

WATERFRONTToronto

Board of Directors Meeting

Agenda and Meeting Book

WEDNESDAY, MAY 27, 2020 FROM 1:30PM TO 4:30PM

MICROSOFT TEAMS MEETING



WATERFRONToronto

Meeting Book - Board of Directors Meeting

Agenda - May 27, 2020 Board of Directors Meeting

1:30 p.m.	1. Motion to Approve Meeting Agenda	Approval	S. Diamond
1:35 p.m.	2. Declaration of Conflicts of Interest	Declaration	All
1:40 p.m.	3. Consent Agenda		
	a) Draft - Minutes of Open Session of the March 26, 2020 Board Meeting - Page 4	Approval	All
	b) Draft - Minutes of Open Session of the May 8, 2020 Board Meeting - Page 8	Approval	All
1:45 p.m.	4. Reflecting on Toronto's Waterfront	Information	C. Glaisek & R. Tasaka
	a) The Toronto waterfront -2001 to Date		
	b) Top Ten Waterfront Cities Research		
	Coversheet - Page 10		
	Presentation - Page 11		
3:30 p.m.	5. Port Lands Planning Framework and Villiers Island Precinct Plan	Information	J. Kilbourn & C. Glaisek
	Coversheet - Page 186		
	Port Lands Planning Framework - Page 187		
	Villiers Island Precinct Plan - Page 200		
4:15 p.m.	6. Motion to go into Closed Session	Approval	All
	Closed Session Agenda		
	The Board will discuss items 7(a) and (b) being, consideration of the draft Minutes of the Closed Session March 26, 2020 and May 8, 2020 Board meetings respectively, in a Closed Session as permitted by By-Law No.2 of the Corporation. The exception relied for the discussion of items 7(a) and (b) in Closed Session are provided in the minutes of the Open Session of the March 26, 2020 and May 8, 2020 Meetings contained in items 3(a) and (b) of this agenda. The Board will continue in Open Session at the end of the Closed Session to discuss and vote on any resolutions pertaining to the Closed Session.		
4:20 p.m.	8. Motion to go into Open Session	Approval	All
	Public Session Agenda		
4:25 p.m.	9. Resolution(s) Arising from the Closed Session	Approval	All
	Draft Resolution Arising from the Closed Session - Page 214		
4:30 p.m.	10. Motion to Terminate the Meeting	Approval	All

**MINUTES of the Open Session Meeting of the Board of Directors of the
Toronto Waterfront Revitalization Corporation
Via Microsoft Teams Teleconference
Thursday, March 26, 2020 at 8:30 a.m. local time.**

PRESENT: Steve Diamond (Chair)
Mazyar Mortazavi
Jeanhy Shim
Andrew MacLeod
Kevin Sullivan
Patrick Sheils
Wende Cartwright
Jack Winberg
Michael Galego
Christopher Voutsinas

REGRETS: Sevaun Palvetzian
Councillor Joe Cressy

IN ATTENDANCE WATERFRONT TORONTO

George Zegarac (Chief Executive Officer)
David Kusturin (Chief Project Officer)
Lisa Taylor (Chief Financial Officer)
Chris Glaisek (Chief Planning and Design Officer)
Meg Davis (Chief Development Officer)
Julius Gombos (Senior Vice President, Project Delivery)
Leslie Gash (Senior Vice President, Development)
Cameron MacKay (Vice President Communications and Engagement)
Kristina Verner (VP Innovation, Sustainability and Prosperity)
Kathleen Niccols (Senior Vice President, Corporate Strategy)
Emil Zelic (Executive Director, Program Management)
Catherine Murray (Senior Legal Counsel)
Ian Ness (Acting General Counsel)
Ed Chalupka (Director, Government Relations)
Mira Shenker (Senior Manager, Communications & Public Engagement)
Aina Adeleye (Board Administrator and Legal Assistant)

Also in attendance for part or all of the meeting were:

- Jayne Naiman, Project Manager, Waterfront Secretariat, City of Toronto.
- Cam Whitehead, Manager, Breanne Bateman, Policy Advisor, William Sutter and James Andre, Senior Policy Advisors, Agency Oversight Unit, Infrastructure Policy Division Ministry of Infrastructure at Ontario Ministry of Infrastructure.
- David Stonehouse, Director, Waterfront Secretariat, Infrastructure & Development Services, City of Toronto
- Adam Redish, Assistant Deputy Minister and Wendy Ren, Director, Policy and Planning, Ontario Ministry of Infrastructure

- Glenn Campbell, Assistant Deputy Minister, Nancy Faraday-Smith, Acting Director, Shawn Tippins, Senior Analyst, and Kira Heymans, Analyst, from Investment, Partnership and Innovation Branch of Infrastructure Canada.
- Abraham Costin, Legal Counsel, McCarthy Tetreault.

The Chair, Stephen Diamond, appointed Ian Ness to act as secretary of the meeting.

With notice of the meeting having been sent to all Directors in accordance with the Corporation's By-laws and a quorum of Directors being present, the Chair called the meeting to order at 8:40 a.m. and declared that the meeting was duly constituted for the transaction of business.

1. Motion to Approve Agenda

ON MOTION duly made by Jeanhy Shim, seconded by Jack Winberg and carried, it was **RESOLVED** that the Agenda for the March 26, 2020 meeting be approved, as presented.

2. Declaration of Conflicts of Interest

There were no conflicts of interest declared.

3. Chair's Remarks

Stephen Diamond welcomed and thanked everyone for joining the meeting remotely. Mr. Diamond explained that, since the Board meeting could no longer be held physically because of precautions recommended by public health officials due to the COVID 19 Pandemic, the day's meeting would be recorded and made available to the public afterwards.

4. Consent Agenda

ON MOTION duly made by Christopher Voutsinas, seconded by Jack Winberg and carried, it was **RESOLVED** that the Minutes of the January 23, 2020 meeting of the Board of Directors be approved as presented.

The CEO Report, Finance Audit and Risk Management (FARM) Committee Chair's Open Session Report and Investment, Real Estate and Quayside (IREQ) Committee Chair's Open Session Report were received and taken as read for information.

5. Capital Approval (Lake Shore Bridge Alternative Case Phase 1 Pre-Construction Works)

David Kusturin provided a presentation, for capital approval on the Lake Shore Bridge Alternative Case Phase 1 Pre- Construction Works (the "Project") and responded to questions from members of the Board regarding details of the Project.

ON MOTION duly made by Jack Winberg, seconded by Christopher Voutsinas, and

carried, be it **RESOLVED** that the Board of Directors approves:

- a) the Capital expenditure of \$16M to complete the Lake Shore Bridge Alternative Case Phase 1 – Pre-Construction Works (the “Project”), subject to execution of a funding agreement with the City of Toronto; and
- b) the Project being added to a Corporation’s Rolling Five-Year Strategic Plan (2020/21 – 2024/25).

Mr. Kusturin also provided a status update and responded to questions regarding the progress of the Port Lands Flood Protection project amidst the COVID 19 pandemic.

6. Motion to go into Closed Session

In accordance with By-Law No. 2 of the Corporation and **ON MOTION** made by Christopher Voutsinas, seconded by Jeanhy Shim and carried, the Board **RESOLVED** to go into Closed Session to discuss items 7 (a) & (b), 8 and 9. The exception to the Open Meeting Law relied on for the discussion of item 7(a) in Closed Session is provided in the minutes of the open session of the January 23, 2020 meeting of the Board of Directors contained in item 4 (a) of the day’s agenda, for item 7 (b) are Section 6.1.1(j) and Section 6.1.1(l), for item 8 is Section 6.1.1(l) and for item 9 is Section 6.1.1(b).

7. Consent Agenda

- a) **Draft Minutes of the Closed Session January 23, 2020 Meeting**
- b) **FARM Committee Chair's Closed Session Report**

8. Investment, Real Estate and Quayside Committee Chair’s Report

9. Board Closed Session Discussion

10. Motion to go into Open Session

ON MOTION made by Mazyar Mortazavi, seconded by Jack Winberg and carried, the Board **RESOLVED** to go into Open Session.

11. Resolutions Arising from the Closed Session

- A. **ON MOTION** duly made by Patrick Sheils, seconded by Jack Winberg and carried, it was **RESOLVED** that the Minutes of the Closed Session of the Board of Directors meetings held on January 23, 2020 be approved, as tabled.
- B. **ON MOTION** duly made by Kevin Sullivan and seconded by Jack Winberg and unanimously carried, it was **RESOLVED** that the Board of Directors (“Board”):
 - authorizes the entering into an agreement to amend the Plan Development Agreement (“PDA”) dated July 31, 2018, as amended July 31, 2019 and

January 31, 2020 between the Corporation and Sidewalk Labs (the “Amending Agreement”), to extend the deadline for approval of the MIDP from May 20, 2020 to June 25, 2020, in the form presented to the meeting,

- authorizes the Chief Executive Officer, George Zegarac, and the Chair of the Board, Stephen Diamond, together to execute the Amending Agreement on behalf of the Corporation, substantially in the form agreed by the Board, with such changes thereto as in their discretion may approve.

12. Chair’s Closing Remarks

The Chair thanked everyone for attending the meeting.

13. Termination of the Meeting

There being no further business, **ON MOTION** made by Andrew MacLeod and seconded by Jack Winberg and carried, it was **RESOLVED** that the meeting be terminated at 10:26 a.m. local time.

Board Chair

Secretary

**MINUTES of the Open Session Meeting of the Board of Directors of the
Toronto Waterfront Revitalization Corporation
Via Microsoft Teams Teleconference
Friday, May 8, 2020 at 4:00 p.m. local time.**

PRESENT: Steve Diamond (Chair)
Mazyar Mortazavi
Jeanhy Shim
Andrew MacLeod
Kevin Sullivan
Patrick Sheils
Wende Cartwright
Jack Winberg
Michael Galego
Christopher Voutsinas
Councillor Joe Cressy

REGRETS: Sevaun Palvetzian

IN ATTENDANCE WATERFRONT TORONTO

George Zegarac (Chief Executive Officer)
Meg Davis (Chief Development Officer)
Cameron MacKay (Vice President Communications and Engagement)
Ian Ness (Acting General Counsel)
Aina Adeleye (Board Administrator and Legal Assistant)

Also in attendance for all of the meeting was Abraham Costin, Legal Counsel, McCarthy Tetreault.

The Chair, Stephen Diamond, appointed Ian Ness to act as secretary of the meeting.

With notice of the meeting having been waived by all Directors in accordance with the Corporation's By-laws and a quorum of Directors being present, the Chair called the meeting to order at 4:04 p.m. and declared that the meeting was duly constituted for the transaction of business.

The Chair thanked the Board members for attending the meeting within such short notice. The Chair noted that, due to precautions recommended by public health officials not to hold physical meetings as a result of the COVID 19 Pandemic, the day's meeting would be recorded and made available to the public afterwards.

1. Motion to Approve Agenda

ON MOTION duly made by Jack Winberg, seconded by Patrick Sheils and carried, it was **RESOLVED** that the Agenda for the May 8, 2020 meeting be approved, as presented.

2. Declaration of Conflicts of Interest

There were no conflicts of interest declared.

3. Motion to go into Closed Session

In accordance with By-Law No. 2 of the Corporation and **ON MOTION** made by Jack Winberg, seconded by Patrick Sheils and carried, the Board **RESOLVED** to go into Closed Session to discuss item 4. The exception to the Open Meeting Law relied on for the discussion of item 4 in Closed Session is 6.1.1(l) of By-Law No. 2 of the Corporation.

4. Update on Quayside Matters

5. Motion to go into Open Session

ON MOTION made by Jack Winberg, seconded by Patrick Sheils and carried, the Board **RESOLVED** to go into Open Session.

6. Resolutions Arising from the Closed Session

There were no resolutions arising from the Closed Session discussion.

7. Termination of the Meeting

There being no further business, **ON MOTION** made by Jack Winberg, seconded by Patrick Sheils and carried, it was **RESOLVED** that the meeting be terminated at 5:05 p.m. local time.

Chair

Secretary

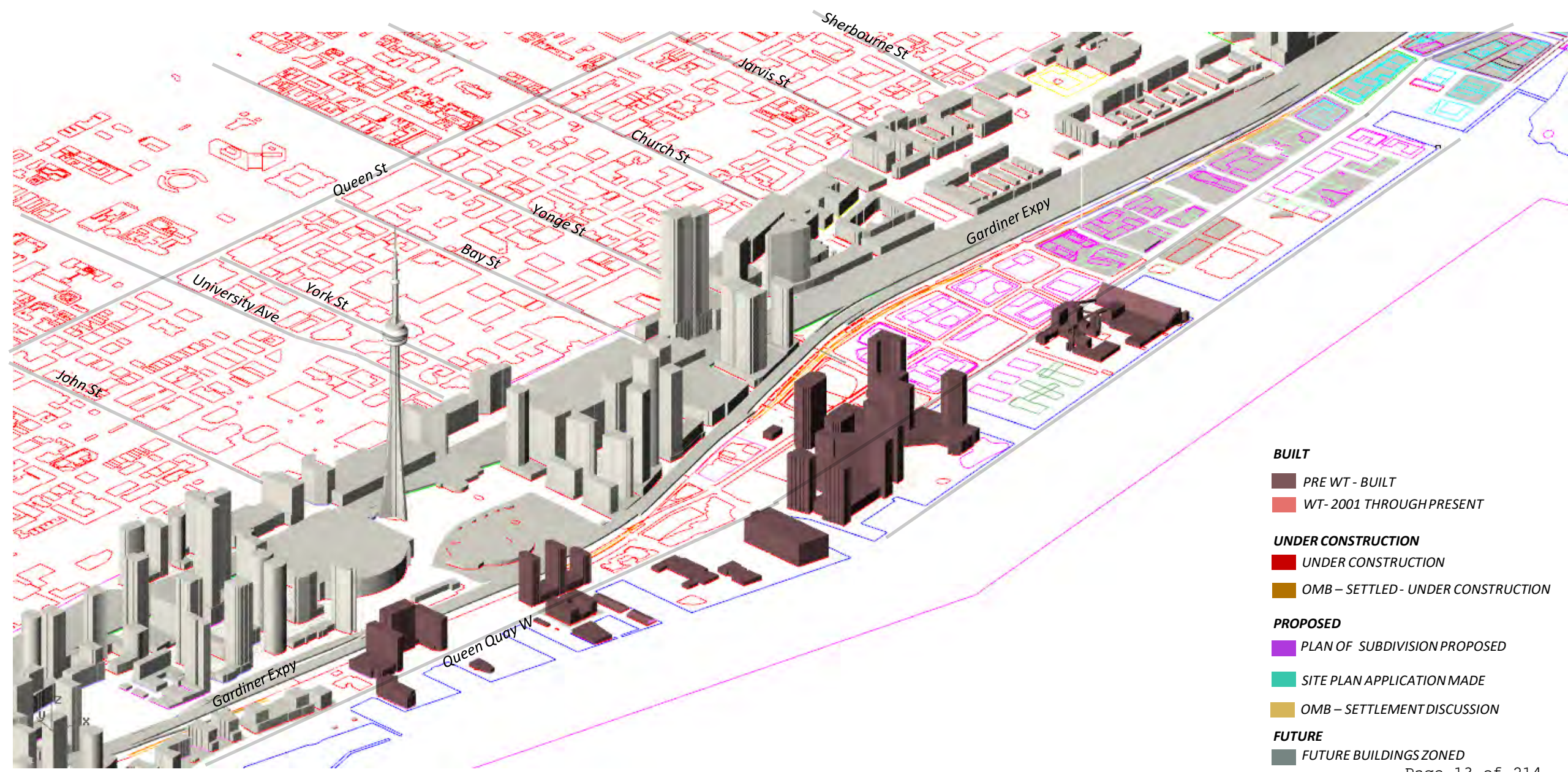
<p>Purpose</p>	<p>For information</p>
<p>Areas of note/ Key issues</p>	<p>Reflecting on Toronto’s Waterfront includes two presentations:</p> <p>a) Toronto Waterfront - 2001 to Date</p> <ul style="list-style-type: none"> • the evolution of Toronto’s waterfront including sites under construction, current applications and zoned sites • parks • economic impact • planned waterfront transit <p>b) Top Ten Big City Waterfronts</p> <ul style="list-style-type: none"> • Lists of Top Urban Waterfronts • Defining attributes and comparison with Toronto • Precedent images of attributes including iconic buildings, bridge crossings, waterfront promenades and arts festivals
<p>Next Steps</p>	<p>Management will move forward on the waterfront research project, including:</p> <ul style="list-style-type: none"> • Continuing the research work over the next 6-8 weeks • Present at Board retreat in fall • Use the results to inform our long-range thinking on the implementation of each of the precincts

Reflecting on Toronto's Waterfront

Board Meeting *May 2020*

Evolution of Toronto's Waterfront

WATERFRONT IN 2000 – PRE WT



- BUILT**
 - PRE WT - BUILT
 - WT- 2001 THROUGH PRESENT
- UNDER CONSTRUCTION**
 - UNDER CONSTRUCTION
 - OMB – SETTLED - UNDER CONSTRUCTION
- PROPOSED**
 - PLAN OF SUBDIVISION PROPOSED
 - SITE PLAN APPLICATION MADE
 - OMB – SETTLEMENT DISCUSSION
- FUTURE**
 - FUTURE BUILDINGS ZONED

2001 THROUGH PRESENT



- BUILT**
 - PRE WT - BUILT
 - WT- 2001 THROUGH PRESENT
- UNDER CONSTRUCTION**
 - UNDER CONSTRUCTION
 - OMB – SETTLED - UNDER CONSTRUCTION
- PROPOSED**
 - PLAN OF SUBDIVISION PROPOSED
 - SITE PLAN APPLICATION MADE
 - OMB – SETTLEMENT DISCUSSION
- FUTURE**
 - FUTURE BUILDINGS ZONED

UNDER CONSTRUCTION



- BUILT**
- PRE WT - BUILT
- WT- 2001 THROUGH PRESENT
- UNDER CONSTRUCTION**
- UNDER CONSTRUCTION
- OMB – SETTLED - UNDER CONSTRUCTION
- PROPOSED**
- PLAN OF SUBDIVISION PROPOSED
- SITE PLAN APPLICATION MADE
- OMB – SETTLEMENT DISCUSSION
- FUTURE**
- FUTURE BUILDINGS ZONED

CURRENT DEVELOPMENT APPLICATIONS



- BUILT**
- PRE WT - BUILT
- WT- 2001 THROUGH PRESENT
- UNDER CONSTRUCTION**
- UNDER CONSTRUCTION
- OMB – SETTLED - UNDER CONSTRUCTION
- PROPOSED**
- PLAN OF SUBDIVISION PROPOSED
- SITE PLAN APPLICATION MADE
- OMB – SETTLEMENT DISCUSSION
- FUTURE**
- FUTURE BUILDINGS ZONED

FUTURE BUILDINGS ZONED

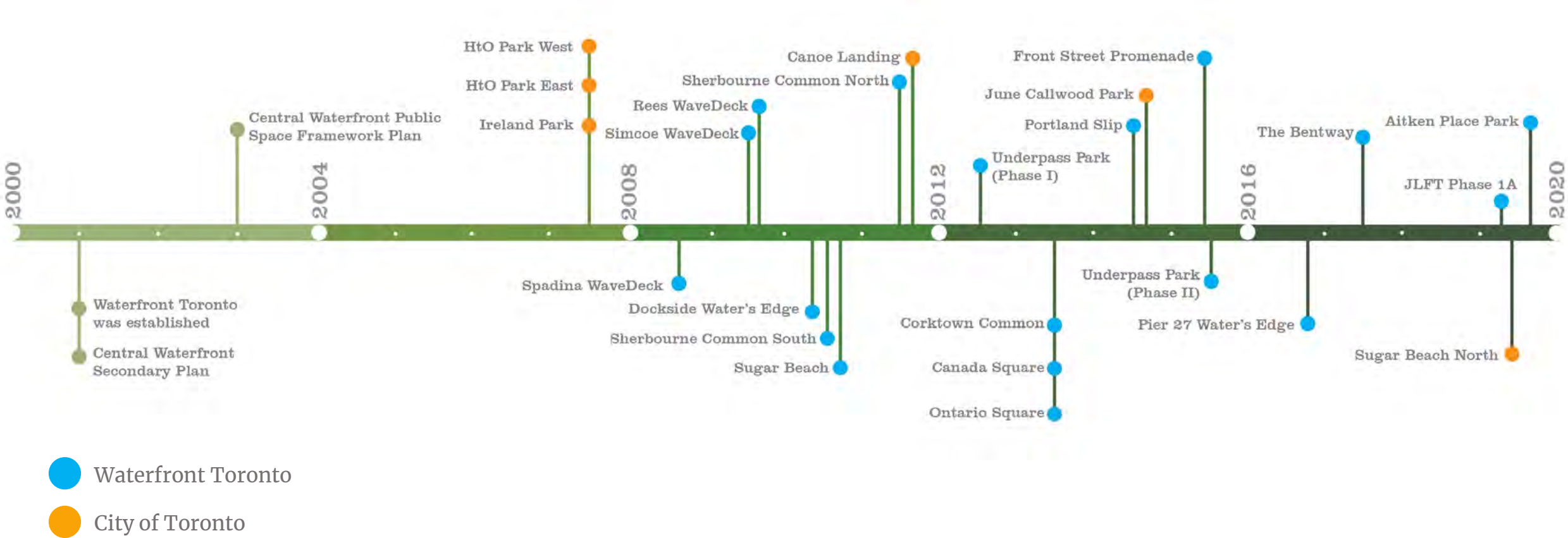


- BUILT**
 - PRE WT - BUILT
 - WT- 2001 THROUGH PRESENT
- UNDER CONSTRUCTION**
 - UNDER CONSTRUCTION
 - OMB – SETTLED - UNDER CONSTRUCTION
- PROPOSED**
 - PLAN OF SUBDIVISION PROPOSED
 - SITE PLAN APPLICATION MADE
 - OMB – SETTLEMENT DISCUSSION
- FUTURE**
 - FUTURE BUILDINGS ZONED

