

Towards a clear "Vision"

The purpose of establishing a vision and principles for a planning area is to identify the core qualities that define (or will define) the area, and key directions for protecting and/or enhancing those qualities over time. The vision and principles also act as criteria for evaluating all other elements of the Plan to ensure consistency, coherence and purpose.

The existing Waterfront Plan does not include a vision for how the Waterfront functions and evolves over time. As such, a new vision that reflects the key defining features and opportunities along the Waterfront is proposed:

"The Barrie Waterfront is the City's greatest asset and attraction, characterized by brilliant natural features, vibrant and diverse public spaces and high-quality water-based facilities. It is a prized and shared resource for recreation, economic development and events and programming on the shores of Kempenfelt Bay.

The Barrie Waterfront is intimately connected to the City's Downtown and neighbourhoods through a comprehensive and interconnected system of trails and parks.

The Barrie Waterfront Plan reinforces the value of this unique asset and establishes a framework for harmoniously balancing the many competing interests, uses and facilities that bring life to the Waterfront, and ensures its continued success as the City grows and evolves over time."



Refining the principles

As noted, the principles utilized in the current Waterfront Plan have served the City well over the past decade. Now is the opportunity to refine those principles to reflect the priorities and objectives for the evolution of the waterfront over the next twenty years. The following refined principles are suggested:

1. Public

Public ownership of the Waterfront is key to ensuring public access to, and vitality along the shores of Kempenfelt Bay. The City shall protect and enhance public ownership of the water's edge, with a focus on achieving a highly connected public water's edge trail network.

2. Green

Future development and programming will minimize impacts on the natural environment, and the City, along with all Waterfront users, will seek to protect, restore and enhance natural heritage features along the Waterfront. The implementation of sustainable design objectives will be considered in all new public and private sector development adjacent to the Waterfront.

3. Connected

The Waterfront is physically and visually connected to the Downtown and other adjacent neighbourhoods, as well as to key natural and cultural heritage features of the City and Simcoe County. Views of the Waterfront are to be protected along roads and through parks features. An uninterrupted system of public trails and roads will be a characteristic of the Waterfront experience. Enhanced connectivity will be achieved through the ongoing implementation of Active Transportation objectives.

4. Diverse

The Waterfront will continue to accommodate a full array of recreational and cultural facilities, activities and events. In addition, the Waterfront will include economic development opportunities that are water-related and land-based. Achieving a diversity of uses in an appropriate balance will enhance the use of the Waterfront at all times of the day and year, and will include opportunities for business, residents and tourists.

5. Attractive

High quality design is a priority for all public and private spaces and buildings along and in proximity to the Waterfront. Significant public buildings along the Waterfront shall be iconic, and shall become recognizable landmarks for the City. Linkages leading to the Waterfront from the Downtown will promote interaction by incorporating attractive streetscape and park design, creating an inviting environment, especially for pedestrians.

6. Accessible

Continuous and barrier-free access to the Waterfront will be provided for people of all ages and abilities, and safe and comfortable facilities will be provided for all travel modes, especially walking and cycling.

