

### Welcome to the PIC Core Urban Design Guidelines Virtual Community Meeting

The virtual meeting will Start at 6:30 pm. This meeting will be recorded and **posted on the Project's website** 

Your camera is turned off and all attendees are muted.

### Joining by Computer or Tablet

- At any point during the presentation or Q & A session, you can submit a question using the Q & A panel.
- 2. Type question in the text box and click "enter' to send.
- 3. Tap the raise your hand button on your screen to ask a question verbally during the Q & A session.

Contact radamson@lura.ca for chat room access difficulties.

### Joining by Telephone

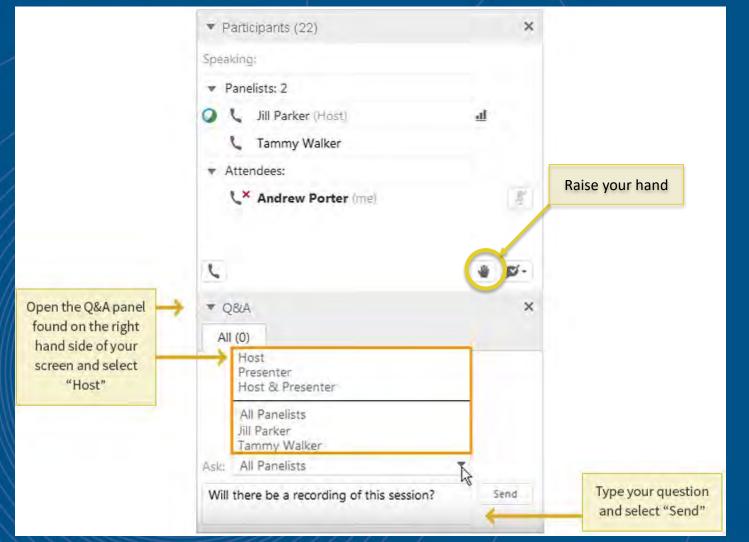
- 1. Dial into the WebEx Event, using the phonein number
- 2. To ask a question during the Q & A session, raise your hand by entering \*3
- 3. After asking your question, please lower your hand by entering \*3.







#### 



Contact radamson@lura.ca for chat room access difficulties.









## PIC Core Urban Design Guidelines Virtual Community Consultation Meeting #2





Liz McHardy, Partner LURA Consulting September 22, 2020





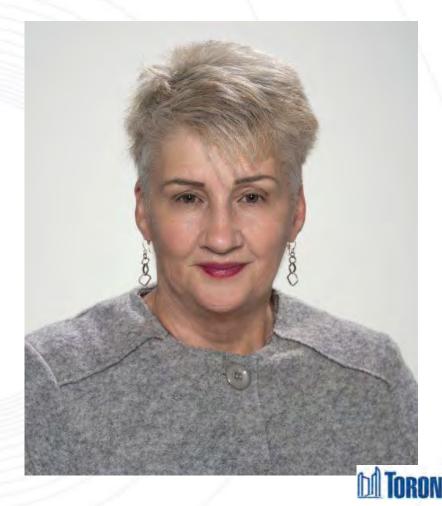
## Land Acknowledgement

"We acknowledge the land we are meeting on is the traditional territory of many nations including the Mississaugas of the Credit, the Anishnabeg, the Chippewa, the Haudenosaunee and the Wendat peoples and is now home to many diverse First Nations, Inuit and Métis peoples. We also acknowledge that Toronto is covered by Treaty 13 with the Mississaugas of the Credit."



## **Opening Remarks**

Paula Fletcher, City of Toronto Councillor Ward 14 Toronto-Danforth





## Purpose and Agenda

#### Purpose

- Present the direction of the guidelines
- Hear comments from the community to inform development and refinement of draft urban design guidelines