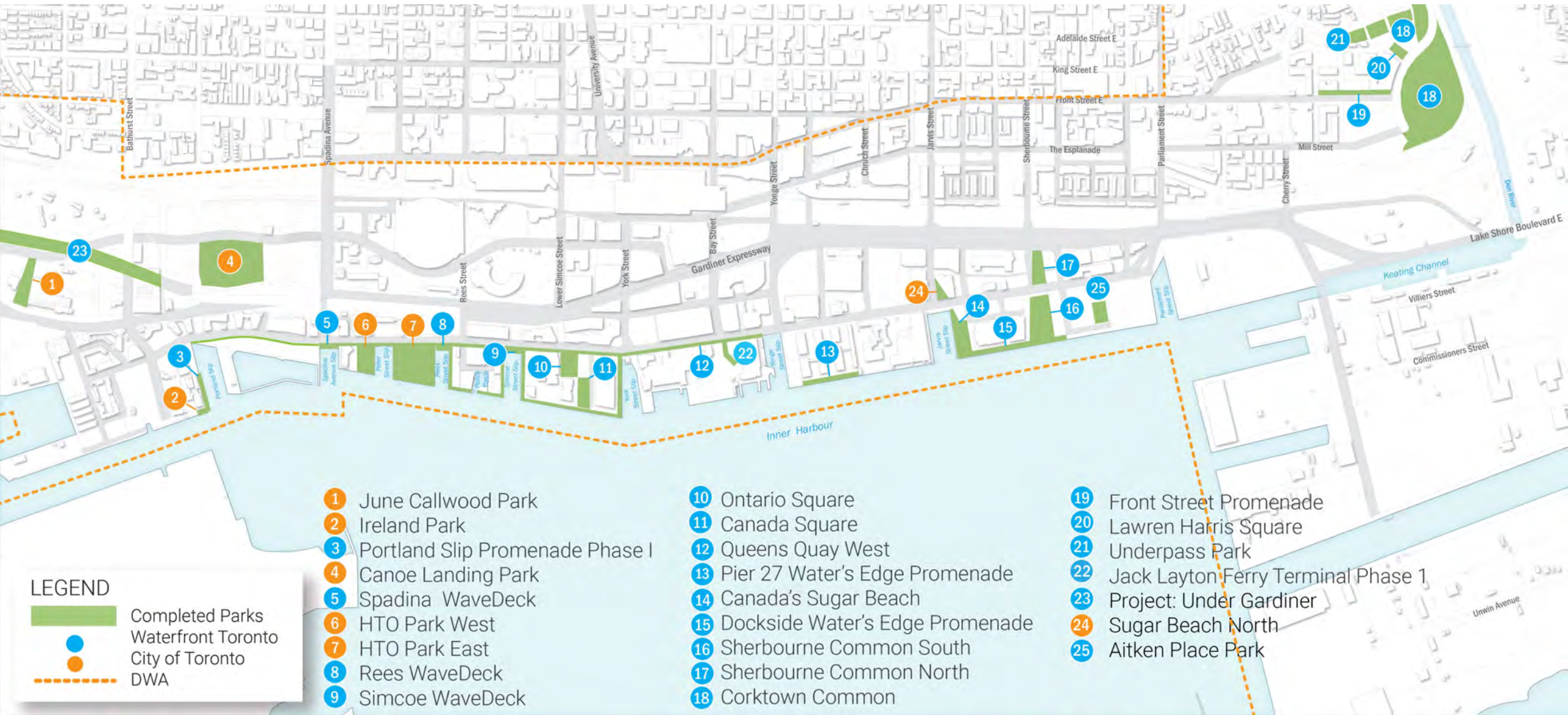
Completed Waterfront Parks – 2001

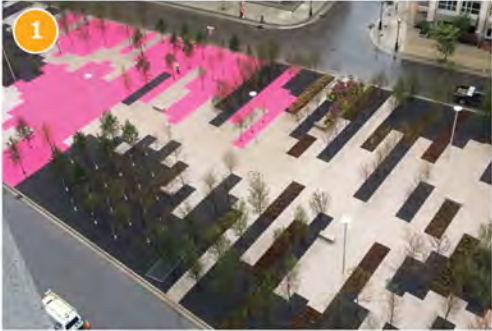


Completed Waterfront Parks (2001 - 2020)



Completed Waterfront Parks (2001 - 2020)





1
June Callwood Park
 Size: 0.4 hectares (0.1 acres)
 Budget: \$3.25 million (including donations)
 Design Oversight: City of Toronto
 Landowner: City of Toronto
 Approvals Process: Parks Department Approval
 Funding Sources: DCs and Parkland Dedication
 Construction Oversight: City of Toronto
 O&M Lead: City of Toronto
 Date of Completion: October 2014



3
Portland Slip Promenade Phase I
 Size: 0.12 hectares (0.29 acres)
 Budget: \$2.5 million
 Design Oversight: Waterfront Toronto
 Landowner: City of Toronto
 Approvals Process: Parks Department Approval
 Funding Sources: Waterfront Toronto Tripartite
 Construction Oversight: Waterfront Toronto
 O&M Lead: City of Toronto
 Date of Completion: June 2014



5
Spadina WaveDeck
 Size: 0.06 hectares (0.15 acres)
 Budget: \$4 million
 Design Oversight: Waterfront Toronto
 Landowner: Federal Government
 Approvals Process: Parks Department Approval
 Funding Sources: Waterfront Toronto Tripartite
 Construction Oversight: Waterfront Toronto
 O&M Lead: City of Toronto
 Date of Completion: September 2008



7
HtO Park East
 Size: 1.54 hectares (3.80 acres)
 Budget: \$10 million (East and West)
 Design Oversight: City of Toronto
 Landowner: City of Toronto
 Approvals Process: Parks Department Approval
 Funding Sources: City of Toronto
 Construction Oversight: City of Toronto
 O&M Lead: City of Toronto
 Date of Completion: June 2007



9
Simcoe WaveDeck
 Size: 0.06 hectares (0.16 acres)
 Budget: \$5 million
 Design Oversight: Waterfront Toronto (West 8 +DTAH)
 Landowner: City of Toronto
 Approvals Process: Parks Department Approval
 Funding Sources: Waterfront Toronto Tripartite
 Construction Oversight: Waterfront Toronto
 O&M Lead: City of Toronto
 Date of Completion: June 2009



2
Ireland Park
 Size: 0.04 hectares (0.09 acres)
 Budget: \$3.5 million
 Design Oversight:
 Landowner: City of Toronto
 Approvals Process: Parks Department Approval
 Funding Sources: Ireland Park Foundation
 Construction Oversight: Ireland Park Foundation
 O&M Lead: Ireland Park Foundation
 Date of Completion: June 2007



4
Canoe Landing
 Size: 2.62 hectares (6.47 acres)
 Budget: \$9 million
 Design Oversight: City of Toronto
 Landowner: City of Toronto
 Approvals Process: Parks Department Approval
 Funding Sources: DCs and Parkland Dedication
 Construction Oversight: City of Toronto
 O&M Lead: City of Toronto
 Date of Completion: September 2011



6
HtO Park West
 Size: 0.62 hectares (1.53 acres)
 Budget: \$10 million (East and West)
 Design Oversight: City of Toronto
 Landowner: City of Toronto
 Approvals Process: Parks Department Approval
 Funding Sources: City of Toronto
 Construction Oversight: City of Toronto
 O&M Lead: City of Toronto
 Date of Completion: June 2007



8
Rees WaveDeck
 Size: 0.05 hectares (0.66 acres)
 Budget: \$3.5 million
 Design Oversight: Waterfront Toronto (West 8 +DTAH)
 Landowner: City of Toronto
 Approvals Process: Parks Department Approval
 Funding Sources: Waterfront Toronto Tripartite
 Construction Oversight: Waterfront Toronto
 O&M Lead: City of Toronto
 Date of Completion: July 2009



10
Canada Square
 Size: 0.41 hectares (1.01 acres)
 Budget: \$39 million (Canada Square & Ontario Square)
 Design Oversight: Harbourfront Centre & Waterfront Toronto
 Landowner: City of Toronto
 Approvals Process: Site Plan Application
 Funding Sources: Waterfront Toronto Tripartite
 Construction Oversight: Harbourfront Centre
 O&M Lead: Harbourfront Centre & Waterfront Toronto
 Date of Completion: June 2013



11

Ontario Square
Size: 0.46 hectares (1.15 acres)
Budget: \$39 million (Canada Square & Ontario Square)
Design Oversight: Harbourfront Centre & Waterfront Toronto
Landowner: City of Toronto
Approvals Process: Site Plan Application
Funding Sources: Waterfront Toronto Tripartite
Construction Oversight: Harbourfront Centre
O&M Lead: Harbourfront Centre & Waterfront Toronto
Date of Completion: June 2013



13

Pier 27 Water's Edge Promenade
Size: 0.35 hectares (0.87 acres)
Budget: \$2 million
Design Oversight: Pier 27 & Waterfront Toronto
Landowner: City of Toronto
Approvals Process: Site Plan Application
Funding Sources: Pier 27 (Parkland Dedication)
Construction Oversight: Pier 27
O&M Lead: City of Toronto
Date of Completion: September 2016



15

Dockside Water's Edge Promenade
Size: 0.37 hectares (0.91 acres)
Budget: \$9.9 million
Design Oversight: Waterfront Toronto
Landowner: City of Toronto
Approvals Process: Subdivision & Development Engineering Approval
Funding Sources: Waterfront Toronto Tripartite
Construction Oversight: Waterfront Toronto
O&M Lead: City of Toronto
Date of Completion: June 2010



17

Sherbourne Common South
Size: 1.08 hectares (2.68 acres)
Budget: \$29.7 million (north and south)
Design Oversight: Waterfront Toronto
Landowner: City of Toronto
Approvals Process: Parks Department Approval
Funding Sources: Waterfront Toronto Tripartite
Construction Oversight: Waterfront Toronto
O&M Lead: City of Toronto
Date of Completion: September 2010



19

Front Street Promenade
Size: 0.2 hectares (0.7 acres)
Budget: \$1 million
Design Oversight: Waterfront Toronto
Landowner: City of Toronto
Approvals Process: Subdivision & Development Engineering Approval
Funding Sources: Waterfront Toronto Tripartite
Construction Oversight: Waterfront Toronto
O&M Lead: City of Toronto
Date of Completion: June 2013



12

Queens Quay
Size: 2.12 hectares (5.62 acres)
Budget: \$92.8 million
Design Oversight: Waterfront Toronto
Landowner: City of Toronto
Approvals Process: ROW/TPUCC Approval
Funding Sources: Waterfront Toronto Tripartite
Construction Oversight: Waterfront Toronto
O&M Lead: City of Toronto
Date of Completion: June 2015



14

Canada's Sugar Beach
Size: 0.8 hectares (1.97 acres)
Budget: \$14.17 million
Design Oversight: Claude Cormier + Associés
Landowner: City of Toronto
Approvals Process: Parks Department Approval
Funding Sources:
Construction Oversight:
O&M Lead: City of Toronto
Date of Completion: August 2010



16

Sherbourne Common North
Size: 0.54 hectares (1.35 acres)
Budget: \$29.7 million (north and south)
Design Oversight: Waterfront Toronto
Landowner: City of Toronto
Approvals Process: Parks Department Approval
Funding Sources: Waterfront Toronto Tripartite
Construction Oversight: Waterfront Toronto
O&M Lead: City of Toronto
Date of Completion: July 2011



18

Corktown Common
Size: 6.35 hectares (15.7 acres)
Budget: \$21 million
Design Oversight:
Landowner: City of Toronto
Approvals Process: Subdivision & Development Engineering Approval
Funding Sources:
Construction Oversight:
O&M Lead:
Date of Completion: June 2013



20

Lawren Harris Square
Size: 0.16 hectares (0.40 acres)
Budget: (embedded in Corktown Common WP)
Design Oversight: Waterfront Toronto
Landowner: City of Toronto
Approvals Process: Subdivision & Development Engineering Approval
Funding Sources: Waterfront Toronto Tripartite
Construction Oversight: Waterfront Toronto
O&M Lead: City of Toronto
Date of Completion: June 2013



Underpass Park

Size: 0.98 hectares (2.40 acres)
Budget: \$4 million
Design Oversight: [Waterfront Toronto](#)
Landowner: [City of Toronto](#)
Approvals Process: [Parks Department Approval](#)
Funding Sources: [Waterfront Toronto Tripartite](#)
Construction Oversight: [Waterfront Toronto](#)
O&M Lead: [City of Toronto](#)
Date of Completion: [August 2012](#)



Jack Layton Ferry Terminal Phase 1A

Size: 0.13 hectares (0.30 acres)
Budget: \$3 million
Design Oversight: [Waterfront Toronto](#)
Landowner: [City of Toronto](#)
Approvals Process: [N/A](#)
Funding Sources: [City of Toronto](#)
Construction Oversight: [City of Toronto](#)
O&M Lead: [City of Toronto](#)
Date of Completion: [2019](#)



Aitken Place Park

Size: 0.3 hectares (0.74 acres)
Budget: \$3 million
Design Oversight: [Waterfront Toronto](#)
Landowner: [City of Toronto](#)
Approvals Process: [Subdivision & Development Engineering Approval](#)
Funding Sources: [Waterfront Toronto Tripartite](#)
Construction Oversight: [Waterfront Toronto](#)
O&M Lead: [City of Toronto](#)
Date of Completion: [2019](#)



The Bentway

Size: 0.27 hectares (0.66 acres)
Budget: \$25 million
Design Oversight: [Waterfront Toronto](#)
Landowner: [City of Toronto](#)
Approvals Process: [ROW/TPUCC Permit](#)
Funding Sources: [The Matthews & City of Toronto](#)
Construction Oversight: [Waterfront Toronto](#)
O&M Lead: [The Bentway Trust](#)
Date of Completion: [July 2017](#)



Sugar Beach North

Size: 0.13 hectares (0.32 acres)
Budget:
Design Oversight: [The Daniels Corporation & City of Toronto](#)
Landowner: [The Daniels Corporation](#)
Approvals Process: [Site Plan Application](#)
Funding Sources: [On-Site Parkland Dedication and DC Credits](#)
Construction Oversight:
O&M Lead: [City of Toronto](#)
Date of Completion: [2018](#)

Underway and Future Waterfront Parks



LEGEND

- Underway
- Planned
- Parks Forestry & Recreation
- DWA

- 1 Portland Slip Promenade Phase II
- 2 Portland Wavedeck
- 3 Rees Street Park
- 4 York Street Park
- 5 Ferry Terminal Retrofit
- 6 Yonge Wavedeck
- 7 Foot of Yonge Park
- 8 Lower Yonge Park
- 9 Queens Quay East
- 10 Jarvis Wavedeck
- 11 Parliament Wavedeck
- 12 Silo Park
- 13 Keating Channel Water's Edge Promenade
- 14 Gardiner Public Realm
- 15 First Parliament
- 16 Parliament Street Parkette
- 17 Promontory Park South
- 18 River Park North
- 19 River Park South
- 20 Villiers Park
- 21 Keating-Don Park
- 22 Peter Street Basin
- 23 Promontory Park North
- 24 Destination Playground
- 25 Don Roadway Linear Park
- 26 Lake Ontario Park
- 27 Rail Deck Park
- 28 Bentway Phase II
- 29 Crombie Park

Completed Waterfront Transit



Planned Waterfront Transit

1

Below Grade Works (Union Station and Portal to Yonge Street)

2

Portal from underground tunnel to surface tracks and Yonge Slip Modifications (if required)

3A

Queens Quay East Surface Works (Bay to Parliament)

3B

Parliament Lakefill

4

Queens Quay extension to Cherry Street and from Queens Quay to Distillery

5

Cherry Extension and Commissioners from Cherry to Future Broadview Extension:





A decade of results

1.5 M

Square feet of commercial development

3,500

Residential units completed (656 affordable)

\$1.6 B

Revenues to Government

\$4.1 B

Output to Canadian economy

\$2.6 B

Development Value attracted by WT – First 6 development projects

\$21 billion+

total market development value on and around the waterfront

To date Waterfront Toronto's investment of approx. **\$2.0 billion** over the last 18 years has or is estimated to have generated :

- Over **\$4.1B in economic output** to the Canadian Economy
- Over **\$1.6B in revenues** to the three orders of government in direct, indirect and induced taxation – effectively paying back the initial **\$1.5 billion government seed capital**.
- **\$2.6 B** in private sector development in WT's first six developments alone, including **6,000 housing units (800 affordable)** and **1.5 million square feet** of commercial development (completed and under construction)
- Over **18,000 full-time years of employment** during construction and over **5,000 full-time years of ongoing employment**

Total private developments are estimated (in 2017) at over \$21 billion in total market value in and around the waterfront which is expected to contribute almost 25 million square feet in new office, retail and institutional space and over 36,000 new housing units once fully built out.