7. Clean

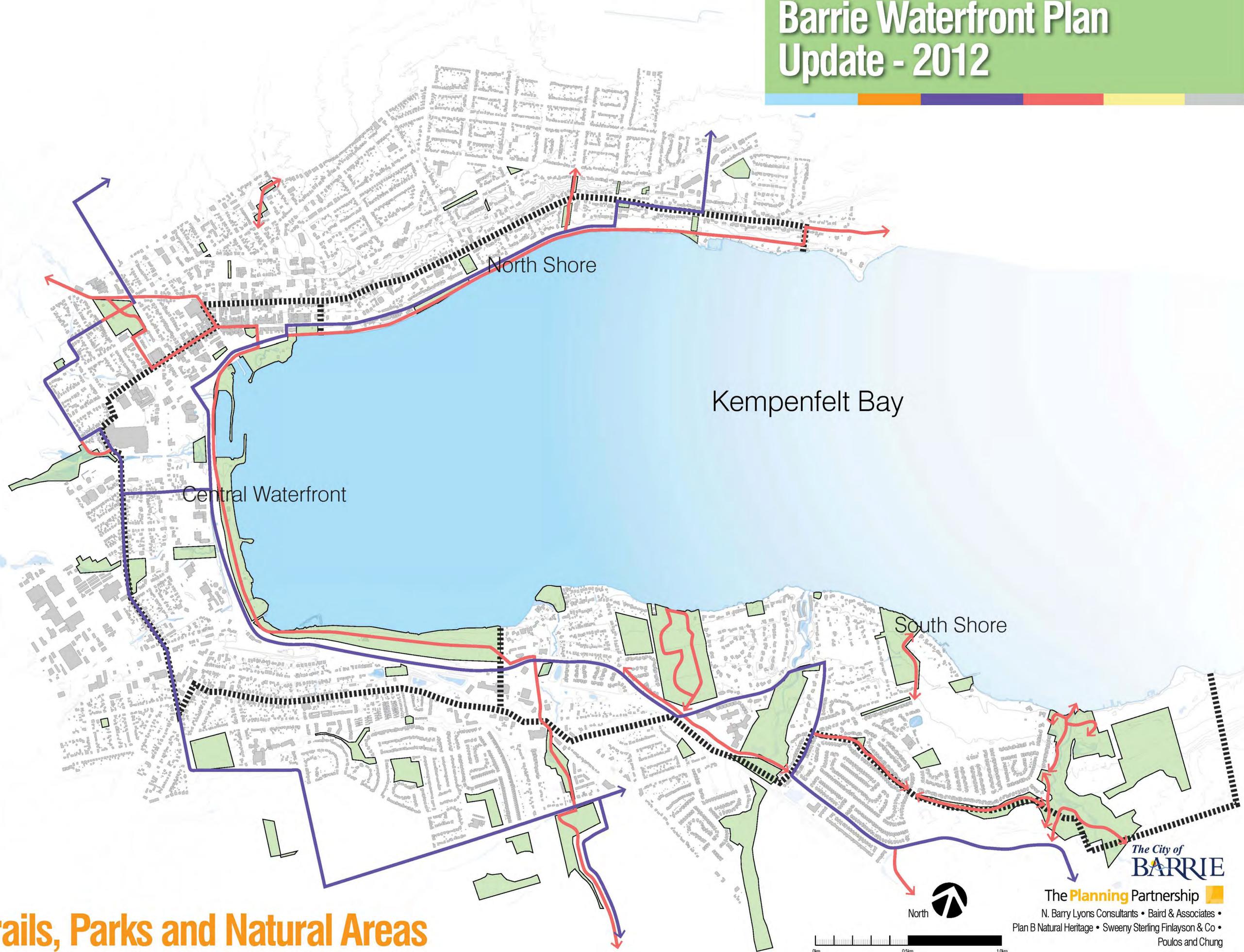
High quality and diligent maintenance of the Waterfront trails, parks and facilities will ensure an enjoyable experience for all Waterfront users, free of pollution. New development shall consider building and landscape materials and techniques that are low maintenance, or maintenance free.

8. Well-Managed

The Waterfront will be managed through an effective administrative structure that will ensure that future Waterfront development will be financially responsible, taking into account short and long-term costs and benefits for the City, its partners and the entire community. The Waterfront administrative structure will be responsible for the implementation of the vision and principles of this Plan.

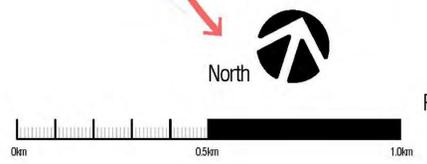
Legend

-  On-Street Bicycle Route
-  Multi-use Trail
-  Existing Parks and Natural Areas
-  Study Area Boundary



