>
Total Physical/Mental Health		\$56,882
<u>SUPPORTIVE SERVICES/JOB TRAINING</u>		
Brigid Collins Family Support Center	School Linked Interven. for Child Abuse	\$4,195
Domestic Violence & Sexual Assault Services	24-Hour Crisis Hotline	\$4,739
Whatcom Literacy Council	Obtaining Job Skills Through Literacy	\$5,286
Womencare Shelter	Post Shelter Support	<u>\$4,152</u>
Total Supportive Services/Job Training		\$18,372
<u>AFFORDABLE CHILDCARE</u>		
Bellingham Childcare and Learning Center	Childcare & Early Learning Services	<u>\$18,026</u>
Total Affordable Childcare		\$18,026
SUBTOTAL OF CATEGORIES		\$285,885
2012 Winter Emergency Shelter	Winter 2012 (awards mid-2012)	\$26,138
Bellingham School District	Readiness to Learn Program	<u>\$4,356</u>
TOTAL		\$316,379

6/20/2012

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APPENDIX N DOWNTOWN BEHAVIORAL ISSUES FOCUS GROUP

Downtown Behavioral Issues Focus Group

This group was convened in partnership with Daylight Properties to discuss topics of concern around behavioral issues (ie. loitering, panhandling, homelessness, public drunkenness). This group now meets regularly to coordinate on solutions to these issues.

Participants include:

Whatcom Counseling & Psychiatric Clinic/Rainbow Center
Leopold/Daylight Properties
Downtown Bellingham Partnership
Bellingham City Council
Bellingham Police Department
Catholic Community Services
Bellingham Planning and Community Development
Whatcom County Homeless Coalition
Downtown Business Owners/Property Owners/Residents
Whatcom Co. Health Department



Meetings to date have included:

Presentations about current crime statistics, work programs, and goals from police, services provided by social service agencies, Catholic Housing Services housing proposal, Downtown Partnership efforts/ambassador proposal. **GOAL: COORDINATE AND LEARN ABOUT THE VARIOUS RESOURCES AND SERVICES AVAILABLE DOWNTOWN**

Possible tools to address issues:

- Mobile Outreach Team to contact those with addictions and mental health problems (already existing but promote).
- Proposed municipal code changes to better enforce open container laws
- Downtown Ambassador program
- Police resource discussion
- Partnerships between Rainbow Center and Downtown Partnership
- Communication tools between agencies
- Public outreach and marketing
- Crime Prevention through Environmental Design resources (through Police Department)
- Tenant Toolbox (knowledge sharing, best practices)

Next step: Developing teams to advance the tools and initiatives above.