Top Ten Big City Waterfronts

Lists of Top Urban Waterfronts



"Best Coastal Cities in the World"
Quality of Life

1. Auckland, NZ
2. Barcelona, ES
3. Vancouver, CA
4. Copenhagen, DK
5. Singapore, SG
6. Chicago, US
7. Sydney, AU
8. San Francisco, US
9. Tokyo, JP
10. New York, US
11. Dublin, IE
12. Hong Kong, CN
13. Helsinki, FI
14. Los Angeles, US
15. Lisbon, PT



"World's Best Waterfront Cities"
Tourism

1. Venice, IT
2. Bergen, NO
3. Amsterdam, NL
4. Sydney, AU
5. San Francisco, US
6. Brighton, UK
7. Stockholm, SE
8. Hong Kong, CN
9. Baltimore, US
10. Vancouver, CA
11. San Sebastian, ES
12. Lisbon, PT
13. Rio de Janeiro, BR
14. New Orleans, US
15. Cape Town, ZA



"Great Waterfronts of the World"
Urban Design

1. Stockholm, SE
2. Venice, IT
3. Helsinki, FI
4. San Sebastian, ES
5. Sydney, AU
6. Hamburg, DE
- 7*. Baltimore, US
- 7*. Chicago, US
- 7*. Montreal, CA
- 7*. Nice, FR
- 7*. Porto, PT
- 7*. Rio de Janeiro, BR
- 7*. San Francisco, US

** cities weighted equally*

Population Over 500k



"Best Coastal Cities in the World"
Quality of Life

- | | |
|----------------------|------|
| 1. Auckland | 1.7m |
| 2. Barcelona | 1.6m |
| 3. Vancouver | 0.7m |
| 4. Copenhagen | 0.6m |
| 5. Singapore | 5.6m |
| 6. Chicago | 2.7m |
| 7. Sydney, AU | |
| 8. San Francisco, US | |
| 9. Tokyo | 9.3m |
| 10. New York | 8.6m |
| 11. Dublin | 0.6m |
| 12. Hong Kong, CN | |
| 13. Helsinki, FI | |
| 14. Los Angeles | 4.0m |
| 15. Lisbon, PT | |



"World's Best Waterfront Cities"
Tourism

- | | |
|------------------------|------|
| 1. Venice, IT | |
| 2. Bergen, NO | |
| 3. Amsterdam | 0.9m |
| 4. Sydney | 5.0m |
| 5. San Francisco | 0.9m |
| 6. Brighton, UK | |
| 7. Stockholm, SE | |
| 8. Hong Kong | 7.4m |
| 9. Baltimore, US | |
| 10. Vancouver, CA | |
| 11. San Sebastian, ES | |
| 12. Lisbon, PT | |
| 13. Rio de Janeiro, BR | |
| 14. New Orleans, US | |
| 15. Cape Town, ZA | |



"Great Waterfronts of the World"
Urban Design

- | | |
|-----------------------|------|
| 1. Stockholm | 1.0m |
| 2. Venice, IT | |
| 3. Helsinki, FI | |
| 4. San Sebastian, ES | |
| 5. Sydney, AU | |
| 6. Hamburg | 1.8m |
| 7*. Baltimore | 0.6m |
| 7*. Chicago, US | |
| 7*. Montreal | 1.8m |
| 7*. Nice, FR | |
| 7*. Porto, PT | |
| 7*. Rio de Janeiro | 7.4m |
| 7*. San Francisco, US | |

** cities weighted equally*

Geographic Diversity



"Best Coastal Cities in the World"
Quality of Life

1. Auckland, NZ
2. Barcelona, ES
3. Vancouver, CA
- 4. Copenhagen, EU**
- 5. Singapore, AS**
- 6. Chicago, NA**
7. Sydney, AU
8. San Francisco, US
9. Tokyo, JP
10. New York, US
11. Dublin, IE
12. Hong Kong, CN
13. Helsinki, FI
14. Los Angeles, US
15. Lisbon, PT



"World's Best Waterfront Cities"
Tourism

1. Venice, IT
2. Bergen, NO
- 3. Amsterdam, EU**
- 4. Sydney, AU**
- 5. San Francisco, NA**
6. Brighton, UK
7. Stockholm, SE
- 8. Hong Kong, AS**
9. Baltimore, US
10. Vancouver, CA
11. San Sebastian, ES
12. Lisbon, PT
13. Rio de Janeiro, BR
14. New Orleans, US
15. Cape Town, ZA

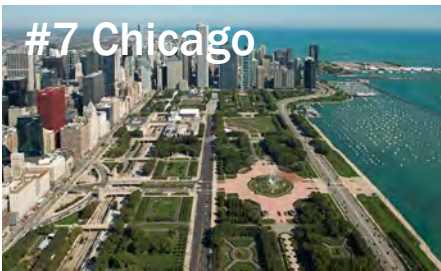


"Great Waterfronts of the World"
Urban Design

- 1. Stockholm, EU**
2. Venice, IT
3. Helsinki, FI
4. San Sebastian, ES
5. Sydney, AU
- 6. Hamburg, EU**
- 7*. Baltimore, US
- 7*. Chicago, US
- 7*. Montreal, CA
- 7*. Nice, FR
- 7*. Porto, PT
- 7*. Rio de Janeiro, SA**
- 7*. San Francisco, US

** cities weighted equally*

Top Ten Big City Waterfronts



Waterfront Cities - Area



San Francisco



27.3 sq km

Stockholm



11.8 sq km

Chicago



10.6 sq km

Toronto



8.5 sq km

Rio de Janeiro



18.4 sq km

Vancouver



11 sq km

Copenhagen



9.9 sq km

Singapore



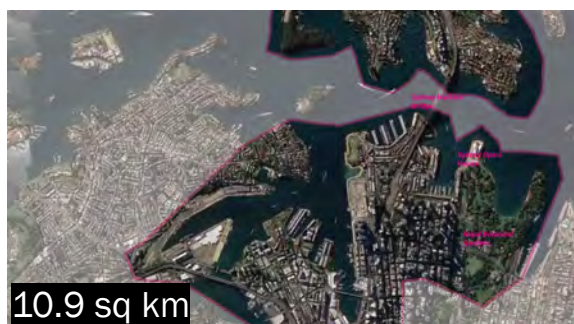
5.4 sq km

Amsterdam



15.9 sq km

Sydney



10.9 sq km

Hamburg






9.13 sq km

Hong Kong



4.8 sq km

42 Defining Attributes

character	Buildings & Structures	 Scenic Recognizably	 Urban Waterways	 Bridge Crossings	 Historic Fabric	 Iconic Building	 Intimate Scale													
	Parks & Public Realm	 Waterfront Prom	 Destination Park	 Streetscape Charctr	 Waterfront Blvd	 Urban Beaches	 Public Art	 Recreation Trail	 Active Recreation	 Destination Play										
activation	Water-based Activities	 Cruise Destination	 Recreational Boating	 Sightseeing Tours	 Museum Ships	 Open Swimming	 Ferry System	 Big Marinas	 Recreation Piers	 Working Port	 Sport Fishing									
	Land-based Activities	 Cultural Anchor	 Shopping District	 Waterfront Dining	 Market Hall	 Seafood Restaurant	 Arts Festivals	 Civic Celebration	 Sports Events	 Night Life										
community	Neighbor-hoods	 Urban connectivity	 Vibrant N'hoods	 Innovation District	 Civic Centre	 Affordable Housing														
	Environ-mental	 Immersive Green	 Resilient by Design	 Clean Water																

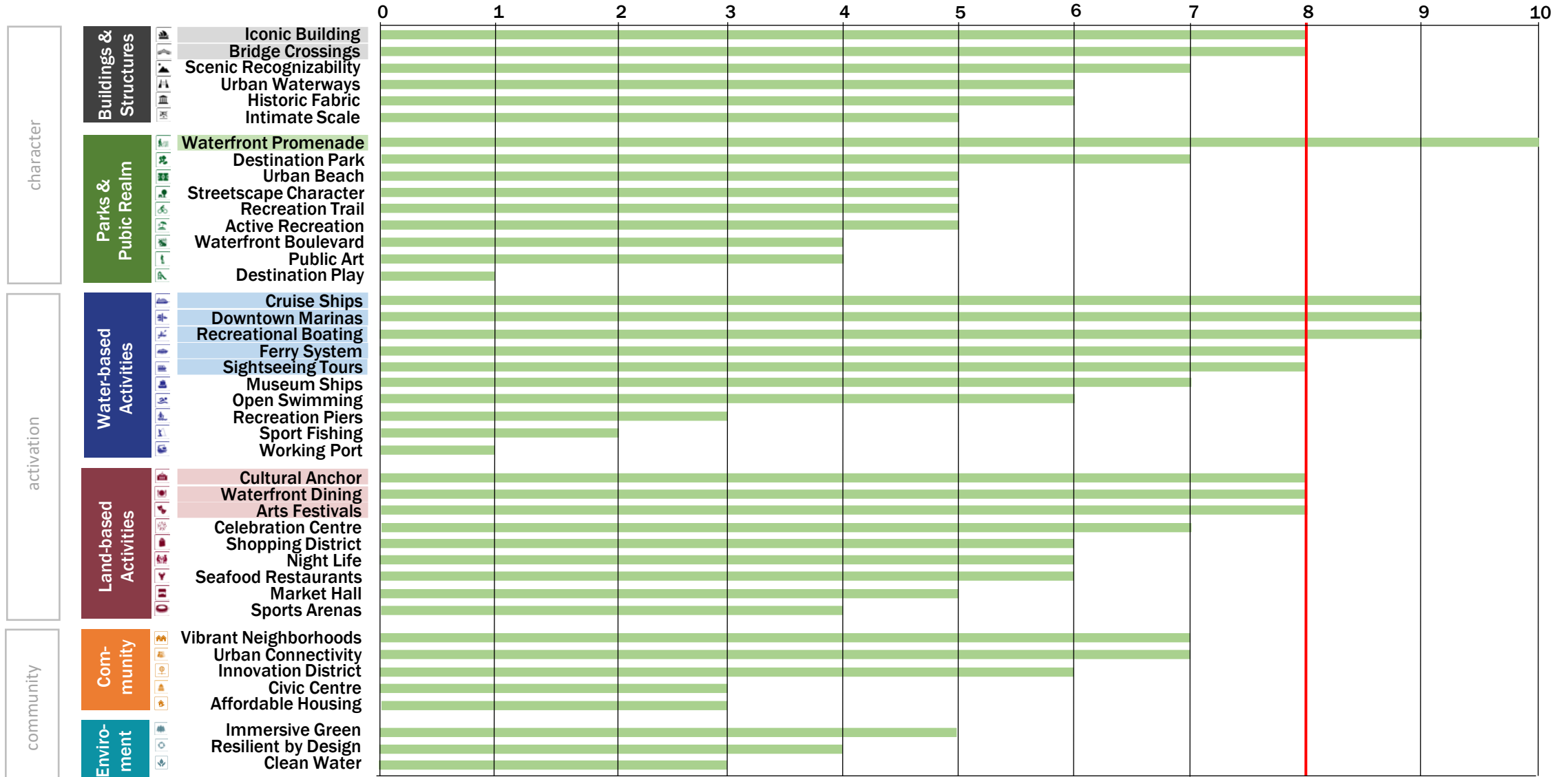
Attribute Totals

			copenhagen	stockholm	amsterdam	hamburg	sydney	chicago	singapore	san francisco	rio de janeiro	hong kong	
character	Buildings & Structures	Iconic Building	✓		✓	✓	✓	✓	✓	✓	✓		
		Bridge Crossings	✓	✓		✓	✓	✓	✓	✓			
		Scenic Recognizability			✓	✓	✓	✓	✓	✓	✓		✓
		Urban Waterways	✓	✓	✓	✓	✓	✓	✓	✓			
		Historic Fabric	✓	✓	✓	✓	✓	✓	✓	✓			
		Intimate Scale	✓	✓	✓	✓	✓	✓	✓	✓			
	Parks & Public Realm	Waterfront Promenade	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
		Destination Park		✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Urban Beach		✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Streetscape Character	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Recreation Trail	✓	✓		✓	✓	✓	✓	✓	✓	✓	
		Active Recreation	✓			✓	✓	✓	✓	✓	✓	✓	
		Waterfront Boulevard		✓			✓	✓	✓	✓	✓	✓	
		Public Art	✓				✓	✓	✓	✓	✓	✓	✓
Destination Play							✓	✓	✓	✓			
activation	Water-based Activities	Cruise Ships	✓	✓	✓	✓	✓		✓	✓	✓	✓	
		Downtown Marinas	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Recreational Boating	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Ferry System	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Sightseeing Tours	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Museum Ships	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Land-based Activities	Open Swimming	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Recreation Piers		✓		✓	✓	✓	✓	✓	✓	✓	
		Sport Fishing		✓					✓	✓	✓	✓	
		Working Port				✓				✓	✓	✓	
		Cultural Anchor	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
		Waterfront Dining	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
community	Com-munity	Arts Festivals	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Celebration Centre	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Shopping District	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Nightlife Centre	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Enviro-ment	Seafood Restaurants	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
		Market Hall	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
		Sports Arenas						✓	✓	✓	✓	✓	✓
		Vibrant Neighborhoods	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Urban Connectivity	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Innovation District	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Civic Centre	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Affordable Housing	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Immersive Green	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Resilient by Design	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Clean Water	✓	✓		✓	✓		✓		✓	✓		
	TOTAL	29	29	28	27	26	25	25	24	22	16		

Attribute Totals – Toronto Comparison

			copenhagen	stockholm	amsterdam	hamburg	sydney	chicago	singapore	san francisco	rio de janeiro	hong kong	toronto	
character	Buildings & Structures	Iconic Building	✓		✓	✓	✓	✓	✓	✓	✓			
		Bridge Crossings	✓	✓		✓	✓	✓	✓	✓	✓			
		Scenic Recognizability			✓	✓	✓	✓	✓	✓	✓		✓	
		Urban Waterways	✓	✓	✓	✓	✓	✓	✓	✓	✓			
		Historic Fabric	✓	✓	✓	✓	✓	✓	✓	✓	✓			
		Intimate Scale	✓	✓	✓	✓	✓	✓	✓	✓	✓			
	Parks & Public Realm	Waterfront Promenade	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Destination Park		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
		Urban Beach		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
		Streetscape Character	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
		Recreation Trail	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
		Active Recreation	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓
		Waterfront Boulevard		✓					✓	✓	✓	✓	✓	
		Public Art	✓						✓	✓	✓	✓	✓	✓
activation	Water-based Activities	Destination Play						✓	✓	✓	✓	✓		
		Cruise Ships	✓	✓	✓	✓	✓		✓	✓	✓	✓		
		Downtown Marinas	✓	✓	✓	✓	✓		✓	✓	✓	✓		
		Recreational Boating	✓	✓	✓	✓	✓		✓	✓	✓	✓		
		Ferry System	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	
		Sightseeing Tours	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	
		Museum Ships	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	
		Open Swimming	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	
		Recreation Piers		✓		✓	✓		✓	✓	✓	✓	✓	
		Sport Fishing		✓						✓	✓	✓	✓	
	Working Port				✓					✓	✓	✓		
	Land-based Activities	Cultural Anchor	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
		Waterfront Dining	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
		Arts Festivals	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Celebration Centre		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Community	Shopping District	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Nightlife Centre		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Seafood Restaurants	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Market Hall	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Sports Arenas			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Vibrant Neighborhoods	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Environment	Urban Connectivity	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Innovation District	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Civic Centre	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Affordable Housing	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Environment	Immersive Green	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Resilient by Design	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Clean Water	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	TOTAL	29	29	28	27	26	25	25	24	22	16			

Attribute Frequency



iconic buildings



copenhagen

amsterdam

chicago

hamburg

sydney

singapore

san francisco

rio de janeiro

0

1

2

3

4

5

6

7

8

9

10



sydney opera house architect jørn utzon



sydney



singapore



marina bay sands hotel architect moshe safdie



elbe philharmonic architects hertzog and de meuron



hamburg



amsterdam

nemo science centre architect renzo piano



millenium park architect frank gehry



chicago



copenhagen

national opera house architect henning larsen



rio de janeiro

museum of contemporary art architect oscar niemeyer



san francisco ferry building

architect arthur page brown



san francisco

bridge crossings



stockholm

copenhagen

amsterdam

chicago

hamburg

sydney

singapore

san francisco

0

1

2

3

4

5

6

7

8

9

10



river bridges



chicago



amsterdam

canal bridges



bridges of gamla stan



stockholm



copenhagen

the marble bridge



poggenmuhlen bridge



hamburg



double helix bridge



singapore



sydney

sydney harbour bridge



golden gate bridge



san francisco

waterfront promenade



stockholm



copenhagen



amsterdam



chicago



hamburg



sydney



singapore



san francisco



rio de janeiro



hong kong

0

1

2

3

4

5

6

7

8

9

10



rio de janeiro

copacabana promenade 4 km; 8.2m width + 2.6m width bike trail



chicago

riverwalk 4m-9m width



chicago

lakefront trail 10m-20m width



hamburg

landungsbrücken promenade 4m typical width



san francisco

embarcadero promenade 10m width trail + 8m width path at seawall



sydney

sydney promenade 9m width typical



singapore

marina bay promenade 5m width typical



strandvagen promenade 6m width



stockholm



copenhagen

kalvebod promenade 10m width along seawall, 4.5-7m width secondary paths



amsterdam

canal promenade approx. 6m width



hong kong

tsim sha tsui promenade 8-12m width

cruise destination



stockholm

copenhagen

amsterdam

hamburg

sydney

singapore

san francisco

rio de janeiro

hong kong

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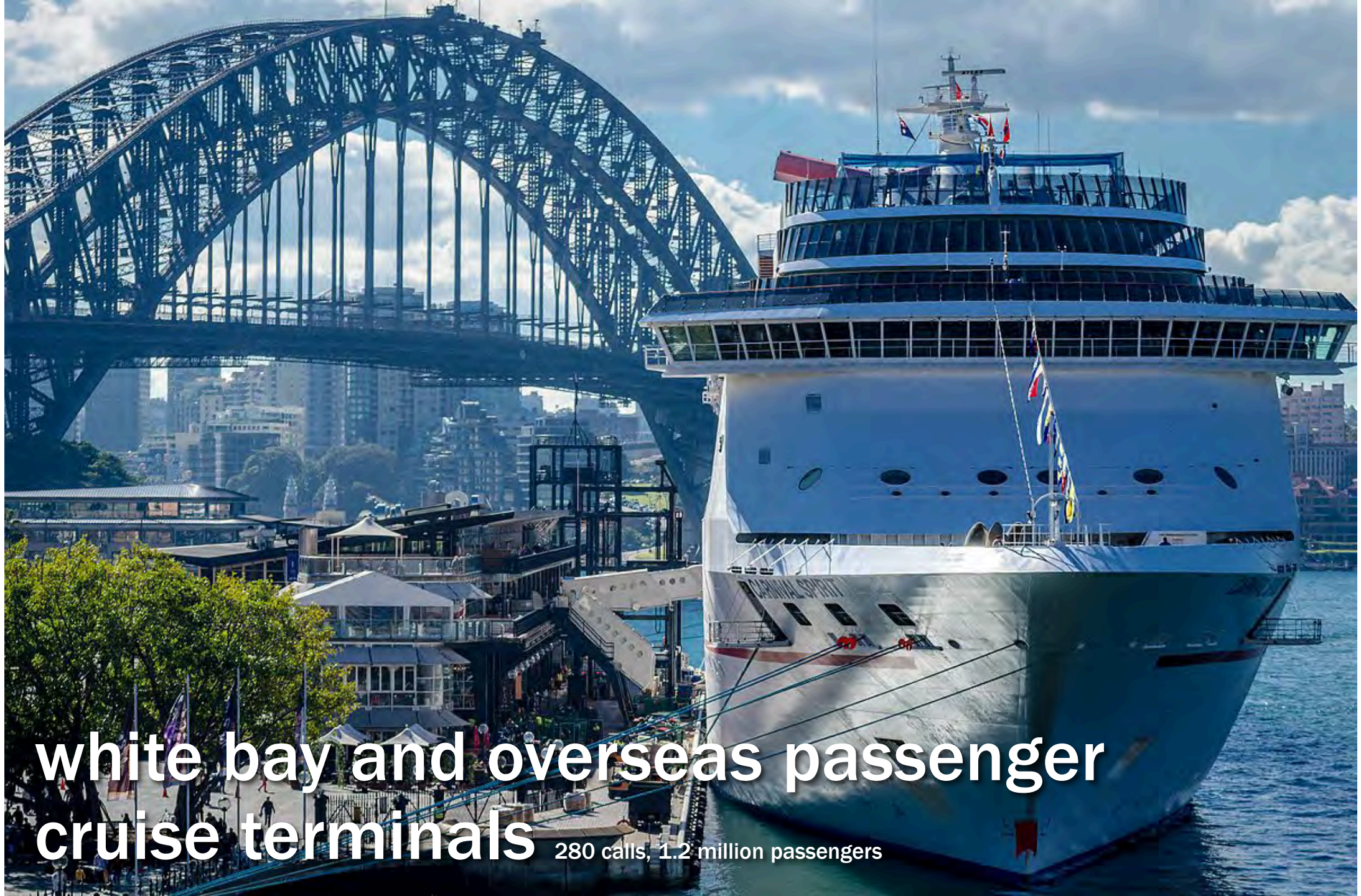
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10