2: Existing Trails, Parks and Natural Areas

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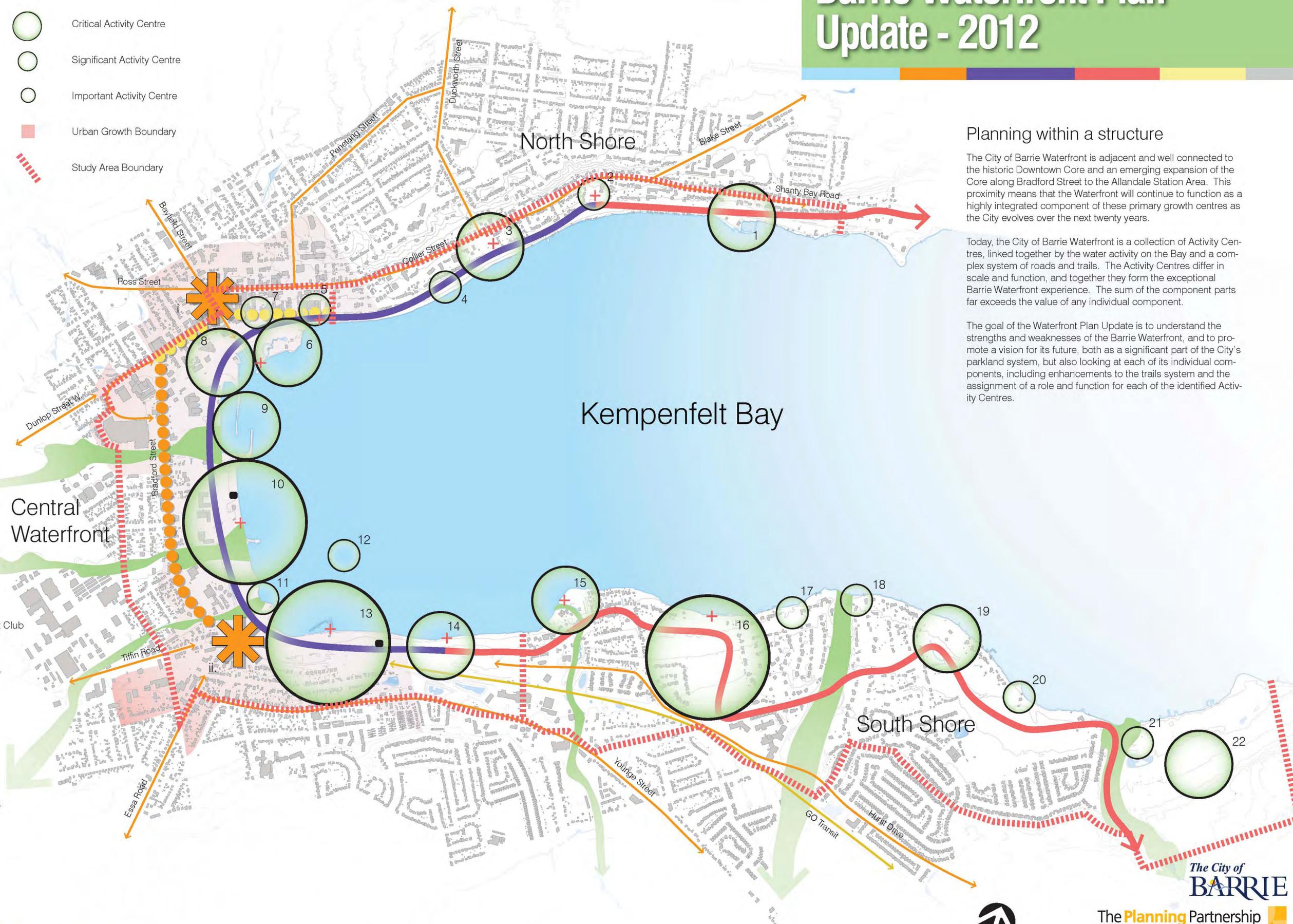


Barrie Waterfront Plan Update - 2012

Legend

-  Major Road
-  Major Railway
-  Environmental Connection
-  "Discover Barrie" Waterfront Trail
-  Barrie "Heritage Trail"
-  Public Art Beacon
-  Existing Community Facility
-  Dunlop Street, Barrie's Mainstreet
-  Proposed Mixed-Use Commercial Zone
-  Areas of Significance
 - i. Downtown Barrie
 - ii. Allandale Intensification Node
-  Critical Activity Centre
-  Significant Activity Centre
-  Important Activity Centre
-  Urban Growth Boundary
-  Study Area Boundary

- 1 Johnsons Beach Park + Barrie Yacht Club
 - 2 Nelson Square
 - 3 St. Vincent Park
 - 4 Kempenfelt Park
-
- 5 Bayview Park
 - 6 Heritage Park
 - 7 Memorial Square
 - 8 Spirit Catcher Park
 - 9 City of Barrie Marina
 - 10 Centennial Park
 - 11 Tiffin Boat Launch
 - 12 JC Morrison Wreck
 - 13 Allandale Station Park
 - 14 Military Heritage Trail
-
- 15 Minet's Point Park
 - 16 The Gables Park
 - 17 Tollendal Woods Park
 - 18 Pioneer Park
 - 19 Tyndale Park
 - 20 Dock Road Park
 - 21 Wilkins Beach
 - 22 Loyalist Forest



Planning within a structure

The City of Barrie Waterfront is adjacent and well connected to the historic Downtown Core and an emerging expansion of the Core along Bradford Street to the Allandale Station Area. This proximity means that the Waterfront will continue to function as a highly integrated component of these primary growth centres as the City evolves over the next twenty years.

