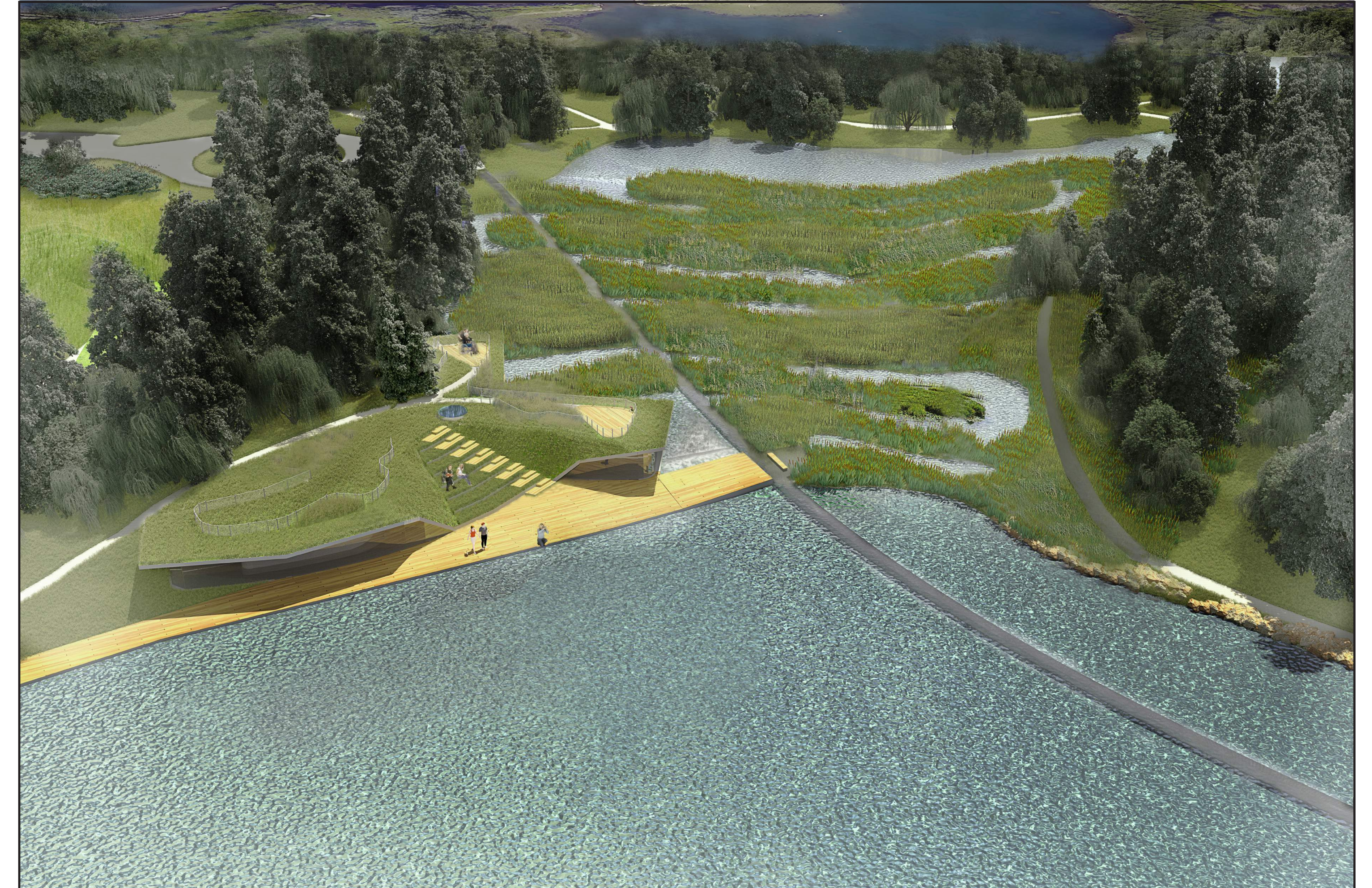


## HUMBER BAY PARK PROJECT - BUILDING CONCEPT

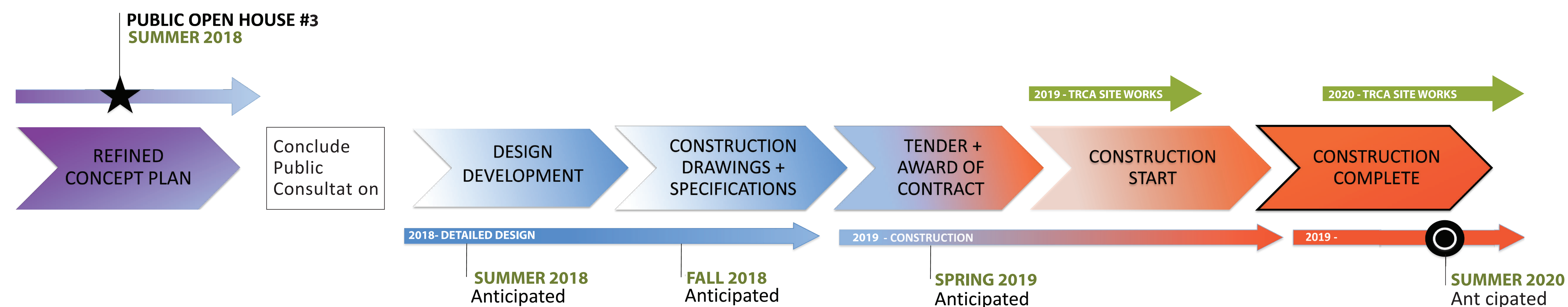


EXISTING CONDITION



PROPOSED CONDITION

### IMPLEMENTATION PROCESS AND TIMELINE:



### PROJECT CONTACT:

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Senior Project Coordinator  
Etobicoke Civic Centre

[pklambda@toronto.ca](mailto:pklambda@toronto.ca)



## HUMBER BAY PARK PROJECT - BUILDING AND SITE DESIGN DEVELOPMENT



- Fully integrated park and building concept that celebrates the specific qualities of Humber Bay Park and enhances its unique sense of place
- A unique landform building embedded into the existing topography which accommodates public use and park operations
- Small scaled building of approximately 8,000sf / 750sm interior space that includes:
  - o Lobby
  - o Reception
  - o Washrooms
  - o 2x Multi-purpose room
  - o Office area
  - o Mechanical / electrical room
  - o Parks Operations
  - o Operations Yard (exterior space)
- Employ a wide range of sustainability measures that are planned to include:
  - o Extensive and biodiverse green roofs
  - o Bird-friendly design measures for glass and lighting controls
  - o On-site renewable energy using geothermal heating and cooling
  - o Water efficiency measures for washrooms
  - o High performance building envelope construction to enhance energy efficiency
  - o Enhanced landscaping to promote public access, habitat opportunities and habitat resiliency
- Improve pond hydrology and plantings to support a wider ecosystem and habitat opportunities
- Improve public access and viewing opportunities of pond wetland environment