hamburg

hafencity terminal 150 calls, 525k passengers



white bay and overseas passenger cruise terminals

280 calls, 1.2 million passengers



sydney



stockholm

stadtsgården terminal

260 calls, 600k passengers



san francisco

pier 27 cruise terminal -80 calls, 300k passengers



singapore

marina bay cruise centre 140 calls, 200k passengers



rio de janeiro

pier maua 90 calls, 350k passengers



hong kong

kai tak terminal 190 calls, 700k pasengers

downtown marinas



stockholm

copenhagen

amsterdam

chicago

hamburg

sydney

san francisco

rio de janeiro

hong kong

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1

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9

10



burnham marina



chicago



copenhagen

wilders plads marina



south beach harbor 700 slips



san francisco



cockle bay marina



sydney



ostermalm marina



stockholm



city ij marina



amsterdam



marina de gloria



rio de janeiro



hong kong

royal hong kong yacht club



hamburg

ferry system



stockholm

copenhagen

amsterdam

hamburg

sydney

singapore

san francisco

hong kong

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hong kong

star ferry



djurgarden ferry



stockholm



gvb ferry



amsterdam



singapore

bumboat ferry



copenhagen

all-electric harbour bus



hadag ferry



hamburg



sydney



san francisco

cultural anchor



stockholm

copenhagen

amsterdam

chicago

hamburg

sydney

singapore

hong kong

0

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4

5

6

7

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10



sydney opera house 8.5 m visitors



sydney



elbe philhamonic 4 m visitors



hamburg



shedd aquarium 2 m visitors



chicago



esplanade theatres

1.7 m visitors



singapore



vasamuseet 1.5 m visitors



stockholm



eye film institute 750k visitors



amsterdam



hong kong

museum of art 500k visitors



copenhagen

national opera house 400k visitors

arts festivals



stockholm



copenhagen



amsterdam



chicago



sydney



singapore



san francisco

0

1

2

3

4

5

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10



vivid sydney festival 2.3 m visitors



sydney



amsterdam

amsterdam light festival 900k visitors



stockholm

stockholm culture festival 800k visitors



singapore

ilight marina bay festival 700k visitors



art on the mart



chicago



illuminate sf festival of light



san francisco



copenhagen frost festival



copenhagen



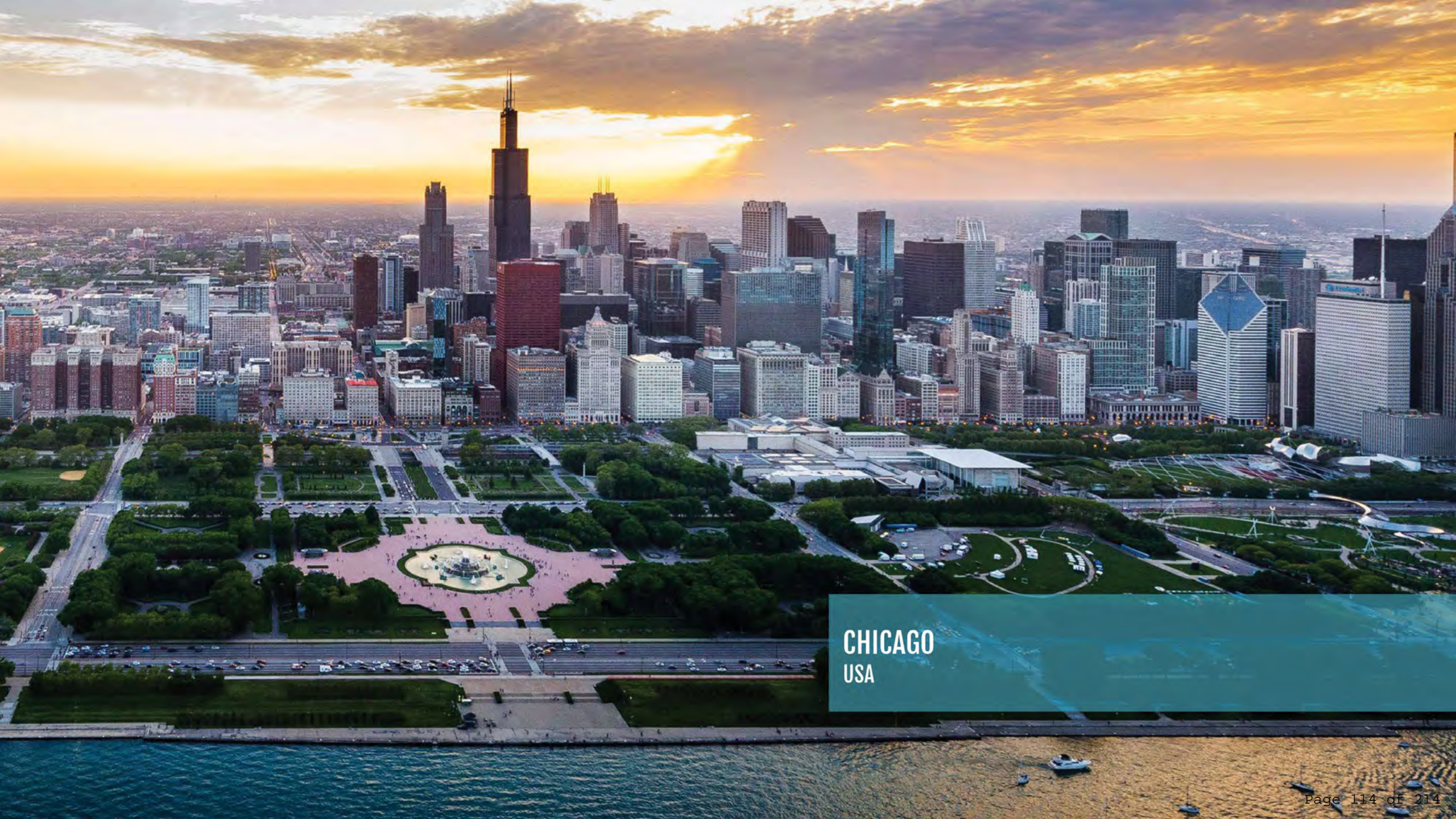
binnenalster film festival



hamburg

Chicago and San Francisco

Additional Research



CHICAGO
USA

CHICAGO

USA



Typology: River-coastline hybrid

Area: 606.1 km²
 Population: 2,694,236
 Waterbody : Lake Michigan

Waterfront Character

Many of Chicago's most notable urban features are thanks to its relationship with the water. The Chicago River winds through the city's core, giving rise to a significant bridge network, tours of the city by boat, and excellent water-related public spaces such as the Chicago Riverwalk. To the East, cultural amenities such as sports fields, museums, and yacht clubs dot the lakefront, connected via highway, trainline, and trail. Lake Michigan is lined by a 30km shared-use lakefront

trail, connecting urban beaches and the Lincoln Park Zoo and Conservatory to Grant Park, a historic 'Front Yard,' designated in 1836 as "public ground – a common to remain forever open, clear, and free of any buildings, or other obstructions whatsoever."

Land / Water Relationship



Defining Characteristics: Chicago River & Historic Front Yard



CHICAGO RIVERS

The Chicago River is a key feature of the city's urban fabric. The 251km-long river is animated by recreational boats, tours, and the internationally acclaimed Riverwalk, known by some as the city's "second lakefront."



GRANT PARK

Located in Chicago's central business district, Grant Park is a 319 acre (1.29km²) urban park which dates back to the city's founding. It is home to some of Chicago's most well-known public artworks, well-activated spaces, and historic museums.

Attributes

character	Buildings & Structures	Scenic Recognability	Urban Waterways	Bridge Crossings	Historic Fabric	Iconic Building	Contemporary	
	Parks & Public Realm	Waterfront Prom	Destination Park	Waterfront Blvd	Urban Beach	Public Art	Recreation Trail	Active Recreation
recreation	Water-based Activities	Recreational Boating	Sightseeing Tours	Open Swimming	Downtown Markets	Recreation Piers	Swimming	
	Land-based Activities	Cultural Anchor	Waterfront Dining	Arts Festivals	Celebration Centers	Sports Arenas	Night Life Centers	
community	Neighborhoods	Vibrant Neighborhoods						
	Environmental							



Additional 10.8KM lakefront trail to south shore cultural centre

Additional 4.8KM Lakefront trail to Kathy Osterman Beach House

- 1. Arie Crown Theatre
- 2. Soldier Field
- 3. Burnham Harbour
- 4. Shedd Aquarium
- 5. Field Museum
- 6. Adler Planetarium
- 7. Grant Park Sports Fields
- 8. Michigan Avenue
- 9. Grant Park
- 10. The Art Institute of Chicago
- 11. Crown Fountain

- 12. Maggie Daley Park
- 13. Cloud Gate
- 14. Chicago Cultural Centre
- 15. Chicago River
- 16. Art on theMART
- 17. Brigade Network
- 18. Marina City
- 19. The Wrigley Building
- 20. Boat Tours
- 21. Chicago Riverwalk
- 22. Museum Campus-Navy Pier Water Taxi

- 23. Jay Pritzker Pavilion
- 24. Children's Museum
- 25. Navy Pier
- 26. Museum of Contemporary Art
- 27. Oak Street Beach
- 28. Chicago History Museum
- 29. North Avenue Beach
- 30. Lincoln Park Zoo
- 31. Lincoln Park Conservatory
- 32. Diversy Driving Range
- 33. Chicago Yacht Club
- 34. Lakeshore Boulevard 12.5km
- 35. Lakefront Trail (28km total)

Major road
waterfront promenade/TRAIL
FERRY



1km

Cultural Concentration



Chicago Museum Campus



Art Institute of Chicago

Navy Pier in the summer evening (above) and winter (below)

Lakefront Parks & Public Spaces



Grant Park (Millennium Park, Lurie Garden, Cloud Gate, and Crown Fountain)



Chicago Lakefront Trail (29km)



Maggie Daley Park

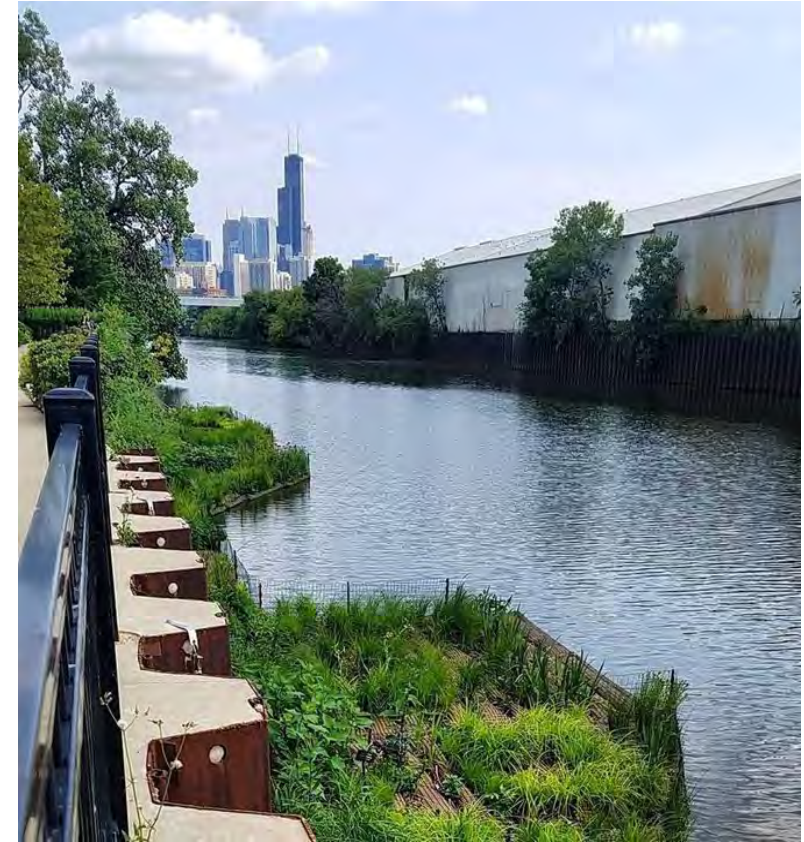
Riverside Development



Chicago River walk

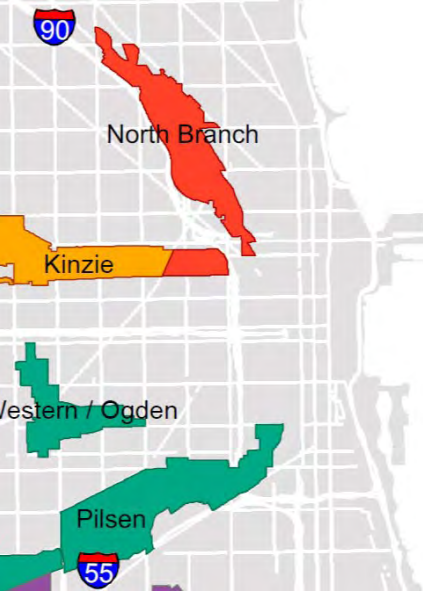


150 N. Riverside (left) River Point (right)



The Wild Mile

Industrial Areas



Chicago Industrial Corridors



North Branch Industrial Corridor



The River District Master Plan



SAN FRANCISCO
USA

SAN FRANCISCO

USA



Typology : Peninsula

Area: 121.4 km2
 Population: 896,047
 Waterbody: Pacific Ocean

Waterfront Character

San Francisco's waterfront is characterized by its industrial piers that line the eastern half of the waterfront and a series of spectacular parks along the western coast. A series of industrial historic warehouse buildings on piers have been appropriated for public uses, starting from the Embarcadero Market to Fisherman's Wharf, a shopping and food destination, and Ghirardelli square sitting above the Aquatic park.

The programmed piers are tied together by an iconic waterfront boulevard with a vintage tram that provides continuous access along the waterfront.

The western half of the the Peninsula is lined with beaches and destination parks, providing sweeping views of the Bay and Golden Gate Bridge.

Land / Water Relationship



Defining Characteristics: Chicago River & Historic Front Yard



PROGRAMMED PIERS

San Francisco's eastern more urban waterfront is lined with piers many of which have been appropriated for public uses housing museums, markets, restaurants, and cultural centers. The most iconic of the piers is the Embarcadero Market which is also a gateway to ferries across the bay.



DESTINATION PARKS & BEACHES

San Francisco's western waterfront is characterized by a series of spectacular coastal parks and beaches from Golden Gate Park, to Land's End, to Baker Beach, Crissy Field and Presidio all boasting views across the bay and the famous Golden Gate Bridge.

Attributes

characteristics	Buildings & Structures					
	Parks & Public Realm					
activation	Water-based Activities					
	Land-based Activities					
community	Neighborhoods					
	Environmental					



10 km continuous walk oracle park to fort point

- | | | |
|--|---|--|
| 1. Oracle Park Stadium | 11. Ghirardelli Square | 20. Baker Beach |
| 2. South Beach Harbor | 12. Maritime National Historic Park and Maritime Museum | 21. Golden Gate Park & Beach |
| 3. Embarcadero Drive and Promenade | 13. Fort Mason | 22. San Francisco Zoo & Lake Merced Park |
| 4. Embarcadero Ferry Terminal and Market | 14. Fort Mason Center for Arts & Culture | |
| 5. Exploratorium Science Museum | 15. The Wave Organ | |
| 6. Pier 27 Cruise Ship Terminal | 16. Yacht Harbour | |
| 7. Pier 33 Ferry to Alcatraz | 17. Palace of Fine Arts | |
| 8. Fisherman's Wharf District | 18. Crissy Field, Marsh & Beach | |
| 9. Musee Mecanique | 19. Golden Gate Bridge Post vard Viewpoint | |
| 10. Hyde St. Pier Historic Ships | | |

- Major road
- waterfront promenade/TRAIL
- FERRY



Sightseeing Trails & Promenades



Lands End Trail is the terminus of the spectacular series of hiking and biking trails on the west coast connecting key viewpoints, beaches and parks



Crissy Field Promenade & Trail provides continuous access to the water's edge from the Maritime Museum to the Golden Gate Bridge.



Embarcadero Boulevard is the spine that connects all the programmed piers on the east waterfront from the Market to Fisherman's Wharf.

Retail and Dining



Fisherman's Wharf is a tourist place hosting restaurants and shops, one of the most visited places in San Francisco.

Estimated annual number of visitors: ~16.4M.



Ghirardelli Square is a group of renovated factory buildings filled with shops, galleries and restaurants.



Ferry Building is a very innovative tourist attraction - it has a market hall, offices and acts as a ferry terminal.

Marine Activation



Port of San Francisco: Cruise



South Beach Harbor Marina

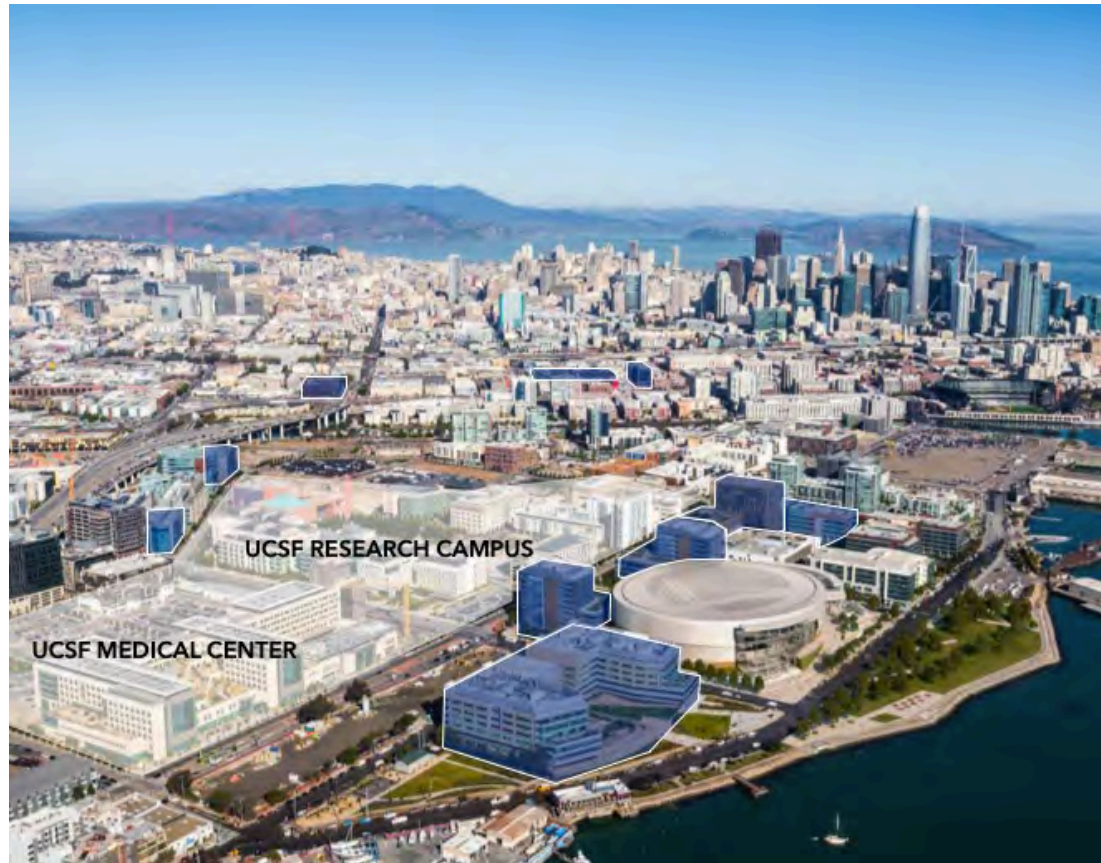


Harbor Tours

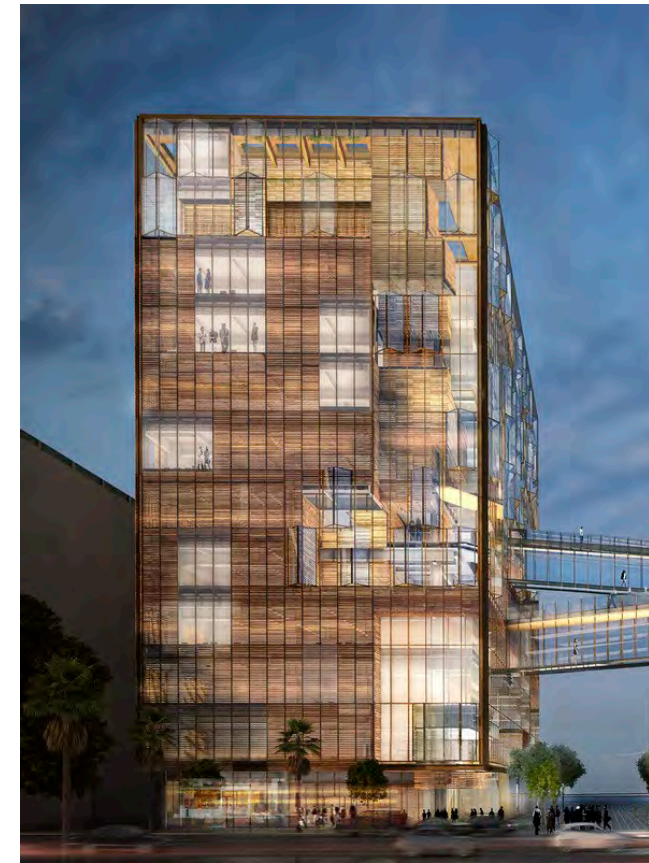
Innovation and Academia



UCSF Medical Center



Mission Bay Innovation Hub



Future Uber Head Quarters

Toronto's Attributes

Attribute Totals – Toronto Comparison

			copenhagen	stockholm	amsterdam	hamburg	sydney	chicago	singapore	san francisco	rio de janeiro	hong kong	toronto	
character	Buildings & Structures	Iconic Building	✓		✓	✓	✓	✓	✓	✓	✓			
		Bridge Crossings	✓	✓		✓	✓	✓	✓	✓	✓			
		Scenic Recognizability			✓	✓	✓	✓	✓	✓	✓		✓	
		Urban Waterways	✓	✓	✓	✓	✓	✓	✓	✓	✓			
		Historic Fabric	✓	✓	✓	✓	✓	✓	✓	✓	✓			
		Intimate Scale	✓	✓	✓	✓	✓	✓	✓	✓	✓			
	Parks & Public Realm	Waterfront Promenade	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Destination Park		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Urban Beach		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Streetscape Character	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Recreation Trail	✓			✓	✓	✓	✓	✓	✓	✓	✓	
		Active Recreation	✓			✓	✓	✓	✓	✓	✓	✓	✓	
		Waterfront Boulevard		✓				✓	✓	✓	✓	✓	✓	
		Public Art	✓					✓	✓	✓	✓	✓	✓	
activation	Water-based Activities	Destination Play						✓	✓	✓	✓	✓		
		Cruise Ships	✓	✓	✓	✓	✓		✓	✓	✓	✓		
		Downtown Marinas	✓	✓	✓	✓	✓		✓	✓	✓	✓		
		Recreational Boating	✓	✓	✓	✓	✓		✓	✓	✓	✓		
		Ferry System	✓	✓	✓	✓	✓		✓	✓	✓	✓		
		Sightseeing Tours	✓	✓	✓	✓	✓		✓	✓	✓	✓		
		Museum Ships	✓	✓	✓	✓	✓		✓	✓	✓	✓		
		Open Swimming	✓	✓	✓	✓	✓		✓	✓	✓	✓		
	Land-based Activities	Recreation Piers		✓		✓	✓		✓	✓	✓	✓	✓	
		Sport Fishing		✓					✓	✓	✓	✓	✓	
		Working Port				✓				✓	✓	✓	✓	
		Cultural Anchor	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Waterfront Dining	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Arts Festivals	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Community	Celebration Centre		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
	Shopping District		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
	Nightlife Centre		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
	Seafood Restaurants	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
	Market Hall	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
	Sports Arenas			✓	✓	✓	✓	✓	✓	✓	✓	✓		
Environment	Community	Vibrant Neighborhoods	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
		Urban Connectivity	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
		Innovation District	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
		Civic Centre	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
Affordable Housing	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
Environment	Immersive Green	✓	✓	✓	✓					✓	✓	✓		
	Resilient by Design	✓	✓	✓	✓				✓	✓	✓	✓		
	Clean Water	✓	✓		✓	✓			✓	✓	✓			
	TOTAL	29	29	28	27	26	25	25	24	22	16			

