



NEW BRIGHTON PARK SALT MARSH

PREFERRED CONCEPT

April 18, 2016



Recommendations



- A. THAT the Vancouver Park Board approve the concept plan for the creation of an intertidal salt marsh, including related park improvements in New Brighton Park, developed in partnership with Vancouver Fraser Port Authority, as described in this report; and

- B. THAT a Project Agreement be finalized to the satisfaction of the General Manager of the Vancouver Park Board and the Director of Legal Services, and be executed prior to the start of construction of the proposed park improvements.

Presentation Outline

1

- Project Background and Context

2

- Design Process and Preliminary Design

3

- Public Engagement

4

- First Nations consultation

5

- Budget, schedule, and next steps

Project Context



First Narrows

Inner Harbour

New Brighton Park

Second Narrows



New Brighton Park 1961

Salt Marsh
Project Area



New Brighton Park – Key Features



Swimming



Shoreline Access



Dog Use



Playground & Fields



2011 Hastings Park / PNE Master Plan



5. New Brighton Park Salt Marsh

4. Creekway Park (completed 2013)

3. Hastings Creek Corridor (by 2020?)

2. Sanctuary Pond (completed 1999)

1. Separated Catchment (ongoing)

Ownership and Jurisdiction



1-01-01419



Partnership with Vancouver Fraser Port Authority



- This project is a partnership between the Park Board and the Vancouver Fraser Port Authority.
- If approved to proceed, the port authority's Habitat Enhancement Program will lead the procurement and construction management process with input, oversight, and some funding from the Park Board.
- Habitat created as part of this project may be used by the port authority to offset unavoidable effects of potential future development that cannot otherwise be mitigated. Fisheries and Oceans Canada will review the project and, if accepted, it will be included under the terms of the Working Agreement with the port authority.
- The port authority has undertaken the majority of assessment and design components, and has committed to funding and managing the construction process (budget overview later in presentation).

Site Assessment and Design Process



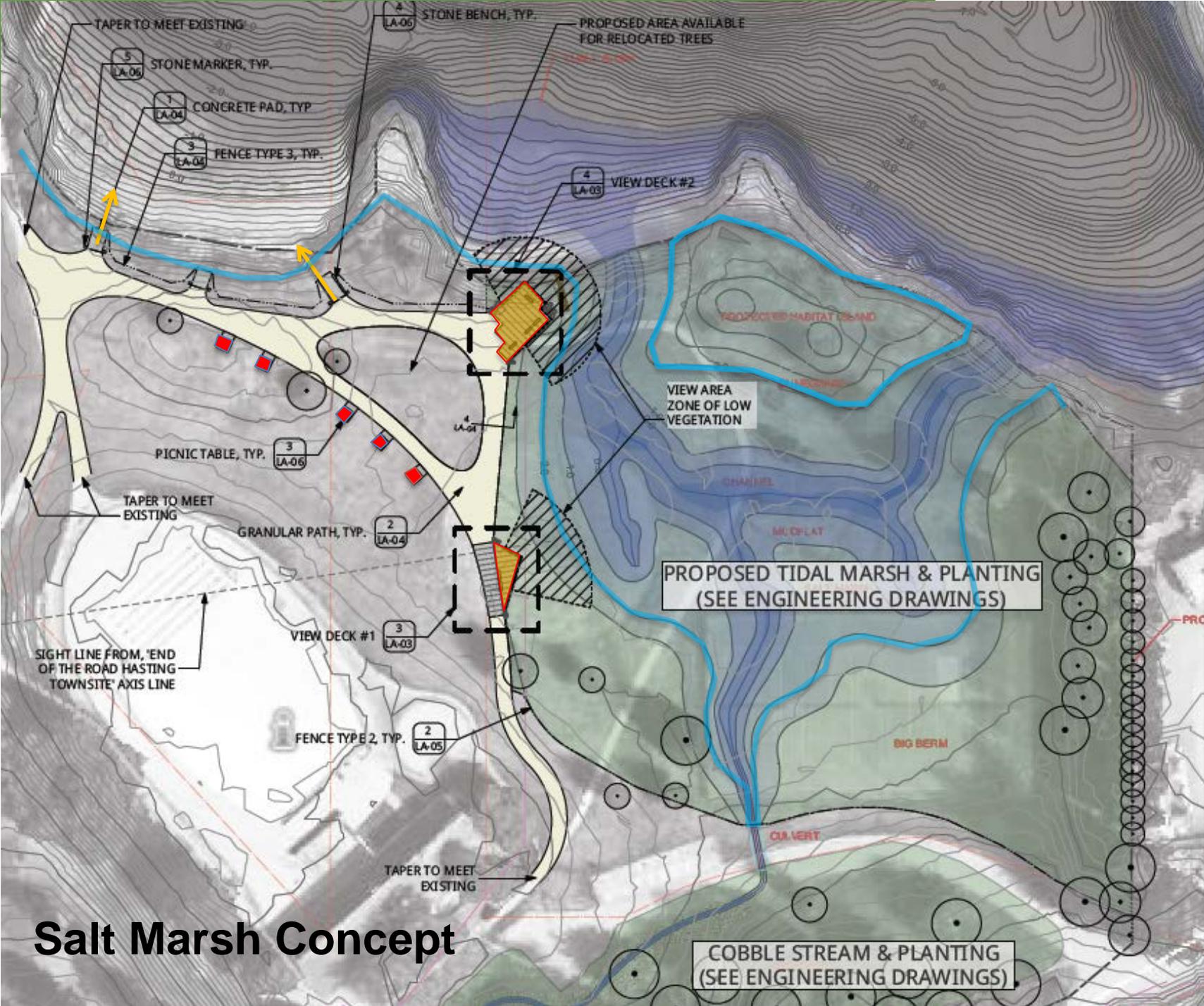
- Environmental assessment, topographic survey, archaeology, and soil and groundwater testing (contaminants) by port authority consultants.
- Development of design options by design team (coastal engineers, landscape architects, and biologists) with input from Park Board staff and Stakeholder Advisory Group.
- Public engagement and First Nations engagement (more later in presentation).
- Preliminary discussions with port authority and COV Law about a Project Agreement to guide the project's implementation (lease arrangement).