## HUMBER BAY PARK PROJECT - BUILDING AND SITE DESIGN DEVELOPMENT



INTERIOR VIEW OF MULTIPURPOSE ROOM



TOP DECK VIEW LOOKING AT THE CREEK



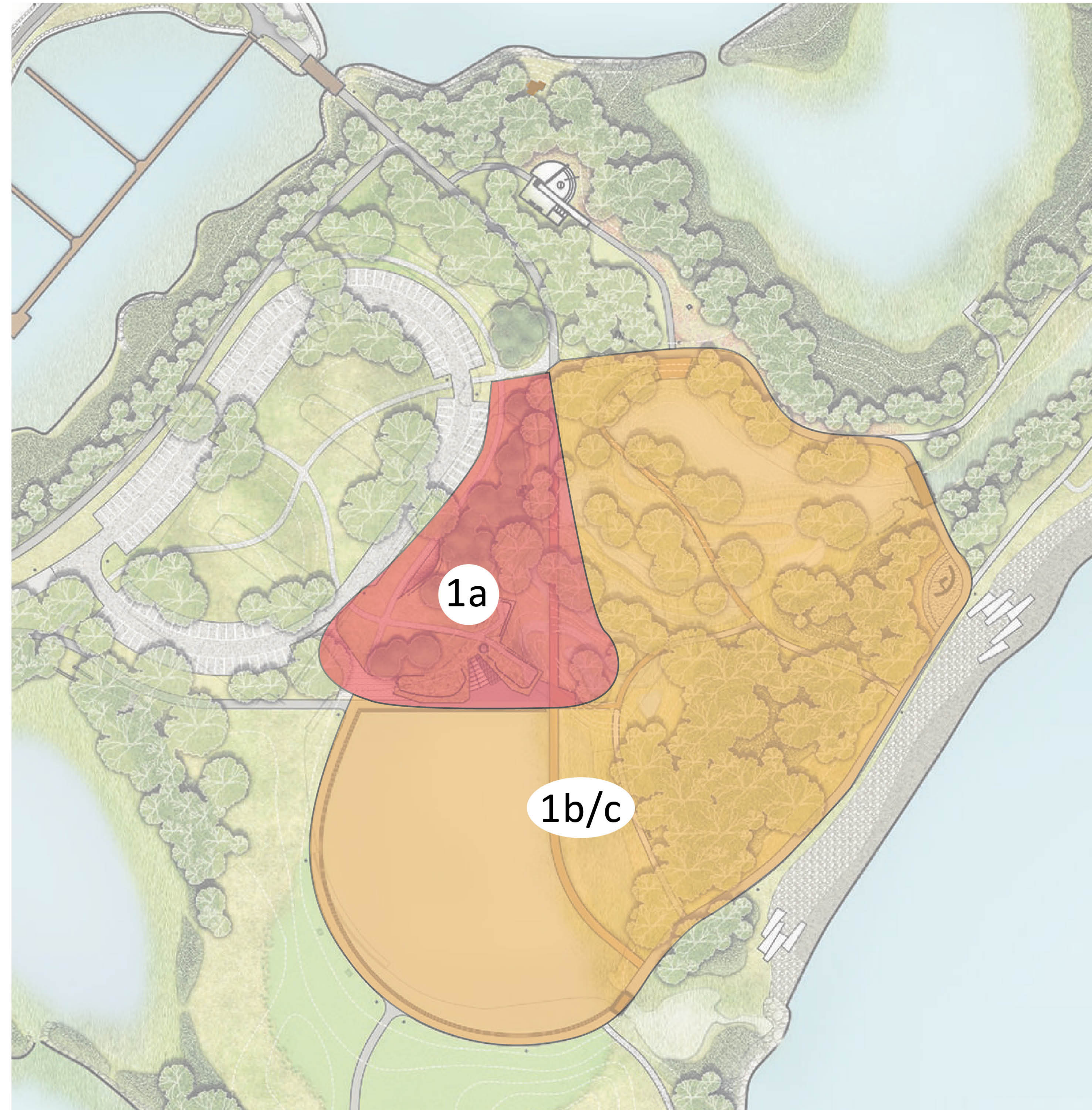
DECK VIEW OF THE ACTIVE POND EDGE



SERVICE BUILDING VIEW FROM THE EXISTING PARKING LOT



## HUMBER BAY PARK PROJECT - BUILDING AND SITE DESIGN DEVELOPMENT



PHASE 1: INTEGRATED BUILDING AND PONDS

### PHASING PRINCIPLES:

- sequence: Phase 1a - complete most complex / invasive work first (i.e. building and site servicing infrastructure)  
Phase 1b - demolition, ponds basin modifications, bridges, pumps upgrade / replacement, boardwalks and walkways  
Phase 1c - planting and habitat renewal
- maximize public access / minimize public disruption
- manage habitat impacts
- effective integration of works: pond basin, boardwalk, bridge structures, pathway interface, etc.

### MEANS OF DELIVERY:

- Parks, Forestry, & Recreation (PFR) and Toronto Regional Conservation Authority (TRCA) partnership opportunity
- PFR will manage an integrated and compact building project that creates edge conditions that can be abutted by landscape works undertaken by TRCA;
- TRCA will utilize several means of work delivery process, including their own forces, to offer economies in process and reduce capital costs;
- Partnership will leverage combined expertise;
- Partnership will require coordination and integration of work delivery process

### BUDGET BREAKDOWN:

Capital costs are determined according to evaluation of quantities associated with the Architectural and Master Plan works identified in Phase 1. They include some regulatory requirements, professional Services costs, contingencies, overheads, and applicable taxes. It is expected that the cost of the landscape works can be reduced by PFR working in partnership with TRCA, utilizing their alternate delivery methods and possible integration with other programs, towards beneficial economies of scale.