Toronto's Defining Attributes - Current

character	Buildings & Structures	Scenic Recognizblty	Urban Waterways	Bridge Crossings	Historic Fabric	Iconic Building	Intimate Scale					
	Parks & Public Realm	Waterfront Prom	Destination Park	Streetscape Charctr	Waterfront Blvd	Urban Beaches	Public Art	Recreation Trail	Active Recreation	Destination Play		
activation	Water-based Activities	Cruise Destination	Recreational Boating	Sightseeing Tours	Museum Ships	Open Swimming	Ferry System	Downtown Marinas	Recreation Piers	Working Port	Sport Fishing	
	Land-based Activities	Cultural Anchor	Shopping District	Waterfront Dining	Market Hall	Seafood Restaurant	Arts Festivals	Civic Celebration	Sports Events	Night Life		
community	Neighbor-hoods	Urban Connectivity	Vibrant N'hoods	Innovation District	Civic Centre	Affordable Housing						
	Environ-mental	Immersive Green	Resilient by Design	Clean Water								



toronto islands



toronto



toronto

sugar beach and the beaches



toronto



martin goodman trail



inner harbour



toronto



toronto

harbourfront centre



caribbean festival



toronto



toronto



toronto

villier's island bridges



toronto

queens quay east



toronto

destination art piece





toronto

Attribute Comparison – Current + Underway

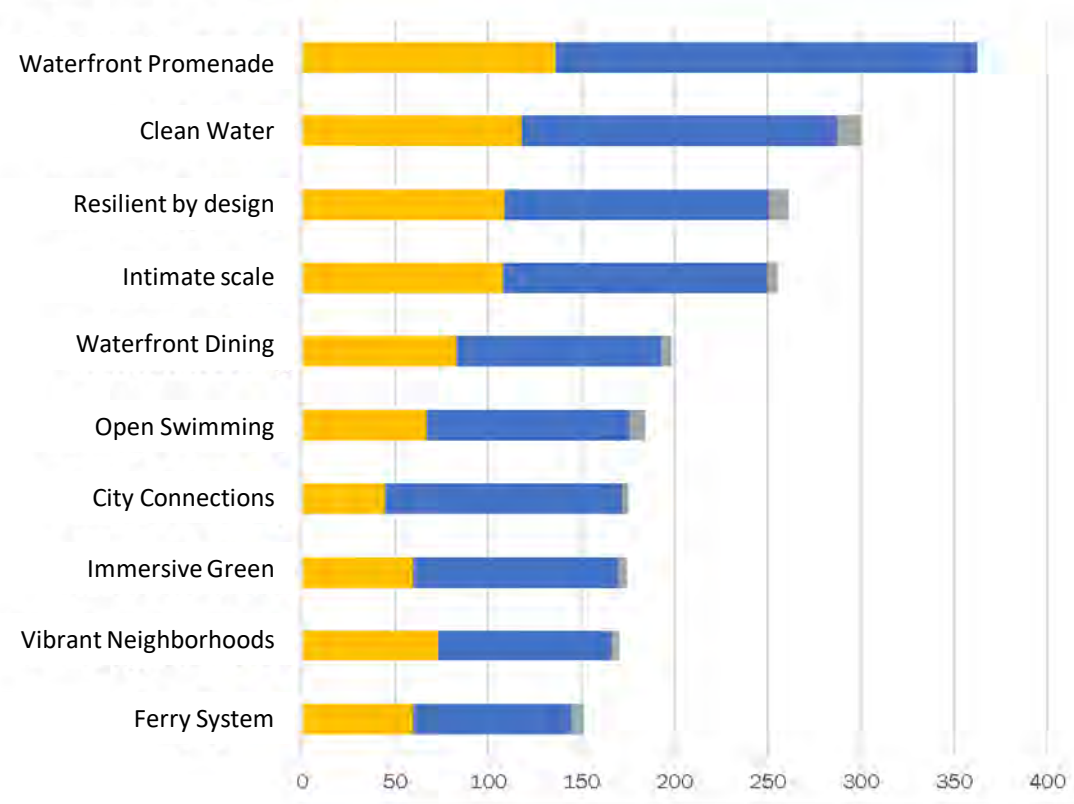
			copenhagen	stockholm	amsterdam	hamburg	sydney	chicago	singapore	san francisco	rio de janeiro	hong kong	toronto
character	Buildings & Structures	Iconic Building	✓		✓	✓	✓	✓	✓	✓	✓		
		Bridge Crossings	✓	✓		✓	✓	✓	✓	✓	✓		✓
		Scenic Recognizability			✓	✓	✓	✓	✓	✓	✓		
		Urban Waterways	✓	✓	✓	✓	✓	✓	✓	✓		✓	
		Historic Fabric	✓	✓	✓	✓	✓	✓	✓	✓			
		Intimate Scale	✓	✓	✓	✓	✓	✓	✓	✓			
	Parks & Public Realm	Waterfront Promenade	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Destination Park		✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Urban Beach		✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Streetscape Character	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Recreation Trail	✓			✓	✓						✓
		Active Recreation	✓			✓	✓						✓
		Waterfront Boulevard		✓				✓	✓	✓	✓	✓	
		Public Art	✓					✓	✓	✓	✓	✓	✓
Destination Play						✓	✓	✓	✓	✓	✓		
activation	Water-based Activities	Cruise Ships	✓	✓	✓	✓	✓		✓	✓	✓	✓	
		Downtown Marinas	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Recreational Boating	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Ferry System	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
		Sightseeing Tours	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Museum Ships	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Land-based Activities	Open Swimming	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Recreation Piers		✓		✓	✓	✓	✓	✓	✓	✓	
		Sport Fishing		✓						✓	✓	✓	
		Working Port				✓							
		Cultural Anchor	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
		Waterfront Dining	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
community	Com-munity	Arts Festivals	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Celebration Centre		✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Shopping District		✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Nightlife Centre		✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Enviro-ment	Seafood Restaurants	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
		Market Hall	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
		Sports Arenas						✓	✓	✓	✓	✓	✓
		Vibrant Neighborhoods	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Urban Connectivity	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
Innovation District	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
Civic Centre	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
Affordable Housing	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
Immersive Green	✓	✓	✓	✓	✓			✓	✓	✓	✓		
Resilient by Design	✓	✓	✓	✓	✓				✓	✓	✓		
Clean Water	✓	✓	✓	✓	✓	✓			✓	✓	✓		
TOTAL			29	29	28	27	26	25	25	24	22	16	

Towards a Waterfront Vision

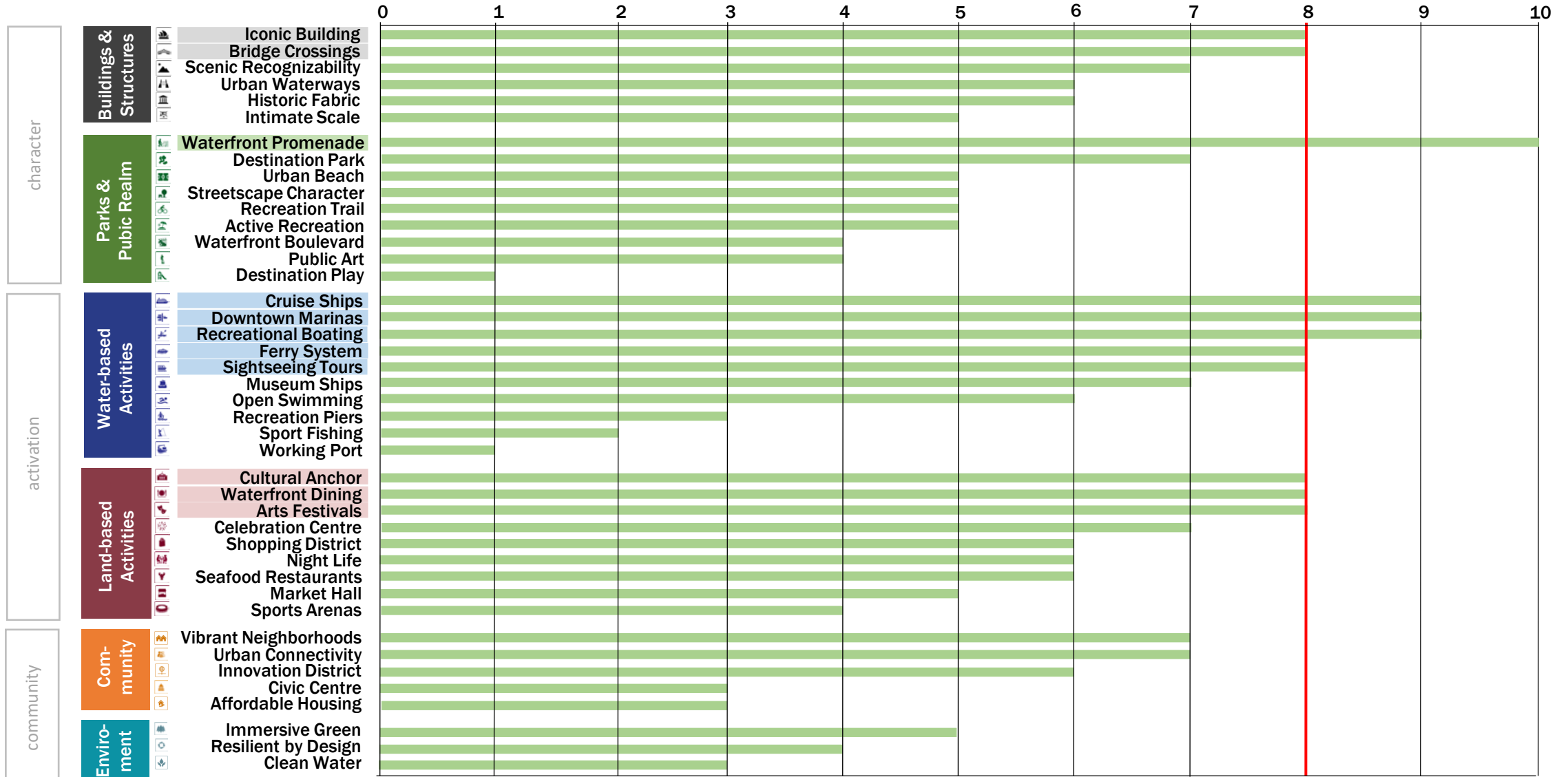
On-Line Survey Results

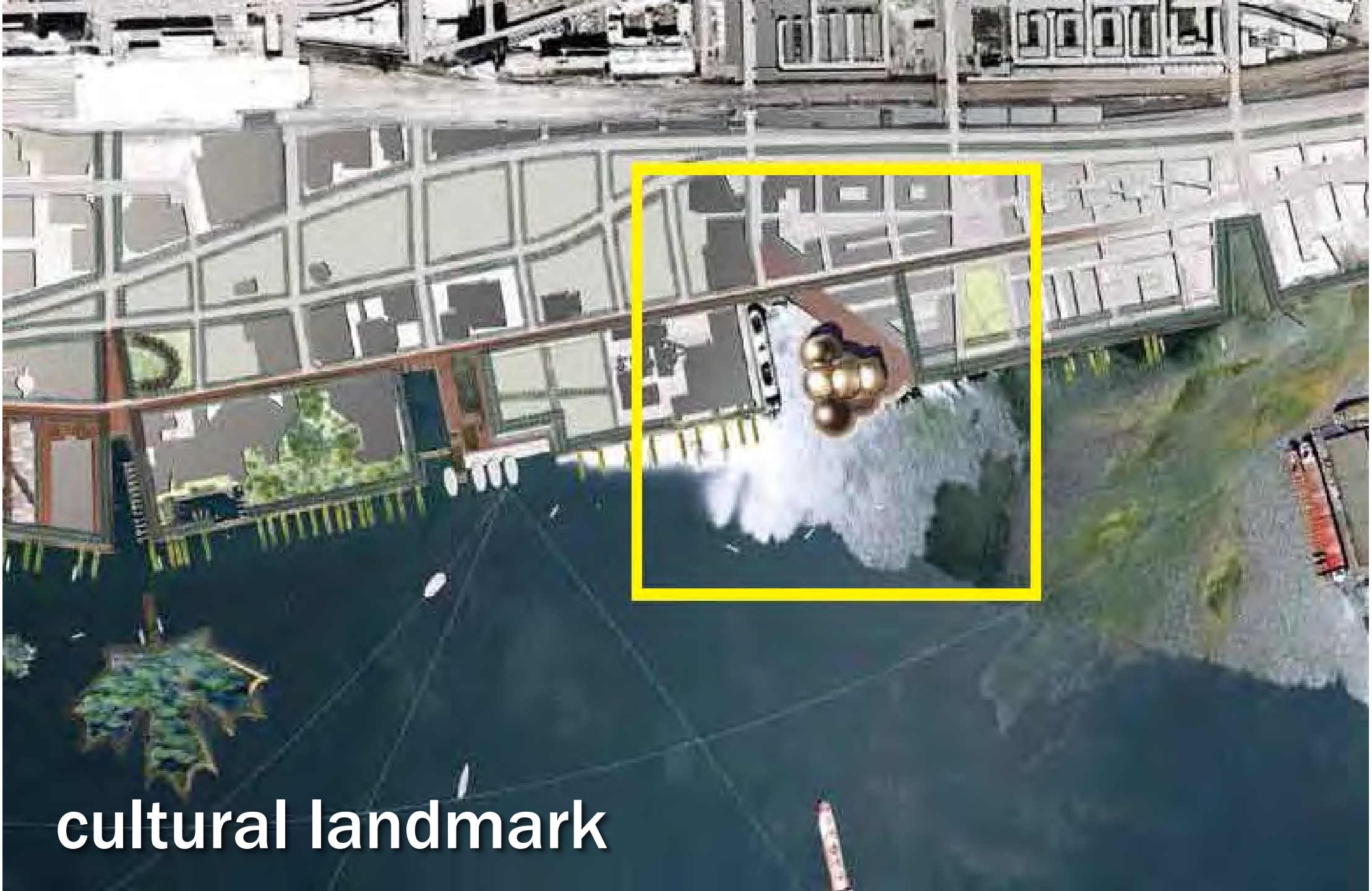
What should be the top priorities for Toronto's future waterfront revitalization?

Top 10 priorities:



Attribute Frequency





toronto

cultural landmark



toronto



waterfront walk



destination playground



toronto



jack layton ferry terminal



toronto

Attribute Comparison – Current + Underway+Signature

		copenhagen	stockholm	amsterdam	hamburg	sydney	chicago	singapore	san francisco	rio de janeiro	hong kong	toronto	
character	Buildings & Structures	Iconic Building	✓		✓	✓	✓	✓	✓	✓		✓	
		Bridge Crossings	✓	✓		✓	✓	✓	✓	✓		✓	
		Scenic Recognizability			✓	✓	✓	✓	✓	✓		✓	
		Urban Waterways	✓	✓	✓	✓	✓	✓	✓				
		Historic Fabric	✓	✓	✓	✓	✓	✓	✓				
		Intimate Scale	✓	✓	✓	✓	✓	✓	✓				
	Parks & Public Realm	Waterfront Promenade	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓
		Destination Park		✓	✓	✓	✓	✓	✓	✓	✓		✓
		Urban Beach		✓	✓	✓	✓	✓	✓	✓	✓		✓
		Streetscape Character	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓
		Recreation Trail	✓			✓	✓	✓					✓
		Active Recreation	✓			✓	✓	✓					✓
		Waterfront Boulevard		✓			✓	✓	✓	✓	✓		✓
		Public Art	✓				✓	✓	✓	✓	✓	✓	✓
Destination Play						✓	✓		✓		✓		
activation	Water-based Activities	Cruise Ships	✓	✓	✓	✓		✓	✓	✓	✓	✓	
		Downtown Marinas	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Recreational Boating	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Ferry System	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Sightseeing Tours	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Museum Ships	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Land-based Activities	Open Swimming	✓	✓		✓	✓		✓	✓			
		Recreation Piers		✓		✓	✓		✓	✓			
		Sport Fishing		✓					✓	✓			
		Working Port				✓							
		Cultural Anchor	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Waterfront Dining	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
community	Com-munity	Arts Festivals	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Celebration Centre	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Shopping District	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Nightlife Centre	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Enviro-ment	Seafood Restaurants	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Market Hall	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Sports Arenas					✓	✓	✓	✓	✓	✓	
		Vibrant Neighborhoods	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Urban Connectivity	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
Innovation District	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
Civic Centre	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
Affordable Housing	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
Immersive Green	✓	✓	✓	✓	✓		✓	✓	✓	✓			
Resilient by Design	✓	✓	✓	✓	✓			✓	✓	✓			
Clean Water	✓	✓	✓	✓	✓		✓	✓	✓	✓			
TOTAL		29	29	28	27	26	25	25	24	22	16		

Waterfront Destinations

Current



- | | | |
|--|--|---|
| 1. BMO Field | 12. Hanlan's Point Beach | 18. Cherry Beach |
| 2. Fort York/Bentway | 13. Toronto Island Sailing Club/
Yacht Club | 19. North Shore Boating Clubs |
| 3. Coronation Park Fields | 14. Inner Harbour | 20. Outer Harbour Marina |
| 4. Rogers Centre | 15. Toronto Islands | 21. Tommy Thompson Park |
| 5. CN Tower | 16. Centre Island Pier | 22. Ashbridges Bay |
| 6. Ripley's Aquarium | 17. Ward's Island Beach | 23. Beaches Boardwalk/Martin
Goodman Trail |
| 7. Scotiabank Arena | | |
| 8. Queens Quay/Martin
Goodman Trail | | |
| 9. Harbourfront Centre | | |
| 10. Jack Layton Ferry Terminal | | |
| 11. Sugar Beach | | |

Waterfront Destinations

Future



- | | | | |
|--|--|--|--|
| 1. BMO Field | 15. Toronto Islands | 24. Distillery District | 33. Love Park |
| 2. Fort York/Bentway | 16. Centre Island Pier | 25. St. Lawrence Market | 34. Continuous Promenade / Harbour Loop / Viewpoints |
| 3. Coronation Park Fields | 17. Ward's Island Beach | 26. Union Station | 35. Marine Strategy Ferry Terminals |
| 4. Rogers Centre | 18. Cherry Beach | 27. Ontario Place | |
| 5. CN Tower | 19. North Shore Boating Clubs | 28. Promontory Park & Destination Playground | |
| 6. Ripley's Aquarium | 20. Outer Harbour Marina | 29. Lower Don River Park | |
| 7. Scotiabank Arena | 21. Tommy Thompson Park | 30. Parliament Slip | |
| 8. Queens Quay/Martin Goodman Trail | 22. Ashbridges Bay | 31. Public Art Destination Piece | |
| 9. Harbourfront Centre | 23. Beaches Boardwalk/Martin Goodman Trail | 32. Temporary Art Location | |
| 10. Jack Layton Ferry Terminal | | | |
| 11. Sugar Beach | | | |
| 12. Hanlan's Point Beach | | | |
| 13. Toronto Island Sailing Club/Yacht Club | | | |
| 14. Inner Harbour | | | |