Today, the City of Barrie Waterfront is a collection of Activity Centres, linked together by the water activity on the Bay and a complex system of roads and trails. The Activity Centres differ in scale and function, and together they form the exceptional Barrie Waterfront experience. The sum of the component parts far exceeds the value of any individual component.

The goal of the Waterfront Plan Update is to understand the strengths and weaknesses of the Barrie Waterfront, and to promote a vision for its future, both as a significant part of the City's parkland system, but also looking at each of its individual components, including enhancements to the trails system and the assignment of a role and function for each of the identified Activity Centres.

3: Structural Concept

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The City of **BARRIE**

The **Planning Partnership**

N. Barry Lyons Consultants • Baird & Associates •
Plan B Natural Heritage • Sweeny Sterling Finlayson & Co •
Poulos and Chung

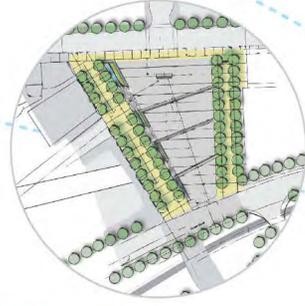
Central Waterfront



6 Heritage Park
No major changes anticipated. Minor upgrades are recommended, including a new hardscaped waterside walkway that will improve connectivity to the rest of the waterfront. Heritage Park is also a potential location for a public art beacon.

7 Memorial Square

Conceptual redesign is underway. The proposal includes creating a tiered, hardscape event space to relieve demand on other waterfront parks. Improvements will also enhance connectivity between the waterfront and downtown through streetscaping that prioritizes pedestrian comfort and safety.



8 Spirit Catcher Park

Please see Panel 6.

9 City of Barrie Marina

Please see Panel 5.



10 Centennial Park

Council approved a new Conceptual Design in June 2011. Implementation is underway. This park is also a potential location for a public art beacon.



11 Tiffin Boat Launch

Recently upgraded, no major changes anticipated.

12 JC Morrison Wreck

No major changes anticipated. The creation of a launch site for divers is being considered.



13 Allandale Station Park

Numerous upgrades have been implemented or are underway. This park is a potential location for a public art beacon. A new water-based sports tourism facility is also proposed adjacent to the Southshore Community Centre.

14 Military Heritage Trail

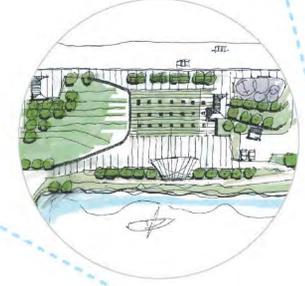
Please see panel 7. Potential location for a public art beacon.

North Shore

5 Bayview Park

Conceptual redesign is underway. The preliminary plan proposes several improvements, including:

- a seated amphitheater with a bandshell/stage,
- new open lawn areas,
- a plaza/flex space for events, a waterside boardwalk, and
- planting beds.



4 Kempenfelt Park

No major changes anticipated.



3 St. Vincent Park

No major changes anticipated. Potential location for public art beacon.



2 Nelson Square

No major changes anticipated. Potential location for a public art beacon.



1 Johnson's Beach

No major changes anticipated.



19 Tyndale Park

The 2005 Master Plan for this park has been implemented.



20 Dock Road Park

No major changes anticipated.



22 Loyalist Forest

In the long-term, a master plan may be prepared for a new walking trail.

South Shore

15 Minet's Point Park

No major changes anticipated. Potential location for a public art beacon.



17 Tollendal Woods Park

No major changes anticipated.

16 The Gables Park

Proposed City Recreation Hub, including a new building and facilities on site. Potential location for a public art beacon.