### Agenda

- 6:30 pm Settling in (Liz McHardy, LURA)
- 6:35 pm Land Acknowledgement (Councillor Fletcher, Ward 14)
- 6:40 pm Opening Remarks (Councillor Paula Fletcher, Ward 14)
- 6:45 pm Introductions and Agenda (Liz McHardy, LURA)
- 6:50 pm Presentations:
  - o Introduction + Background (Anthony Kittel, Community Planning)
  - o Context, Public Realm, Interfaces, Frontages (joe Lobko, DTAH)
  - o Built Form, Sustainability + Stormwater (Deanne Mighton, Urban Design)
- 7:30 pm Facilitated Discussion (Moderated by Liz McHardy, LURA)
- 8: 25 pm Next Steps (Liz McHardy, LURA)



## Project Team

### City of Toronto

- Anthony Kittel, Project Manager
- Colin Wolfe, Community Planner
- Deanne Mighton, Senior Urban Designer
- Vanathy Ganesharajah, Urban Designer
- Trevor Greenman, Senior Transportation Planner
- Heather McDonnell, Transportation Planner
- Nigel Tahair, Program Manager, Transportation Planning
- Magali Simard, Film Office

### CreateTO

- Hon Lu, Director
- DTAH (urban design)
- Joe Lobko
- Rene Biberstein

### Waterfront Toronto

- Jed Kilbourn, Director, Development
- Josh Hilburt, Planner
- Caroline Kim, Senior Urban Designer

### LURA (consultation)

- Liz McHardy, Host/Facilitator
- Ryan Adamson
- James Knott





## Port Lands 101







## The Port Lands Today

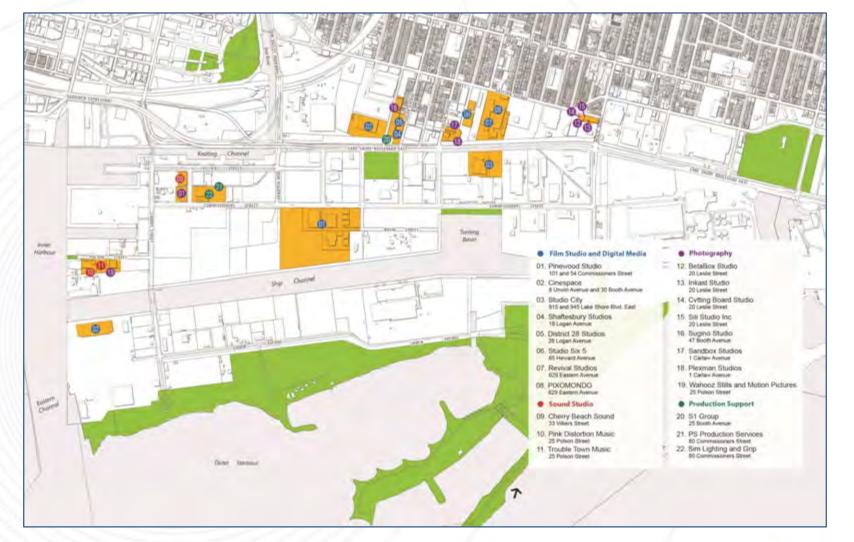
STH

OMMISSIONE





## Existing Screen-based and Creative Clusters





## Port Lands Planning Framework

Adopted by City Council on December 8, 2017 as the 50-year vision of the revitalization of the Port Lands, with a number of Districts and land use typologies that create unique mix of employmentfocused districts and mixed use precincts. The Framework addresses land use, transportation, infrastructure, community facilities, parks, biodiversity, built form and sustainability. The Planning Framework envisions:

New Mixed Use Communities

- Four emerging mixed-use residential communities
- Up to 30,000 new residents

A Film-Friendly Future

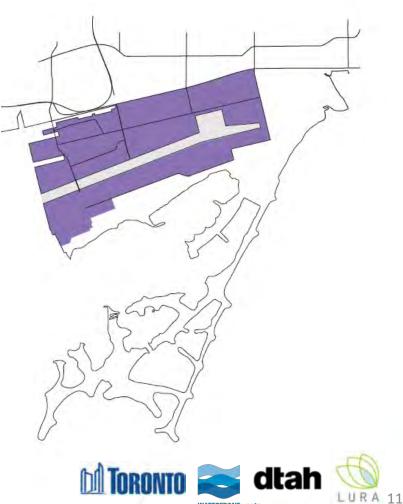
- Diverse range of film activities accommodated
- Flexibility and adaptability for a changing industry