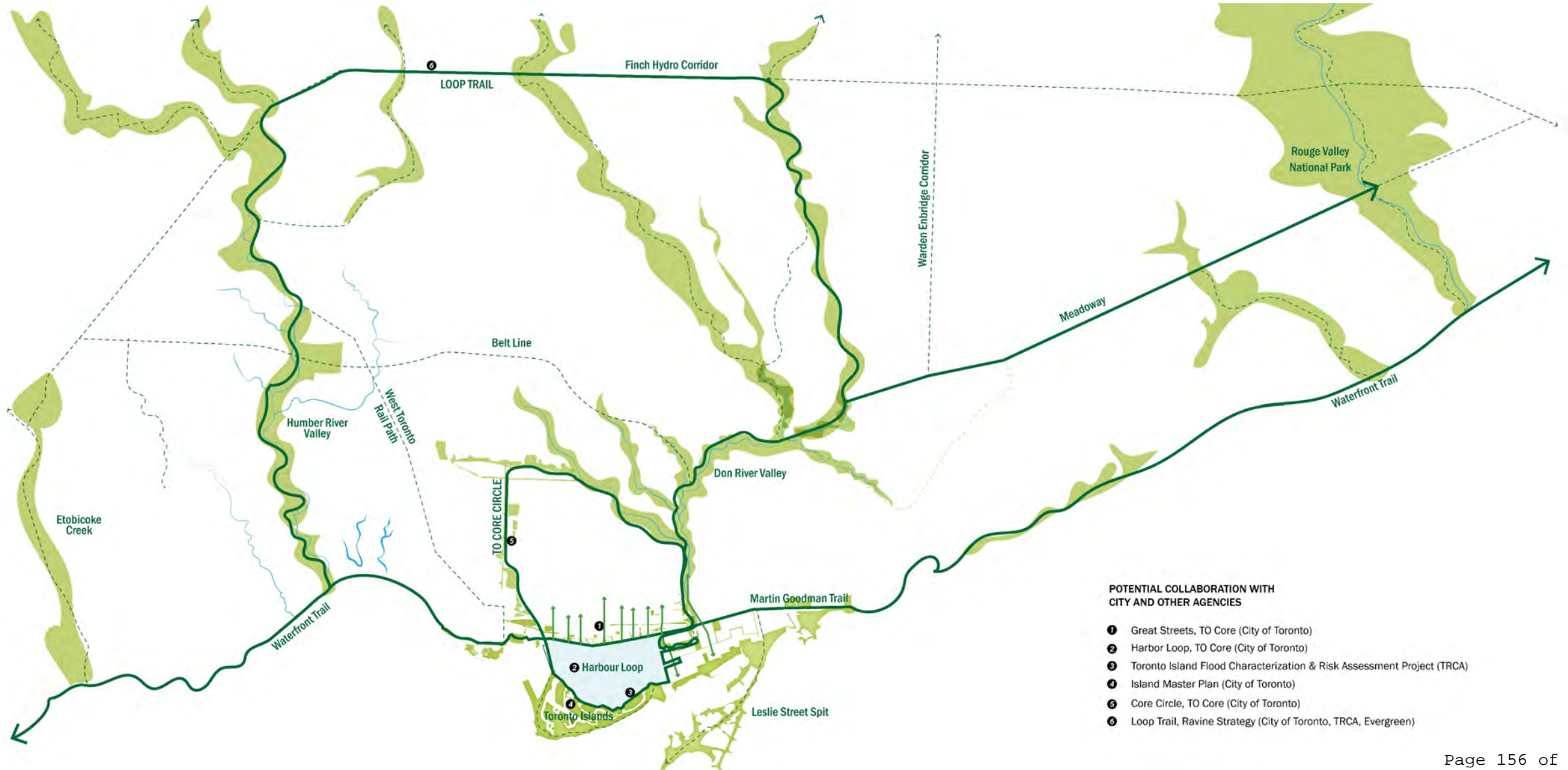
North-South Connections
 Reduced Barriers
 Promenade/Trail
 Ferry Connections
 1km

Waterfront Vision – The Harbour Necklance

“more connections to more destinations”



Alignment with regional and city plans



Thank you.

info@waterfrontoronto.ca

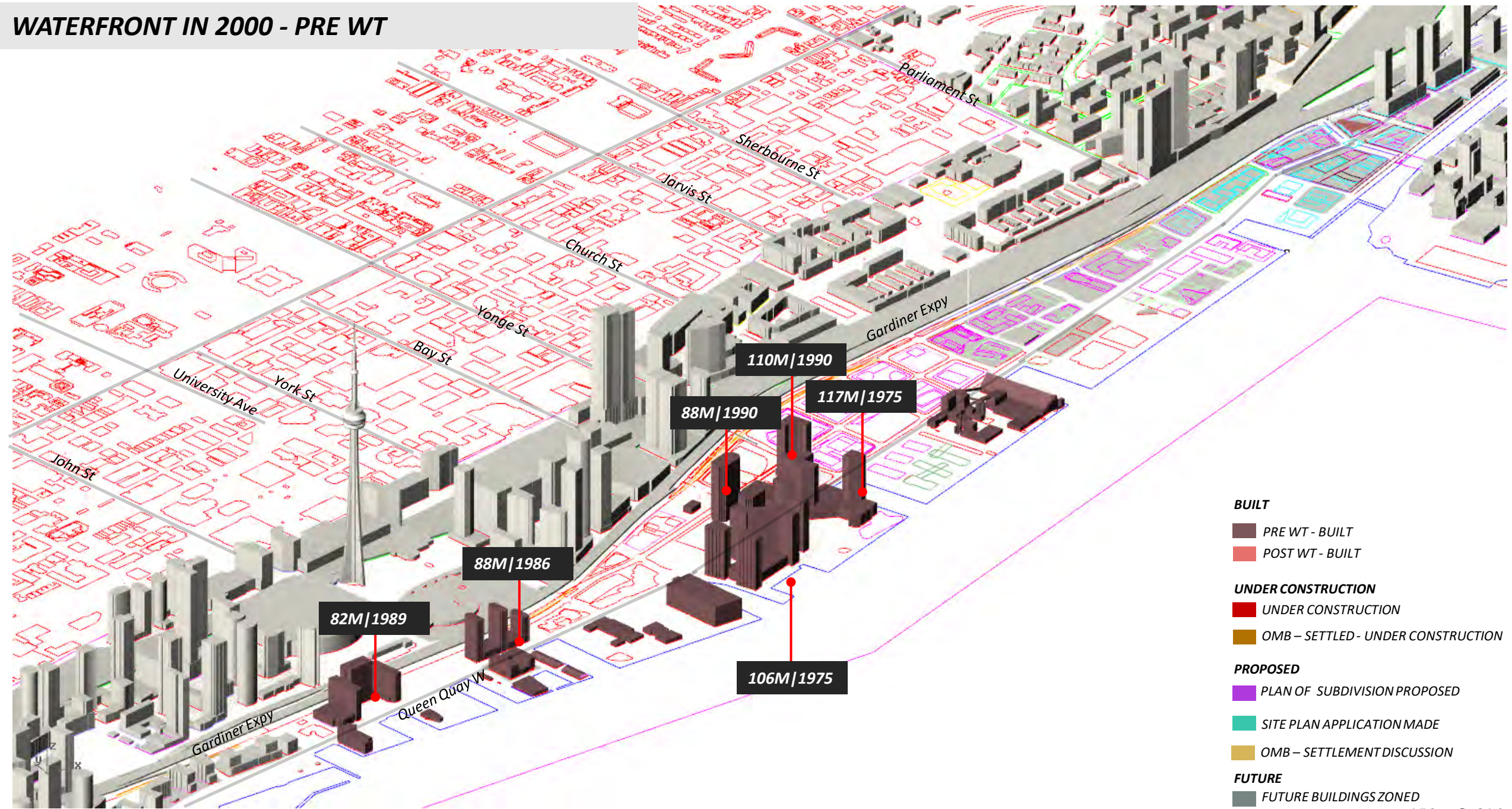
Waterfront Toronto
20 Bay Street, Suite 1310
Toronto, ON M5J 2N8
www.waterfrontoronto.ca

Join Waterfront Toronto on social media



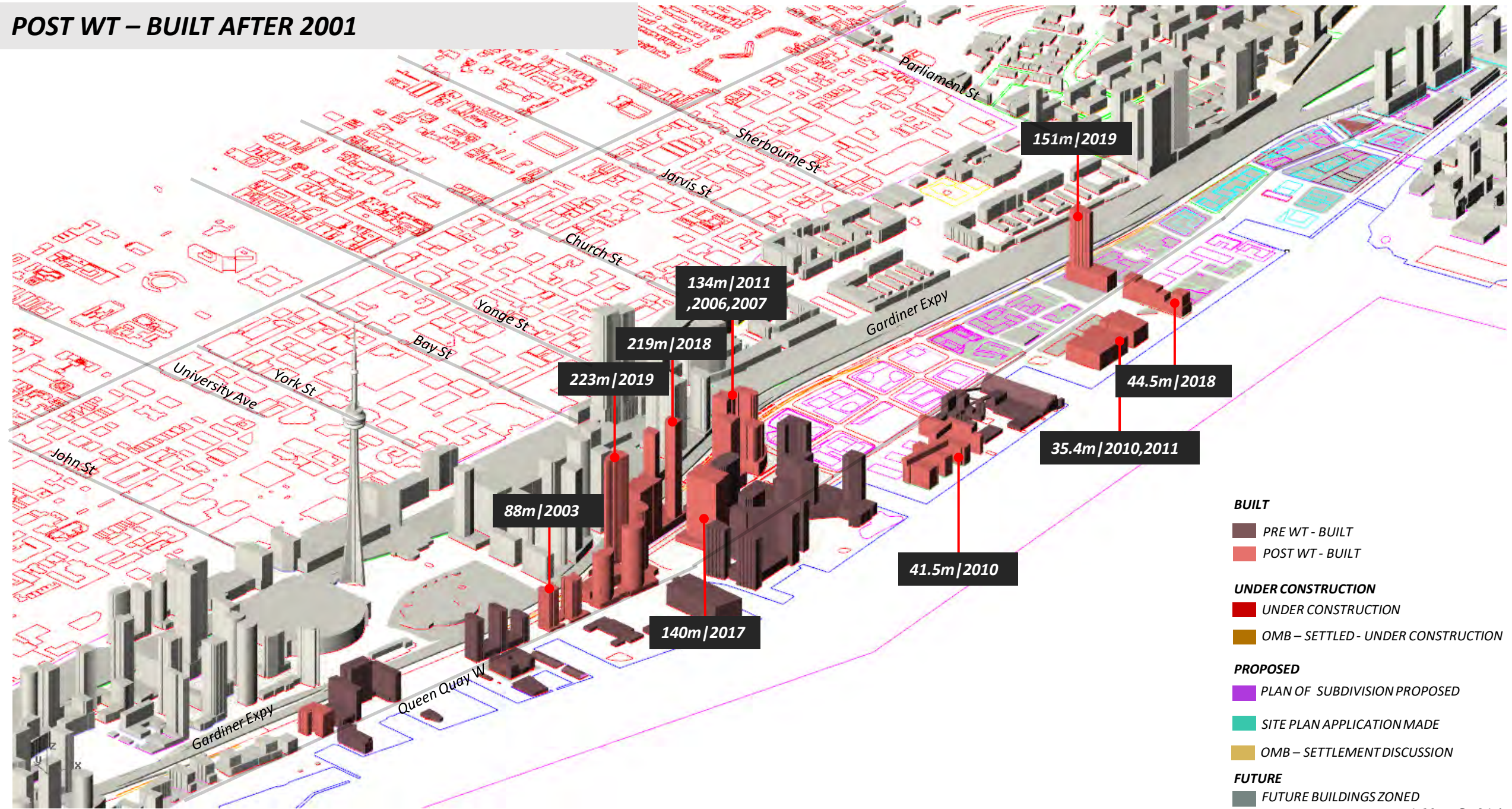
Appendix

WATERFRONT IN 2000 - PRE WT



- BUILT**
 - PRE WT - BUILT
 - POST WT - BUILT
- UNDER CONSTRUCTION**
 - UNDER CONSTRUCTION
 - OMB - SETTLED - UNDER CONSTRUCTION
- PROPOSED**
 - PLAN OF SUBDIVISION PROPOSED
 - SITE PLAN APPLICATION MADE
 - OMB - SETTLEMENT DISCUSSION
- FUTURE**
 - FUTURE BUILDINGS ZONED

POST WT – BUILT AFTER 2001



- BUILT**
 - PRE WT - BUILT
 - POST WT - BUILT
- UNDER CONSTRUCTION**
 - UNDER CONSTRUCTION
 - OMB – SETTLED - UNDER CONSTRUCTION
- PROPOSED**
 - PLAN OF SUBDIVISION PROPOSED
 - SITE PLAN APPLICATION MADE
 - OMB – SETTLEMENT DISCUSSION
- FUTURE**
 - FUTURE BUILDINGS ZONED

UNDER CONSTRUCTION



- BUILT**
- PRE WT - BUILT
- POST WT - BUILT
- UNDER CONSTRUCTION**
- UNDER CONSTRUCTION
- OMB – SETTLED - UNDER CONSTRUCTION
- PROPOSED**
- PLAN OF SUBDIVISION PROPOSED
- SITE PLAN APPLICATION MADE
- OMB – SETTLEMENT DISCUSSION
- FUTURE**
- FUTURE BUILDINGS ZONED

PROPOSED



FUTURE BUILDINGS ZONED



- BUILT**
- PRE WT - BUILT
- POST WT - BUILT
- UNDER CONSTRUCTION**
- UNDER CONSTRUCTION
- OMB – SETTLED - UNDER CONSTRUCTION
- PROPOSED**
- PLAN OF SUBDIVISION PROPOSED
- SITE PLAN APPLICATION MADE
- OMB – SETTLEMENT DISCUSSION
- FUTURE**
- FUTURE BUILDINGS ZONED

San Francisco and Chicago

Additional Research

San Francisco

Cultural Institutions



*San Francisco Ferry Building
(Embarcadero Market)*



*San Francisco Maritime National
Historical Park & Maritime Museum*



Presidio

Special Events



Outside Lands Music Festival



Illuminate San Francisco Festival of Light



Fleet Week

Parks & Public Spaces



Crissy Fields



The Embarcadero



Baker Beach



China Beach

Parks & Public Spaces



Crissy Fields



The Embarcadero



Baker Beach

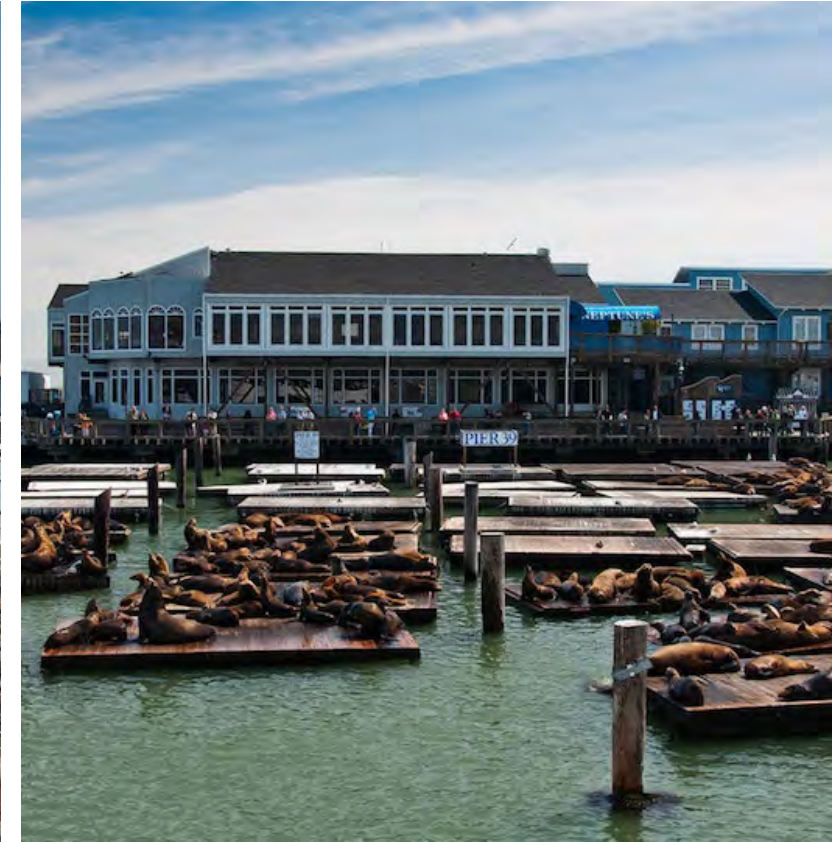
Sightseeing



Golden Gate Bridge



San Francisco Ferry Building and Market



Fisherman's Wharf

Housing & Neighbourhoods



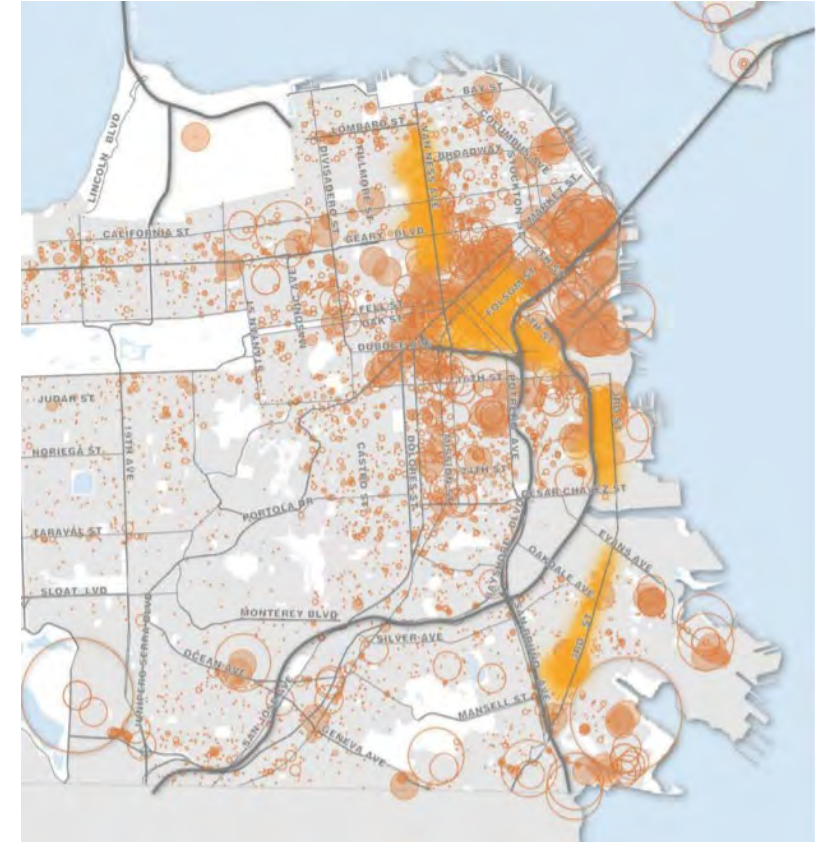
FINAL REPORT - MARCH 2020

San Francisco Housing Affordability Strategies

Housing Affordability Strategies



735 Davis/88 Broadway



"East Side Focus"

Eco District Tourism



EcoCenter at Heron's Head



Pier 70 – Net zero LEED Platinum by Brookfield

Industrial



Pier 70



Pier 80

Indigenous



The Ohlone Peoples and Neighbours



Ohlone Hut Replica - Mission San Francisco de Asis



Early Days Monument – Removed in 2018. A 124 year old statue a was a symbol of colonization and oppression.