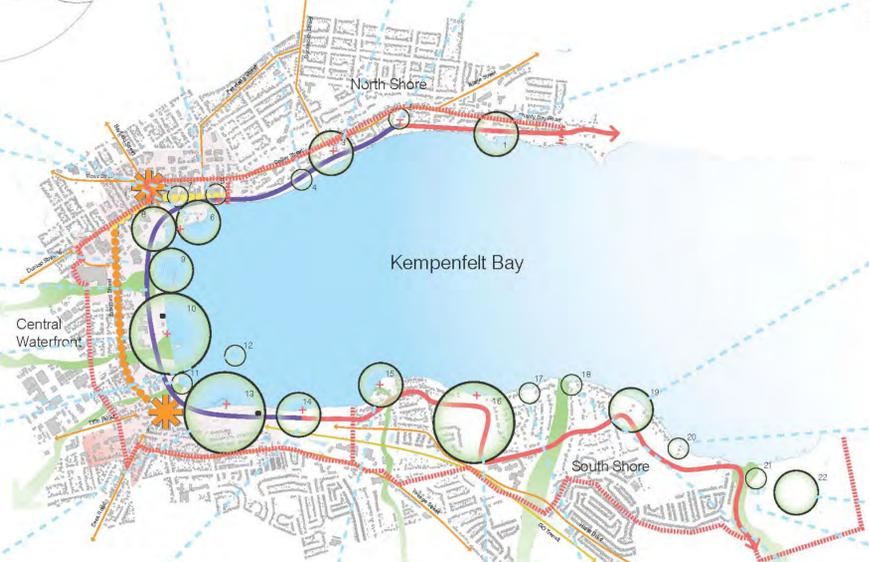
18 Pioneer Park

No major changes anticipated.

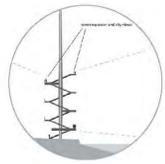


21 Wilkin's Beach

No major changes anticipated.



Features



Public Art Beacons

New public art beacons will be installed at key locations along the waterfront. These beacons will include viewing platforms with pedestrian scaled lighting and a lit pillar to enhance their visibility across Kempenfelt Bay.



Environmental Connections

The development of naturalized greenways with paths along the many watercourses leading towards Kempenfelt Bay is proposed to improve connectivity for neighbourhoods adjacent to the waterfront.



Barrie Heritage Trail & Discover Barrie Trail

The Barrie Heritage and Discover Barrie Trails are proposed to provide a continuous interpretive trail system along Kempenfelt Bay. Eventually, the trails would connect the many waterfront destinations, from Wilkin's Beach on the South Shore to Johnson's Beach on the North Shore. The trail system will build on the existing Historic Locations Plaques, which are placed along the waterfront to commemorate cultural heritage features such as the Allandale Train Station.



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1996 Alternative



Effectiveness
Provides shelter from wave agitation, however greater wave transmission expected through floating breakwater

Size
100 slips

Environmental
Dredging results in habitat creation, suspension of fines during construction will need to be addressed, rubblemound breakwater results in HADD

Permitting Requirements
Possible issues with permitting for rubblemound breakwater and dredging, fish habitat compensation requirements

Capital Cost
\$++

Maintenance Requirements
Floating breakwater and docks require winter storage and annual maintenance, minimal annual maintenance for rubblemound breakwater

Alternative A



Effectiveness
Provides shelter from wave agitation, however greater wave transmission expected through floating breakwater

Size
164 slips
14 moorings

Permitting Requirements
Limited HADD due to shading, permitting process expected to be less onerous than for alternatives that include rubblemound structures, dredging

Capital Cost
\$

Maintenance Requirements
Floating breakwater and docks require winter storage and annual maintenance

Alternative B



Effectiveness
Provides shelter from wave agitation, however greater wave transmission expected through floating breakwater

Size
252 slips
14 moorings

Permitting Requirements
Limited HADD due to shading, permitting process expected to be less onerous than for alternatives that include rubblemound structures, dredging

Capital Cost
\$+

Maintenance Requirements
Floating breakwater and docks require winter storage and annual maintenance

Alternative C



Effectiveness
Provides shelter from wave agitation

Size
300 slips
14 moorings

Permitting Requirements
Suspension of fines during construction will need to be addressed, rubblemound breakwater results in HADD, possible issues with permitting for rubblemound breakwater, fish habitat compensation requirements

Capital Cost
\$\$\$+

Maintenance Requirements
Docks require winter storage and annual maintenance, minimal annual maintenance for rubblemound breakwater

Alternative D



Effectiveness
Provides shelter from wave agitation

Size
394 slips
14 moorings

Permitting Requirements
Dredging results in habitat creation, suspension of fines during construction will need to be addressed, rubblemound breakwater results in HADD, possible issues with permitting for rubblemound breakwater and dredging, fish habitat compensation requirements