Industry + Port Thrives

 Sufficient lands to support industrial, port and Cityservicing uses

Growing and Sustaining Our Economy

- Diverse opportunities
- Intensification of employment uses over time to support 25-30,000 employees





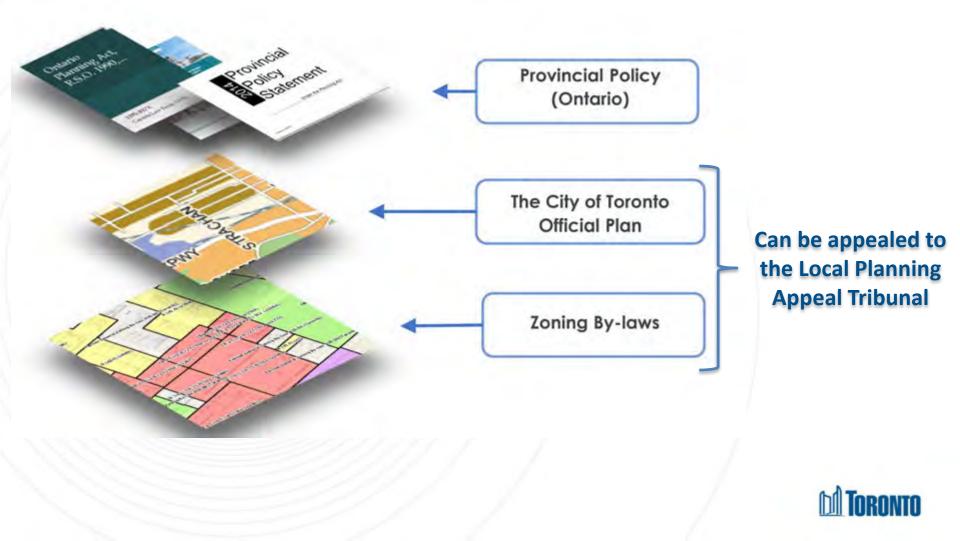
## What are Urban Design Guidelines?



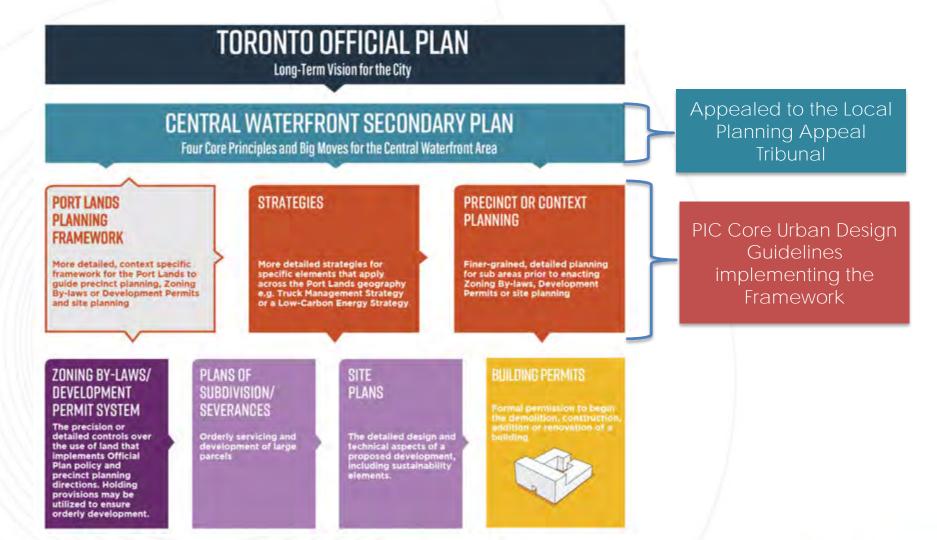




### Layers of Planning Law and Policy



## Port Lands Planning Framework Implementation







## Urban Design Guidelines – Implementing Policy

- Complement and support the City's urban design policies within the Official Plan by providing more specific design direction
- Create consistent urban design guidance to be used when developing proposals for sites, buildings, streets and public realm
- Provide a *practical and flexible* design tool for assessing proposals for new development and redevelopment in the City



#### General and City-Wide

These guidelines cover very general urban design matters such as streetscape design, public safety, accessibility and general design principles.