Chicago

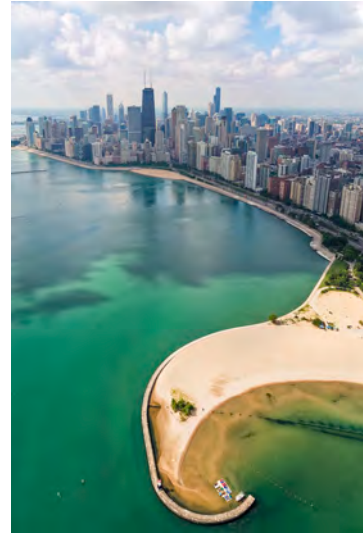
Chicago: Parks and Public Places



Chicago Lakefront Trail (30km)



Lincoln Park, Zoo and Conservatory and North Avenue Beach



Grant Park (Millennium, Maggie Daley and Crown Fountain)

Special Events



Grant Park Music Festival



Dyeing the River (St. Patrick's Day)



Art on theMART

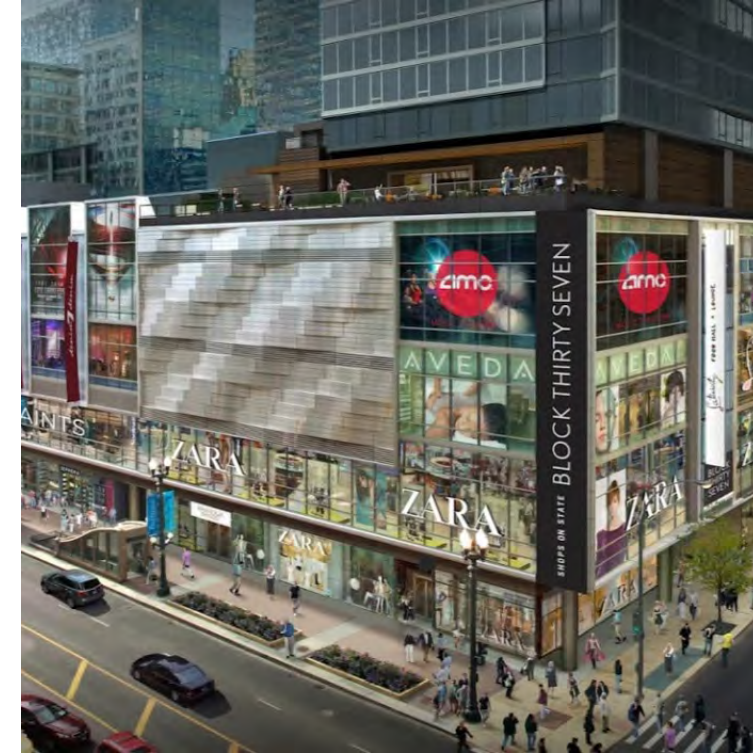
Retail & Dining



Lou Malnati's Pizzeria



Michael Jordan's Steakhouse



Block 37

Sightseeing



Chicago River Walk



Chicago River Bridges



The Bean (Cloud Gate)

Marine Activation



Chicago Yachts



Chicago River Use



Chicago Beach

Academia & Innovation

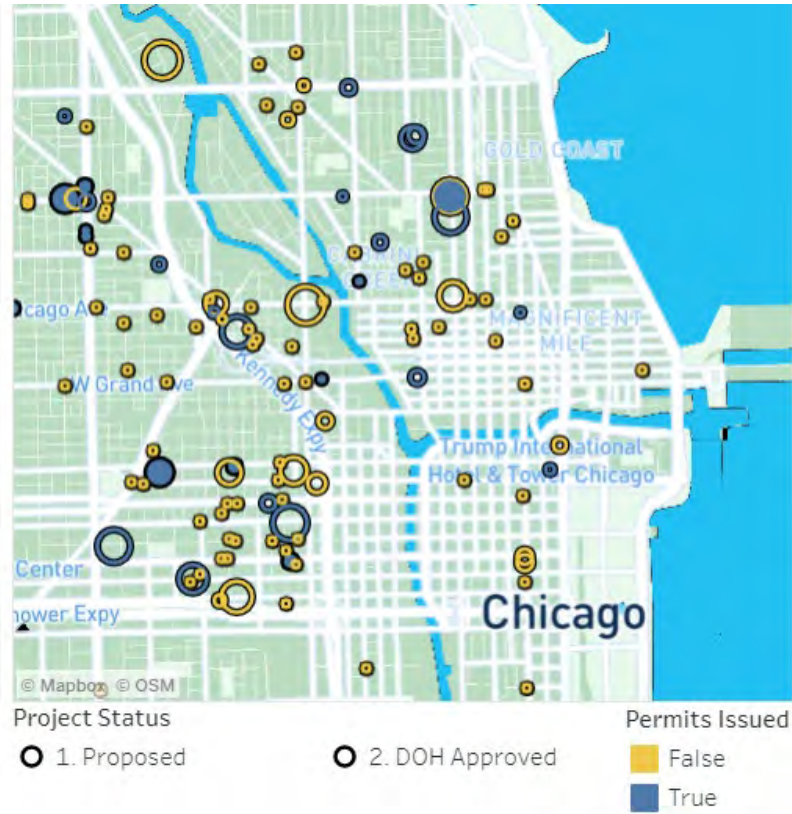


Chicago's North Branch Industrial Corridor

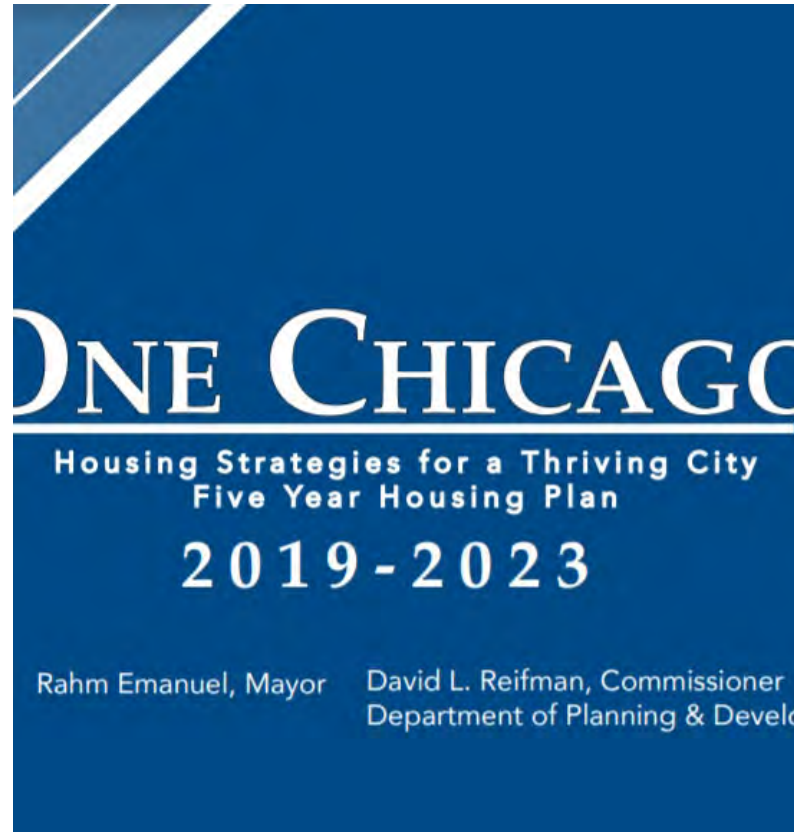


Planned development for the North Branch Industrial Corridor

Housing & Neighbourhoods



Affordable Requirements Ordinance Dashboard



One Chicago



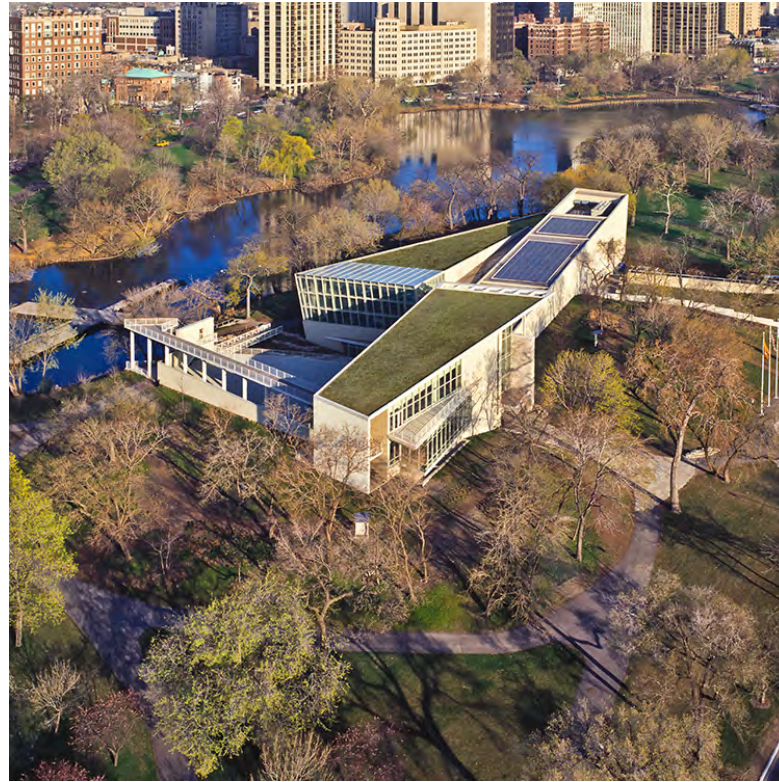
*Garfield Green**

**Outside of designated waterfront boundary*

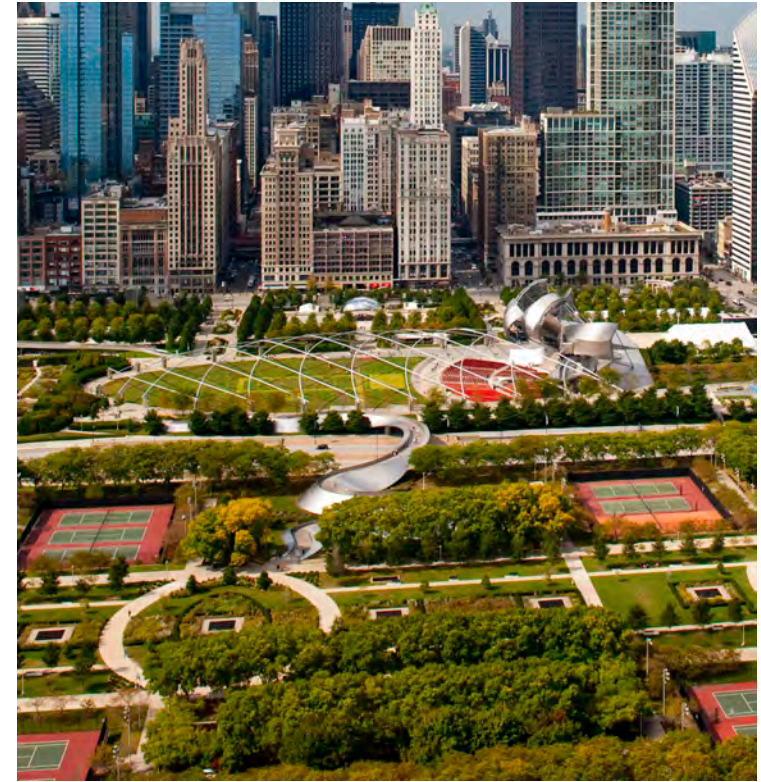
Eco District Tourism



C40 Reinventing Cities: Zero Carbon Development



Peggy Notebaert Nature Museum



Solar PV at Millennium Park

Indigenous

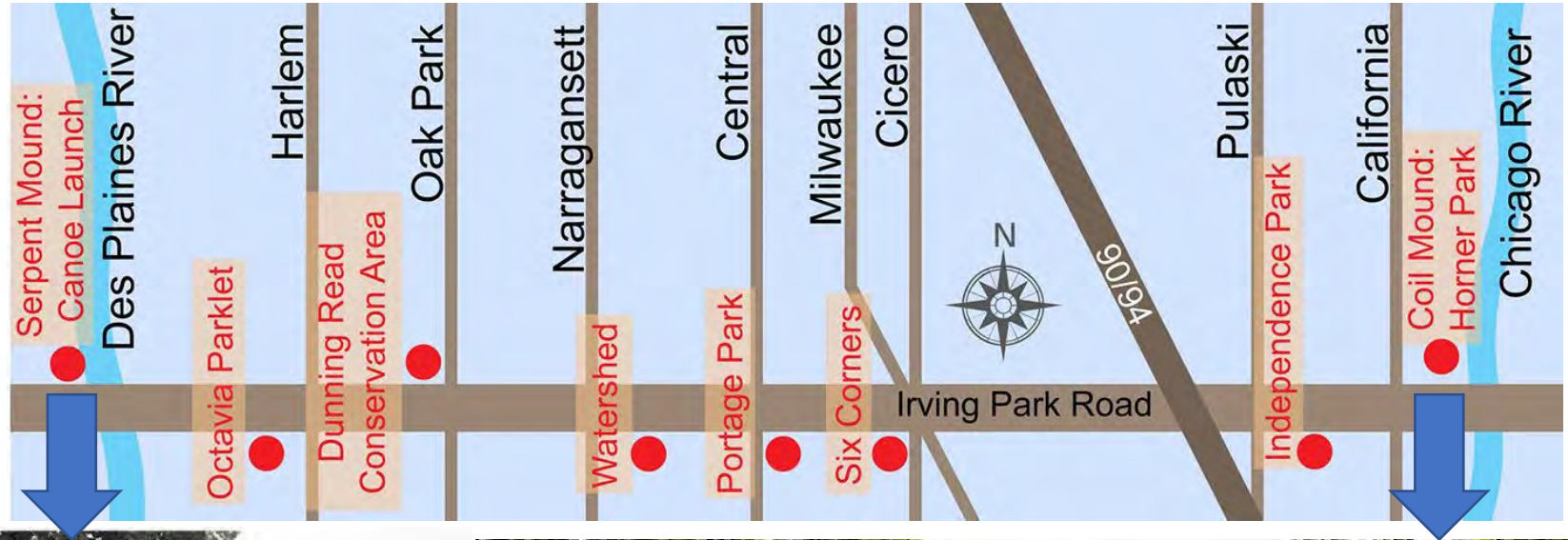
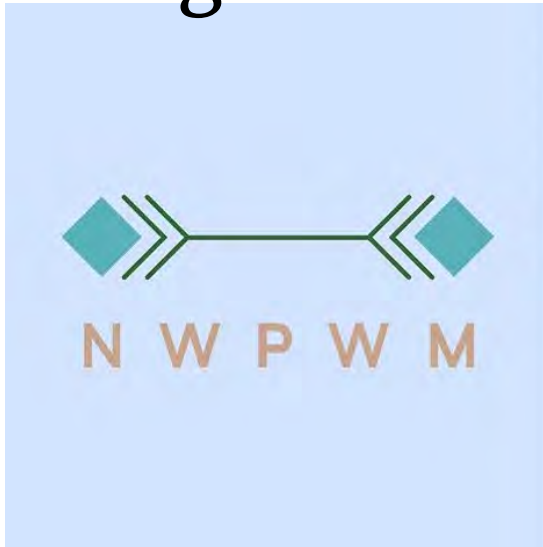


American Indian Center



Social Dance

Indigenous



Purpose	For information
Areas of note/ Key issues	<p>Port Lands Planning Framework and Villiers Island Precinct Plan includes two presentations:</p> <p>a) Port Lands Planning Framework (PLPF) outlines:</p> <ul style="list-style-type: none"> • Background, Study Area and Existing Uses • 12 Objectives • Land use including Mixed Use Residential; Light Industrial and Productions; Productions, Interactive and Creative (PIC); Port; Destination and Catalytic; and Port and Industrial • Affordable Housing, Parks & Open Spaces, Mobility and Sustainability • 11 Unique Districts <p>b) Villiers Island Precinct Plan outlines:</p> <ul style="list-style-type: none"> • Guiding Principles, Key Elements, Development Plan • Part of Clinton Climate Initiative • Climate Positive Precinct • Parks, Open Space, Heritage and Mobility
Next Steps	<p>Management will continue to:</p> <ul style="list-style-type: none"> • Implement the PLPF by participating with the City in the first phase of an upcoming Local Planning Appeal Tribunal hearing to resolve the resulting Official Plan Modification • Support the City in the creation of Urban Design Guidelines for the PIC Core district • Work with City staff on the next steps for implementing the Villiers Island Precinct Plan

May 27, 2020

Port Lands Planning Framework

Waterfront Toronto Board of Directors

Port Lands Planning Framework

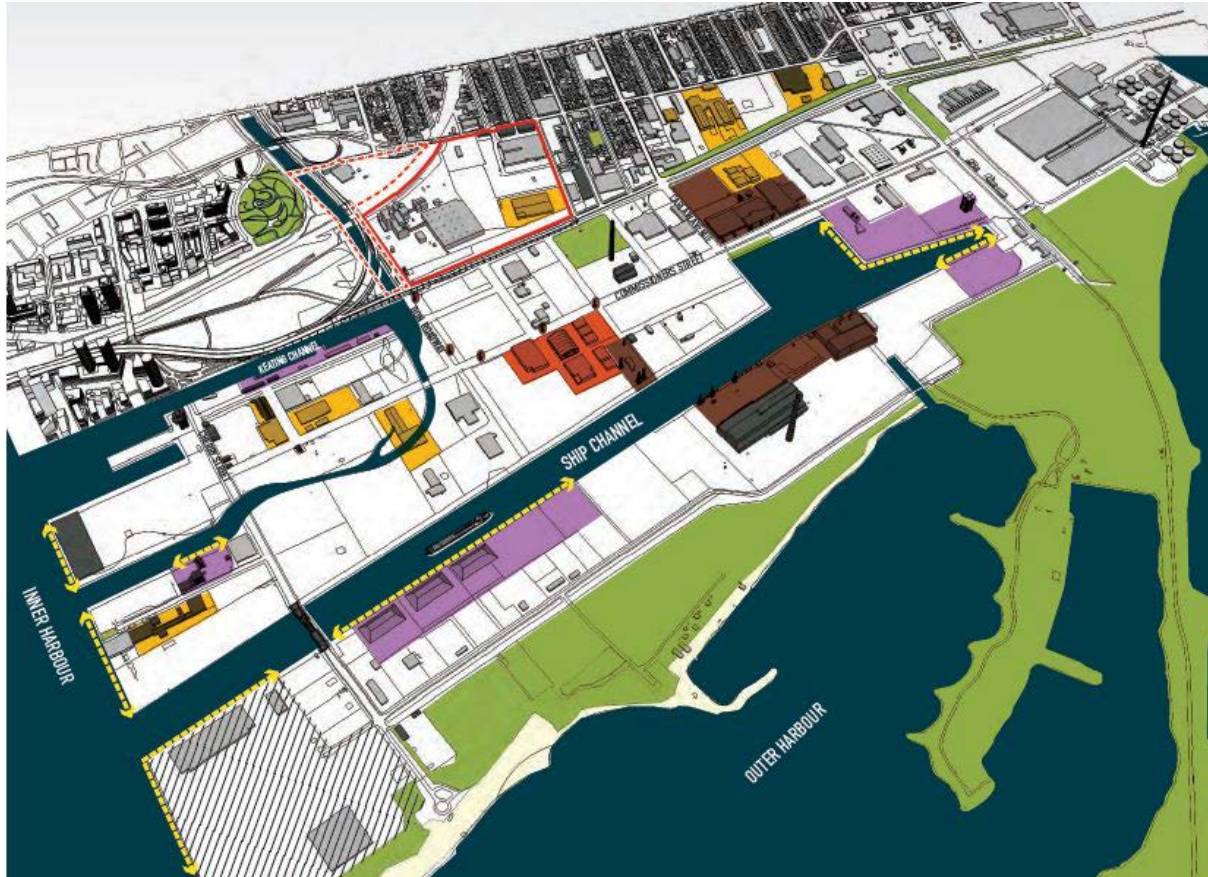


- Port Lands Planning Framework
 - Established to guide development over the next 50+ years
 - Developed in partnership with the City of Toronto
- Adopted by City Council in December 2017

Study Area



Existing Uses



- Heritage Buildings + Structures
- Active Port Uses
- Ports Toronto
- Active Port Edge
- Unilever Precinct
- Hydro Infrastructure
- Pinewood Secure Perimeter
- Film + Film Related
- Existing Parks + Open Spaces
- Unilever Precinct Area of Influence

12 Objectives

1. Ensure land use and associated development is diverse with beautifully designed buildings
2. Seed land uses to shape prosperity and increase Toronto's global competitiveness (production oriented, digitally-connected, innovative & diverse)
3. Optimize maritime industries and celebrate the authenticity of the working port
4. Create a dynamic and multi-functional public realm
5. Celebrate and leverage the unique history of the Port Lands
6. Stitch the Port Lands to the city
7. Create inclusive, social places with housing choice, rich amenity and activity
8. Embrace the wilds and provide access for wildlife
9. Ensure the transformation is globally significant
10. Ensure orderly development in lock-step with infrastructure improvements
11. Create destinations for Torontonians
12. Strategically consolidate and relocate existing uses



Land Use



- Mixed Use Residential*
- Productions, Interactive and Creative (PIC) - Mixed Use**
- Production, Interactive and Creative (PIC) - Core
- Light Industrial and Productions
- Port and Industrial
- Port
- Ports Toronto - Existing Use
- Destination / Catalytic
- Maritime Hub
- Major Public Parks and Open Spaces
- Natural Open Space and Don Greenway
- Water's Edge Promenade
- Future Water's Edge Promenade
- Future Naturalization
- Power

Port Lands Planning Framework: Land Use



MIXED USE RESIDENTIAL

- Live, work, shop and play in the same area
- Permit a broad range of uses - residential, offices, retail and services, institutional and recreational and cultural activities
- Minimum amount of non-residential would be required



LIGHT INDUSTRIAL AND PRODUCTIONS

- Permit a wide range of lighter industrial, **production studios** and related uses in single and/or multiple use buildings
- Provide synergies with the South of Eastern area
- Existing uses are able to continue their operations, but the area will transition over time to light industrial/production-related uses



PRODUCTIONS, INTERACTIVE AND CREATIVE (PIC)

- Permit a wide range of uses that support key economic sectors with active ground floor uses on key public street frontages
- Focus is on growing Toronto's **screen-based industries - film, television and digital media** - interactive, and arts and design activities. Two types of PIC areas:
 - **PIC Core** areas - reserved for desired uses and other compatible uses. Accommodates larger floor plates and more intense production activities
 - **PIC Mixed Use** areas require a minimum amount (30%) of PIC uses for residential permissions



PORT

- A full range of **port and maritime uses** permitted and encouraged - new marine terminals, container storage, ferry terminals, and ship building and repair.
- Lands adjacent to the dock wall optimized for port and maritime purposes and existing uses will be modernized over time with on-site power sources and attractive screening/structures.



DESTINATION AND CATALYTIC

- People drawing uses at a civic or community scale.
- Permitted uses could include event space, cultural centres, institutional organizations or community hubs
- **Maritime Hub** provides amenity for area workers and recreationists. Active, grade-related uses (e.g. restaurants, cafes) would be promoted.