Capital Cost
\$\$\$

Maintenance Requirements
Docks require winter storage and annual maintenance, minimal annual maintenance for rubblemound breakwater

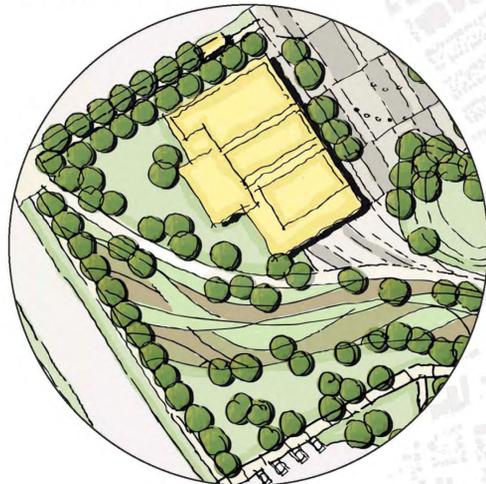
Option 2: Public Park

A passive meadow is proposed to strengthen the functional ecology of the riparian corridor. This area would provide a new opportunity for passive recreation (with a series of new walking trails) and a wildflower meadow opening up more greenspace along the Barrie Waterfront.



Option 3: Office Building

An office provides views to the Bay and Downtown Barrie. The ground floor would be potentially utilized as retail providing the opportunity for visitors and residents the opportunity to enjoy a coffee, beverage or food on the Barrie Waterfront. Parking would need to be shared on adjacent public lands.



Marina Building

The new marina building would provide a significant number of opportunities to interact with the Barrie waterfront. These opportunities include facilities for boaters, residents and visitors. Stunning views from an array of lookouts and a second storey restaurant will serve to increase tourism and the overall appeal of the City.



Waterfront Centre

A waterfront attraction could potentially frame the park, serving as a catalyst that attracts residents and tourists to the park and City. This entertainment centre could showcase aquatic ecology and promote environmental sustainability through education and exhibition. This facility would contribute to Barrie's reputation as being a great place to live, work and play.



Option 1: Public Entertainment Facility

Spirit Catcher Park is re-envisioned to contain flexible event spaces, green space and access to Kempenfelt Bay. Paving unifies the park with the proposed adjacent market place creating a large area for civic events, festivals and informal gatherings. This area sits adjacent to a new marina facility with complete with community space for events, public facilities and a restaurant. The park is bordered by a large multi-use tree-lined boardwalk. New parking facilities, a meadow garden and Kempenfelt Bay enclose the space. The Spirit Catcher sculpture has been relocated atop a gently sloped lawn berm continuing to function as a visual beacon to Barrie residents and visitors. Its alignment continues to be centred with Maple Avenue framing views for pedestrians, cyclists and motorists. The grass berms that inhabit this area provide ample spaces to observe events along the bay, or entertainment happening within the waterfront plaza and opportunities for passive recreation. Within this option, a public entertainment facility is proposed along the eastern parcel of the park, an aquarium is visualized in the rendering.