#### **Building Typology Guidelines**

 These guidelines are specific to the range of built-form typologies that can be found across the city, and provide design direction for built-form proposals.

#### Area & Site Specific

 These guidelines are for specific areas of the city and provide design direction that addresses local context and requirements.



## What goes into a proposal recommendation?







## PIC Core Urban Design Guidelines – An Overview









# Production, Interactive and Creative (PIC) Urban Design Guidelines

DTAH has been retained to assist the City in developing Urban Design Guidelines. The PIC Core Urban Design Guidelines are will include enhanced direction on:

Built Form

- The types and height of buildings
- How developments are organized
- More urban, dense developments

#### Public Realm

- Public realm and streetscape design
- Landscaping and screening
- Designing engaging and attractive
  employment-focused districts
- Developing an identity that celebrates film, media and creative industries

Streets and Blocks

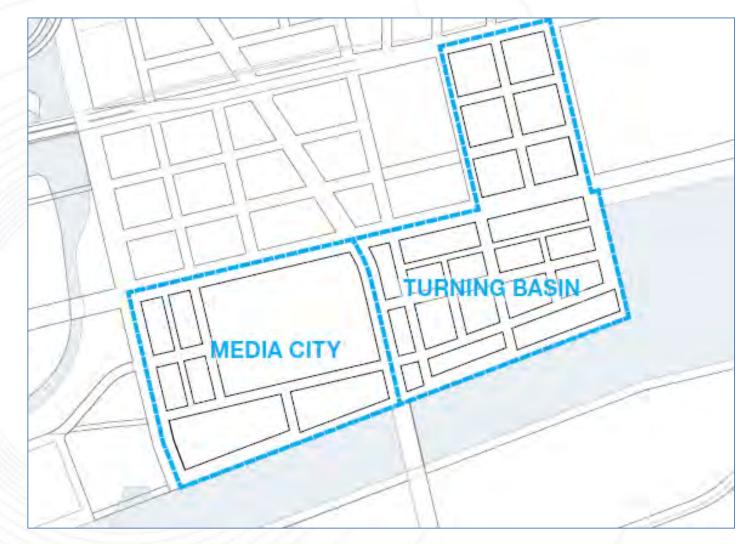
- Street and block pattern that can evolve into a finer-grain urban fabric
- On-street and off-street parking
- Designing Film-Friendly Local Streets

Sustainability and Stormwater

- Planning for buildings that last and can be reused
- Sustainable and climate positive development



## Study Area





### PIC Core UDG Process



- PIC Core Urban design Guidelines Study will focus on the development of urban design guidelines and implementing zoning by-laws.
- The planning process is divided into three phases





## Draft Design Principles







## Urban Design Principles (Draft)



Good Neighbour - development must carefully consider both existing and future relationships with surrounding properties and the public realm



Innovative Employment Opportunities – a diversity of innovative and creative industries should be able to find a home in PIC Core districts



Corridors to the Water - public connections to the waterfront should be provided where opportunities exist



Film-Friendly Districts – incorporate design elements that support and encourage film, media and creative uses



## Urban Design Principles (Draft)

Robust Urban Fabric – protecting for a fine-grain street and block pattern as the Port Lands evolves over time



Placemaking – unique sense of place and identity based on landmarks, film and media industries, and the emerging blue and green network



Connectivity – create an integrated and interconnected Port Lands and PIC Core public realm system



Future Forward – create resilient future forward and climate positive modern creative employment districts