PORT AND INDUSTRIAL

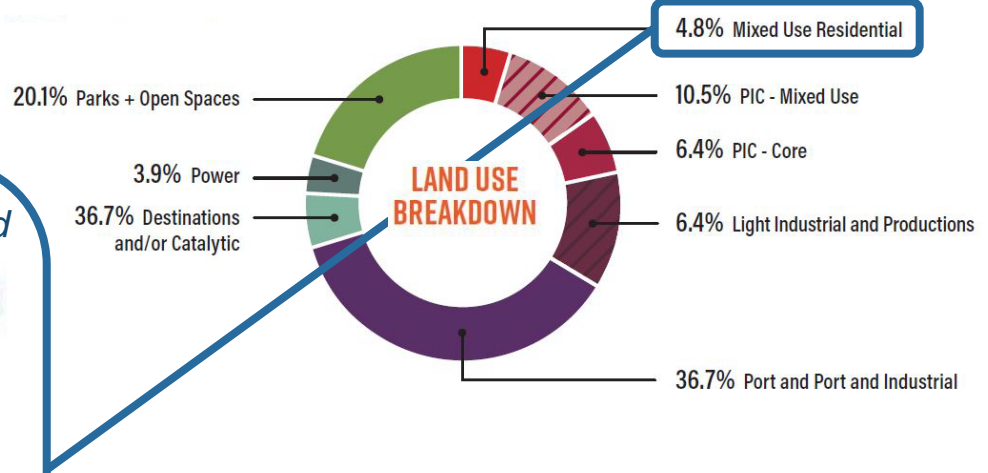
- Permit the full range of uses from Port areas
- Additional permissions for industrial uses like warehousing, medium-intensity manufacturing, concrete-batching with attractive screening and mitigation, and packaging and distribution.
- Desirable uses include green industries, relocation of public works yards to create opportunities elsewhere, and port-related industrial.

Affordable Housing

Affordable Housing in McCleary & Villiers Island



9,575 ESTIMATED HOUSING UNITS

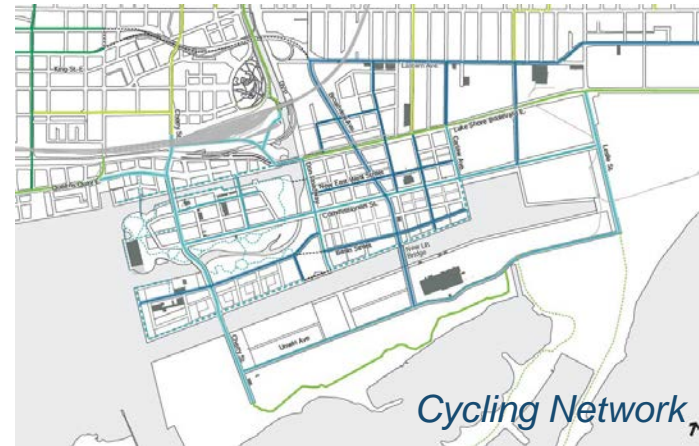
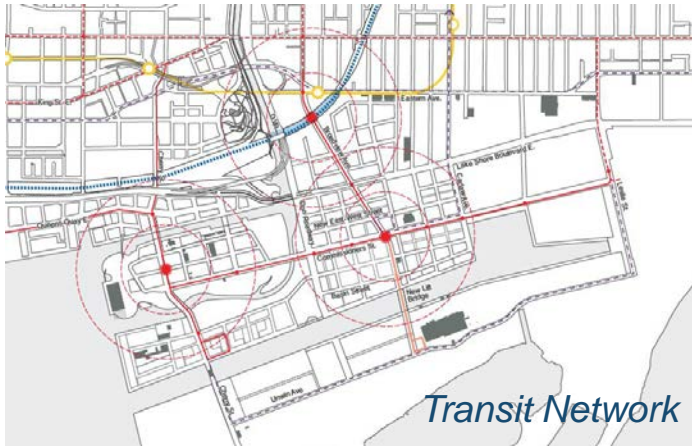
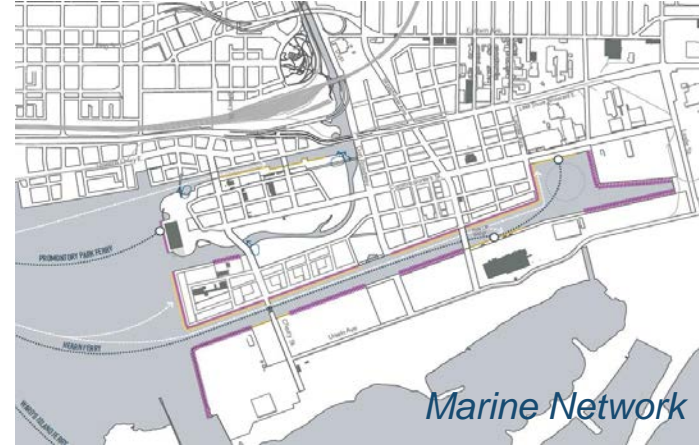
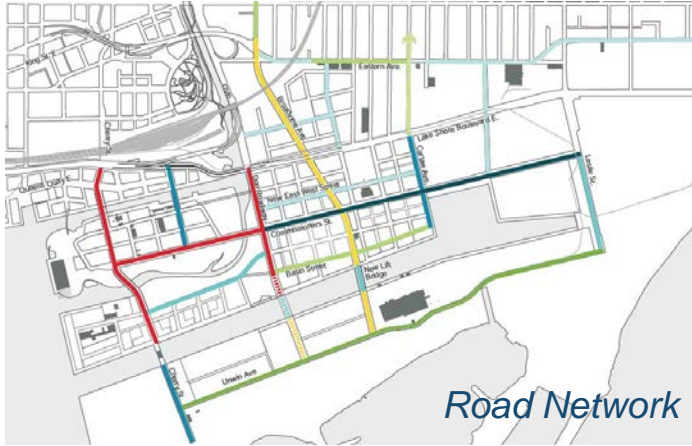


Parks & Open Spaces

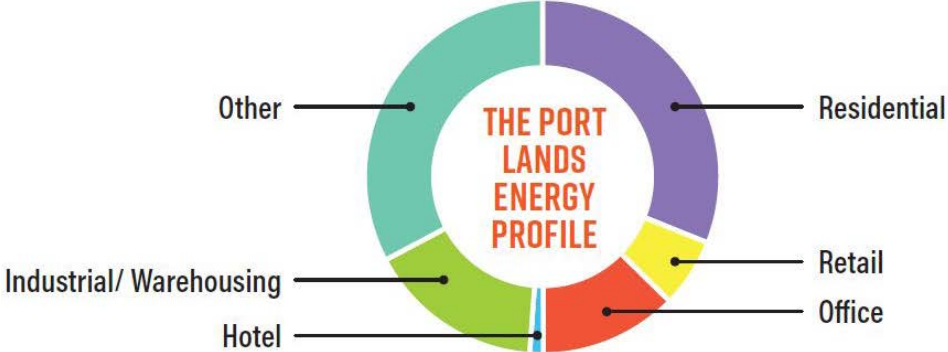


- Major Public Parks and Open Space
- Natural Open Space and Don Greenway
- Future Naturalization
- Parks and Open Spaces in Context Area
- Local Parks and Open Space*
- Public Promenade
- Future Public Promenade
- Publicly Accessible Open Spaces (POPs)*
- Linear Green within ROW
- Hydro

Mobility



Sustainability



11 Unique Districts



LOWER DON LANDS

- 1 Villiers Island
- 2 Polson Quay
- 3 South River

FILM STUDIO DISTRICT

- 4 McCleary District
- 5 Media City
- 6 Turning Basin District

EAST PORT

- 7 Warehouse District
- 8 East Port

SOUTH SHIP CHANNEL

- 9 South Port East
- 10 South Port
- 11 Ports Toronto Marine Terminals



a waterfront for everyone



May 27, 2020

Villiers Island Precinct Plan

Waterfront Toronto Board of Directors

Part of the Clinton Climate Initiative



Villiers Island Precinct Plan



Precinct Plan

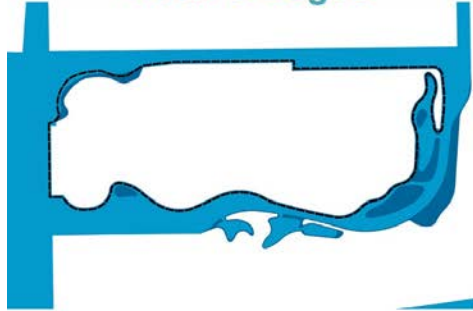


Guiding Principles

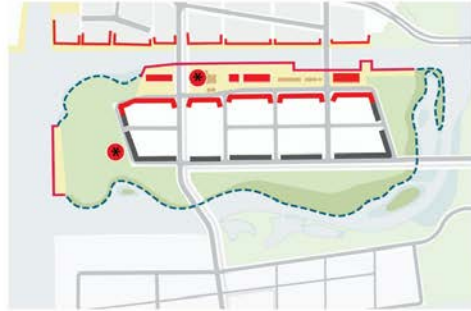


Key Elements

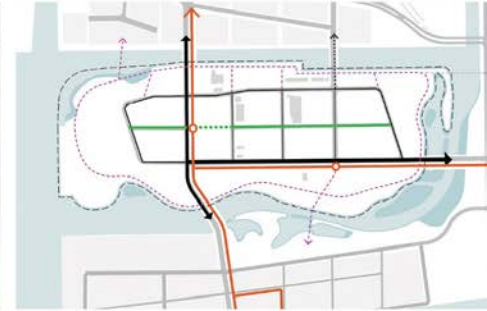
An Island with Varied Water's Edges



A Central Living Room



A Connected Island



A Complete Island



A Destination Island



An Island with History



Development Plan

 4,865 units

 8,200-10,700 people

 2,900 jobs

 11.2 ha of parkland

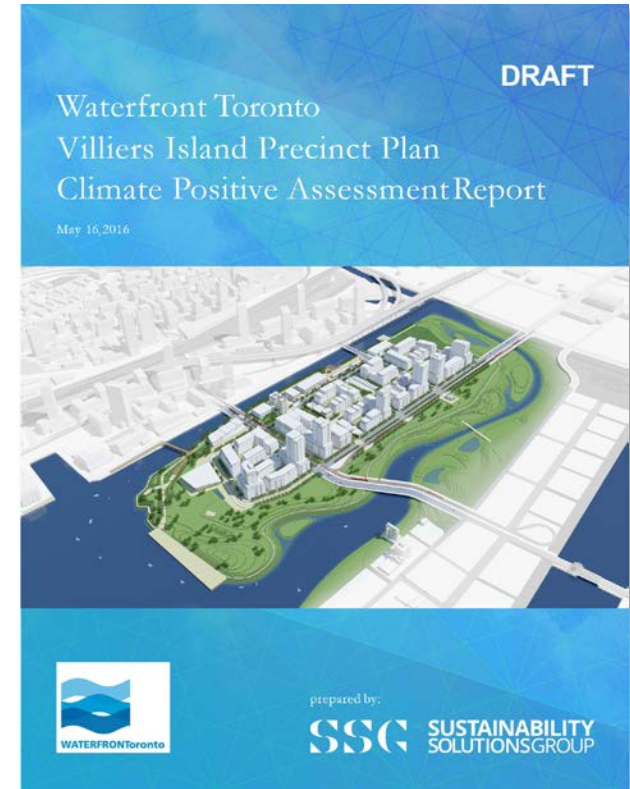
 3km of waterfront access



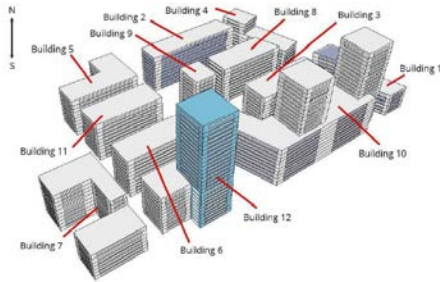
Villiers Island: A Climate Positive Precinct

The Villiers Island Climate Positive Assessment identified six major neighbourhood design recommendations:

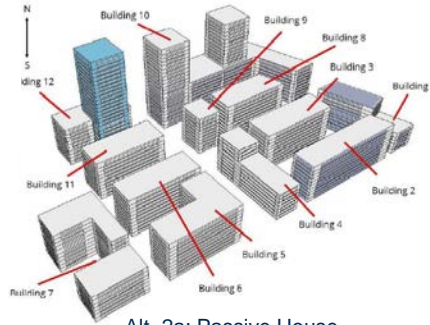
- Design to passive house standards
- Optimize the urban form for energy harvesting
- Maximize solar photovoltaic (PV) capacity
- Meet remaining energy demand with district energy
- Reduce car travel and explore limiting non-electric vehicles
- Design with the 'climate positive' goal in mind



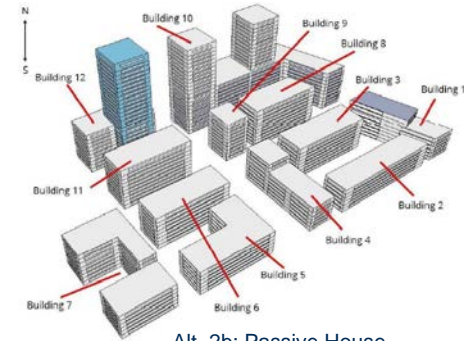
Solar Modeling to Optimize Built Form



Alt. 1: Passive House Only
(Towers South)



Alt. 2a: Passive House,
Towers North

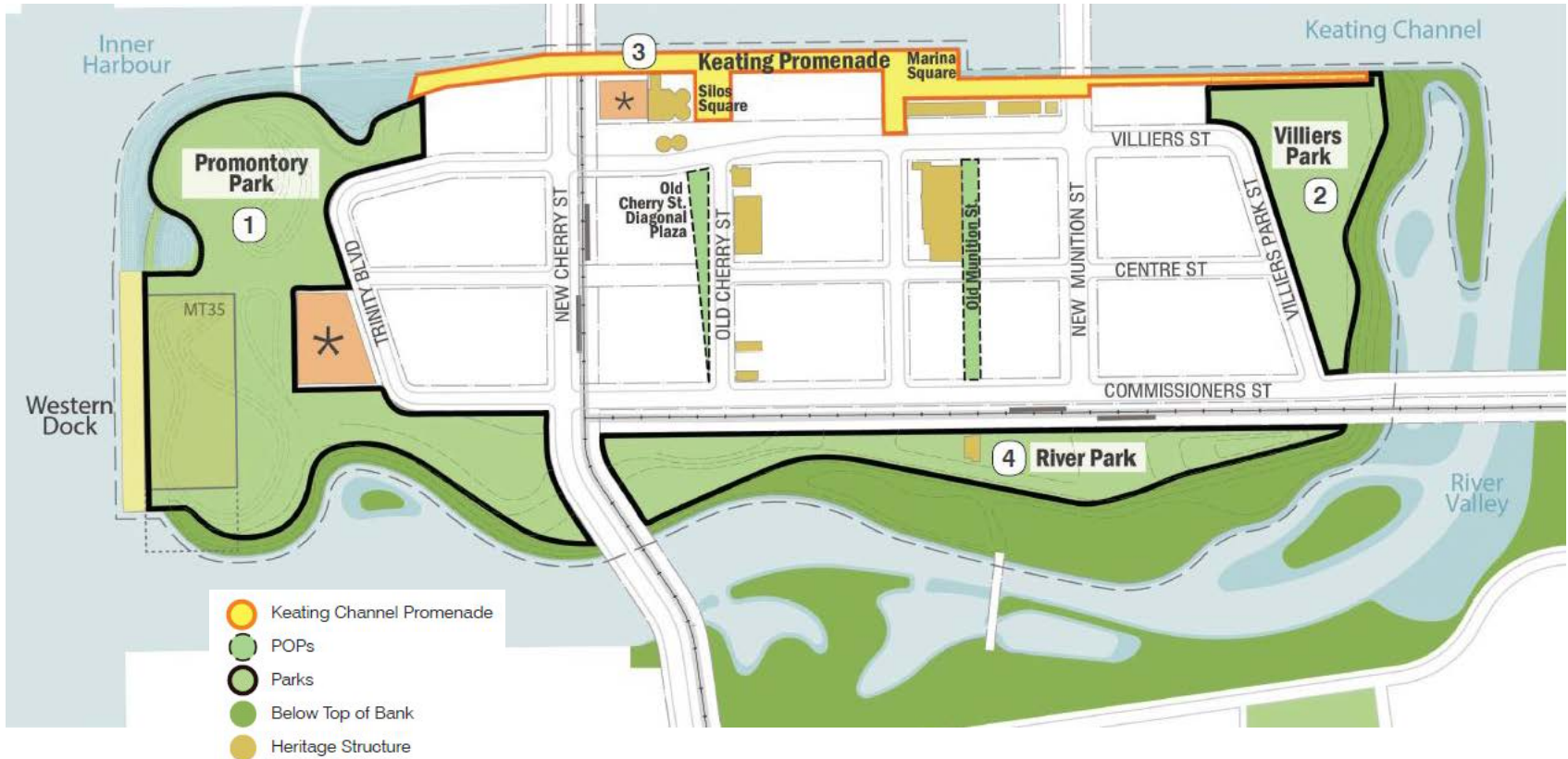


Alt. 2b: Passive House,
Towers North, Bases Stepped

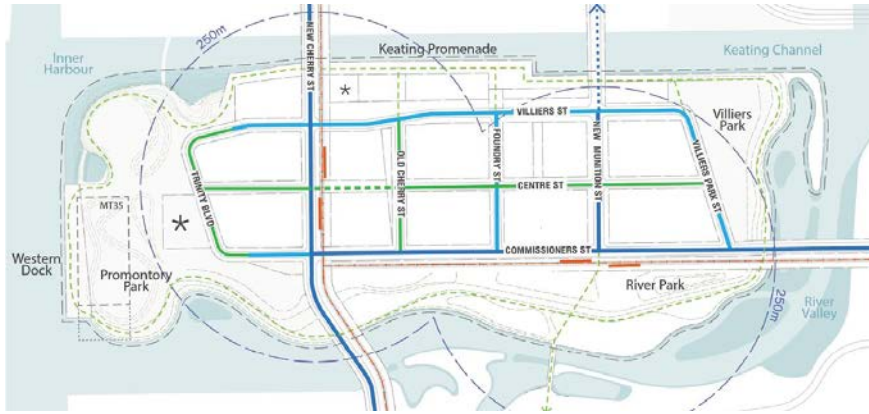
Half-Island	Original	alt. 1	alt. 2a	alt. 2b
Base Plan	Nov. 2015	Nov. 2015	Nov. 2015m	Nov. 2015m
Parameters	MGBR	PH	PH, TN	PH, TN, BS
Heating demand (KWH/YR)	3,627,493	20,397	17,662	15,458
Heating EUI (KWH/M2/YR)	18.13	0.102	0.088	0.083
Residential Unit Equivalent			308	417

Source: Villers Island Climate Positive Assessment Report – SSG, 2016

Parks, Open Space & Heritage

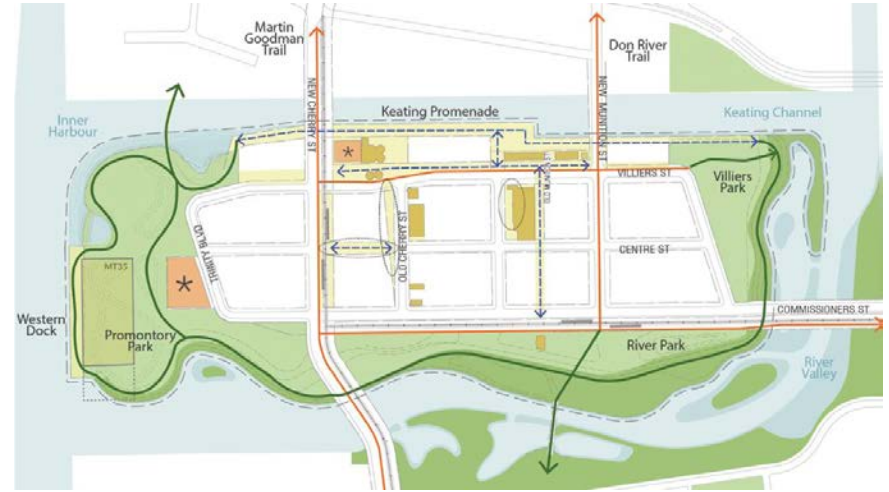


Mobility



Road Network

- Streetcar Route and Platforms 
- Major Streets 
- Local Streets 
- Shared Streets/Mews 
- Pedestrian Only Street 
- Trails 



Pedestrian, Cycling & Trail Network

-  Dedicated Cycling Route
-  Park Trails
-  Small-scale Plaza
-  Pedestrian Only







a waterfront for everyone





ON MOTION duly made by [●] and seconded by [●] and carried, it was **RESOLVED** that the Minutes of the Closed Session of the Board of Directors meetings held on March 26, 2020 and May 8, 2020 be approved, as tabled.