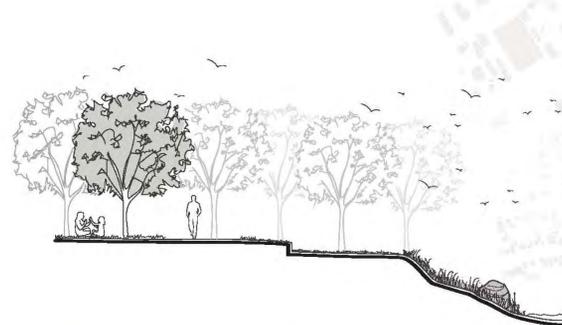
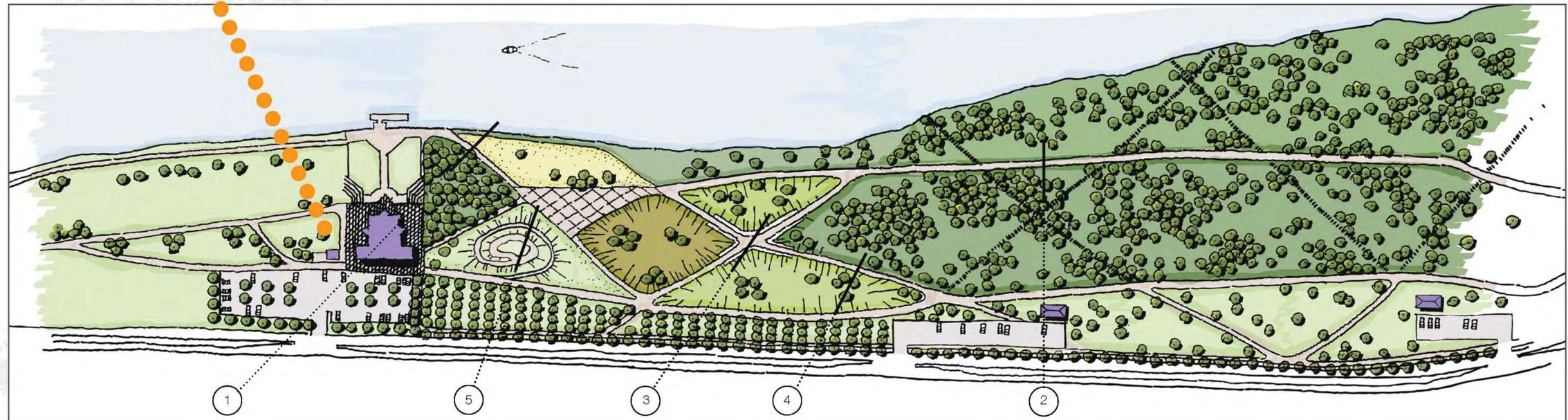
The Boathouse

The proposed Boathouse provides a world class refuge for Sea Cadets and other active water sports. This structure is intended to relieve pressure from other community facilities creating a place for these activities exclusively.

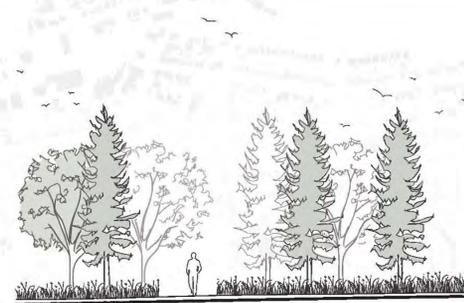


- Afghanistan War (2001)
- Kosovo War (1998)
- Gulf War (1990)
- Vietnam War (1959)
- Korean War (1950)
- World War II (1939)
- World War I (1914)
- Boer War (1880)
- War of 1812 (1812)
- French and English Colonization (1500 - 1867)
- Aboriginal Warfare (500 - 1500)

The concept for the park is to symbolically reference Canadian military heritage through creating landforms distinct to each era of overseas and national military commitment. Through the use of an intricate trail system the Park is divided a series of green spaces characteristic of certain significant military campaigns. The areas have been divided into a regenerative woodlot, a beach shoreline, trenches, a tulip meadow, memorial forest, a roundhouse plateau (providing a link to the previous structure), a ceremonial plaza, a poppy field, a wildflower meadow and a bosque. This site will contain the Trans-Canada Trail and contain a multi-use active transportation corridor.



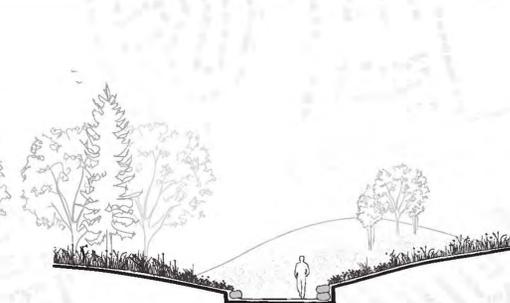
Section 1: The Shoreline



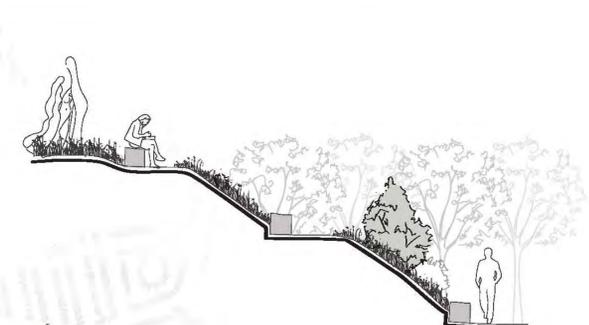
Section 2: Trans-Canada Trail



Section 3: The Trenches



Section 4: The Meadow



Section 5: The Roundhouse Plateau

7: Military Heritage Park / Sports Tourism Complex

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