Concept Plan



Appendix A New Brighton Park Salt Marsh - Concept Plan

April 2016



Salt Marsh Concept

COBBLE STREAM & PLANTING
(SEE ENGINEERING DRAWINGS)

EXISTING FENCE

PROPOSED FILL LOCATION
3.0m SETBACK FROM FENCE
5.0m TREE PROTECTION ZONE
MAX 2.5H:1V

EX. TREES TO REMAIN

OFF LEASH DOG AREA - LAWN

OFF LEASH DOG AMENITY

1
LA-03

5
LA-05

DOUBLE GATE, TYP.

FENCE TYPE 1, TYP.

1
LA-05

GRANULAR PATH, TYP.

2
LA-04

DOUBLE GATE, TYP.

5
LA-05

OFF LEASH DOG AREA - BEACH

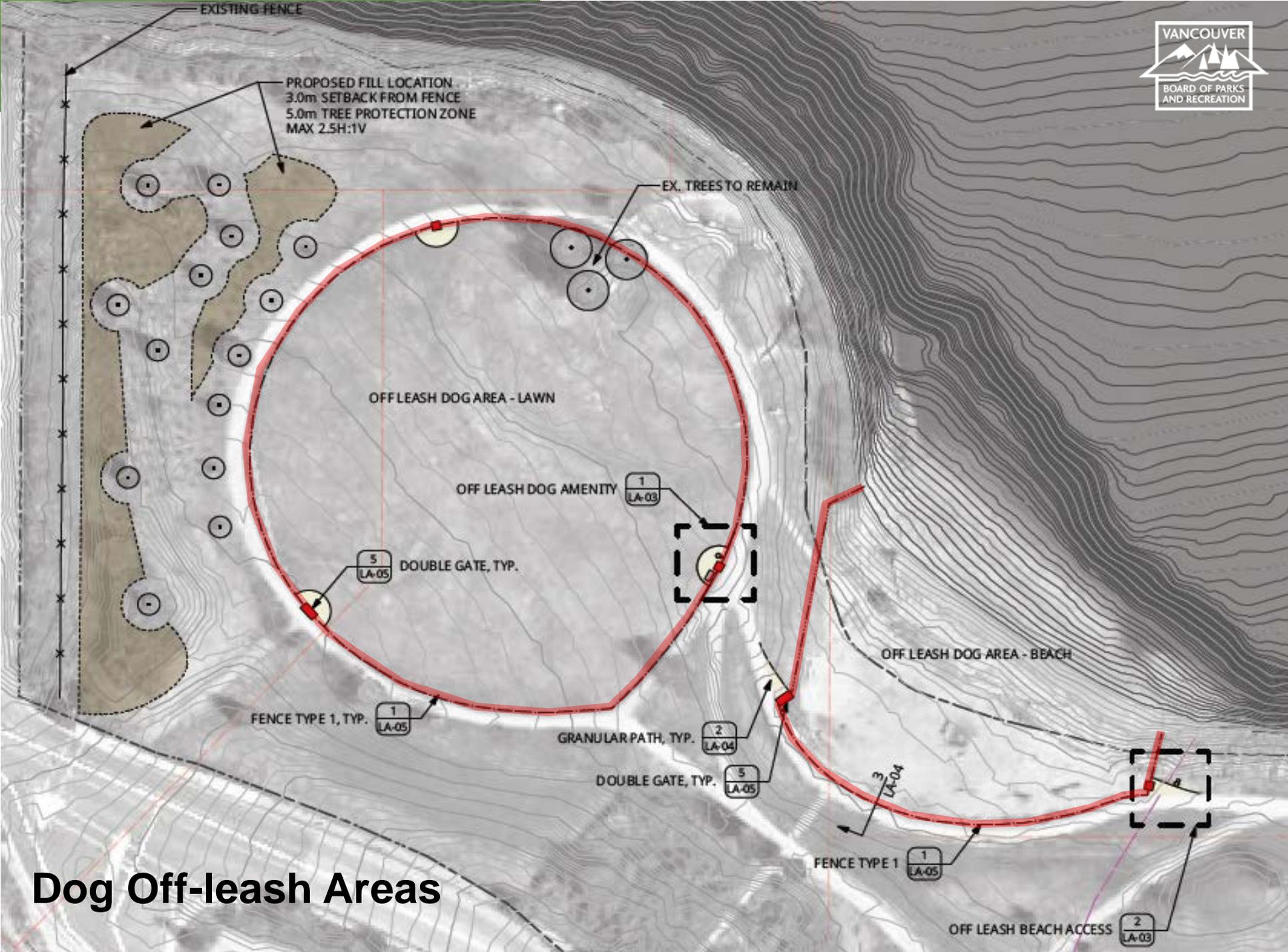
FENCE TYPE 1

1
LA-05

OFF LEASH BEACH ACCESS

2
LA-03

Dog Off-leash Areas



- Stakeholder Advisory Group (11 members; 3 meetings)
- Approximately 750 interactions during three public engagement periods (Aug 26-Sept 9, 2015 / Nov 2-16, 2015 / Feb 1-15, 2016)
- Engagement included:
 - open houses, face-to-face park visits, community mail-outs, discussion papers, web information, on-site signs, web surveys, emails, social media, as well as consultation summary and input consideration reports
- There has been strong support for salt marsh project by community members, park users, and stewardship groups

- Engagement of Musqueam First Nation, Squamish Nation, and Tsleil-Waututh Nation is ongoing and has been led by the port authority with assistance from Park Board staff.
- Based on input from the three Nations, a First Nations Technical Committee was struck for the purposes of consulting on design and other aspects of the proposed project.
- Consultation activities also include meeting with the individual Nations.
- Park Board has committed to approximately \$200,000 in funding for First Nations cultural interpretation for the New Brighton Park project; discussions are ongoing about specific components.