- Phase 1a: BUILDING & ASSOCIATED SITEWORKS:** *Estimated cost \$7 million*
- Main building (facing recreation pond)
  - Operations facility (facing parking and future pollinator meadow)
  - Berm restoration and related landscape works
  - Demolition and disposal
  - Site servicing and improvements
  - Entry and access
  - Protective measures

- Phase 1b/c: PONDS REHABILITATION AND NATURALIZATION:** *Estimated cost \$4.5 million*
- Pond basin reconstruction
  - Grading and planting
  - Habitat restoration and enhancement planting
  - Protective measures
  - Weirs, water flow control outlets
  - Bridges
  - Boardwalks and walkways

- PUMPS:** *Estimated cost \$1 million*
- Inlet improvements
  - Pumping equipment upgrade
  - Watermains
  - Chamber

### NEXT STEPS (REFER TO BOARD 5 FOR TIMELINE):

- Proceed with the architectural project with existing \$7.0 million budget, detailed design and tender documentation in 2018, tender, award, and start of construction in 2019, and 2019 - 2020 construction;
- Finalize agreement with TRCA towards their undertaking of the major landscape works, utilizing their mandate and expertise for landscape, habitat, conservation and ecologically sensitive implementation, and determine a coordinated rollout of combined works;
- Request funding through the capital process for the major landscape works that are integrated with the site design for the building, towards a phased coordinated multi-year rollout;
- Continue to work with TRCA to determine an integrated and logical phasing plan that minimizes impact on enjoyment of the park while construction is underway.

### THANK YOU:

THANK YOU FOR YOUR INTEREST AND INPUT, AND ESPECIALLY TO EVERYONE WHO GAVE TIME AND ENERGY TO THIS PUBLIC CONSULTATION PROCESS.