- Currently developing an agreement between the Vancouver Park Board/City of Vancouver and Vancouver Fraser Port Authority to define:
 - Undertaking the project within the terms of the existing VFPA – COV lease.
 - Financial contributions and payment schedule.
 - License to undertake work outside of VFPA leased area (city-owned lands).
 - Maintenance and operations responsibilities.
- Project Agreement will be finalized to the satisfaction of the Park Board General Manager and the City of Vancouver Director of Legal Services be executed prior to the start of construction.

- Total budget approximately \$3.2 million.
- Project management, assessment, design, and permitting costs are approximately \$900,000.
- Construction costs for the project are currently estimated at approximately \$2.2 million.
- Under a Project Agreement, the port authority will fund the majority of construction and delivery costs for the project.
- The Park Board has committed \$400,000 to cover a portion of park feature costs and for First Nations cultural/interpretive components.

- Detailed design development: April to June 2016
- Detailed design public consultation: May 2 to 27, 2016
- Tendering and pre-construction: July to August 2016
- Start of construction: September 2016
- Main construction: September to December 2016
- Planting and landscaping: March to April 2017
- Project completion: May 2017

Acknowledgements



- **Vancouver Fraser Port Authority** (Charlotte Olson, Gord Ruffo, Carolyn Parenteau, Jemma Scoble)
- **Stakeholder Advisory Committee members**
- **Consultants** (Moffatt & Nichol, Connect Landscape Architecture, G.L. Williams and Associates, Hemmera, Kirk & Co.)

Stakeholder Advisory Committee meeting



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