## PIC Core Physical Context







## PIC Core in Context



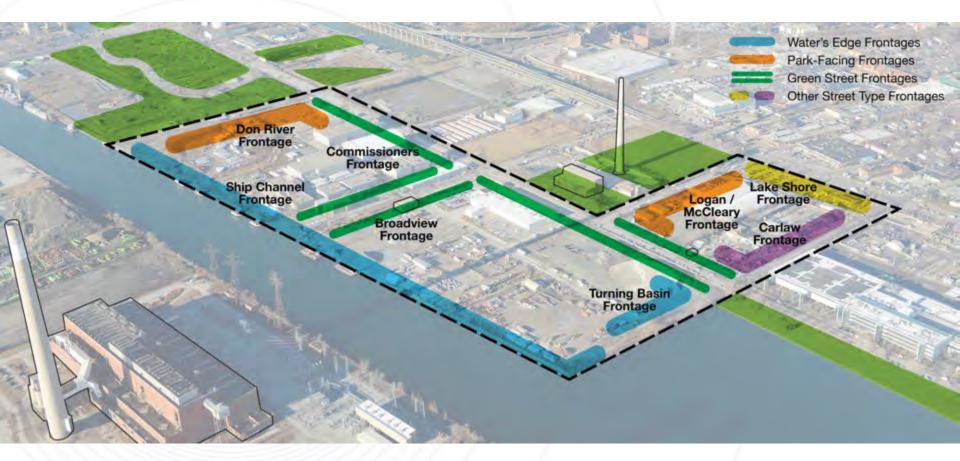


## Existing Elements



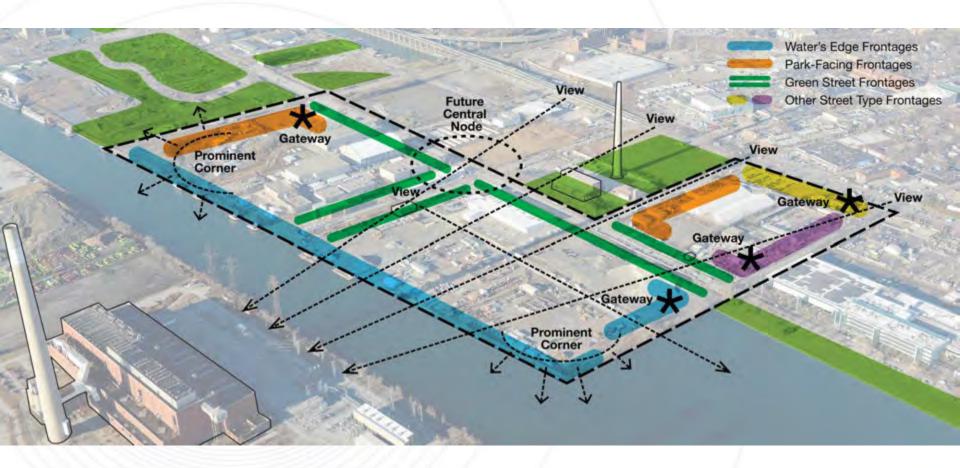


## Edges



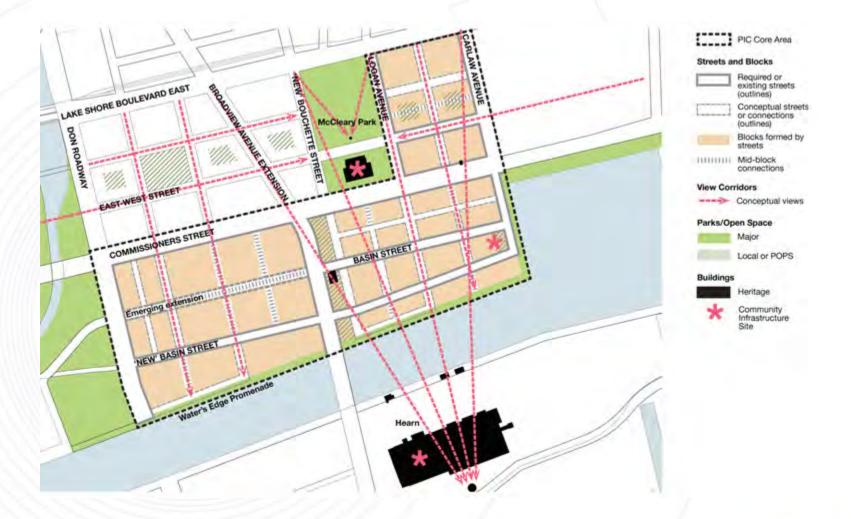


## Other Features





### Port Lands Planning Framework





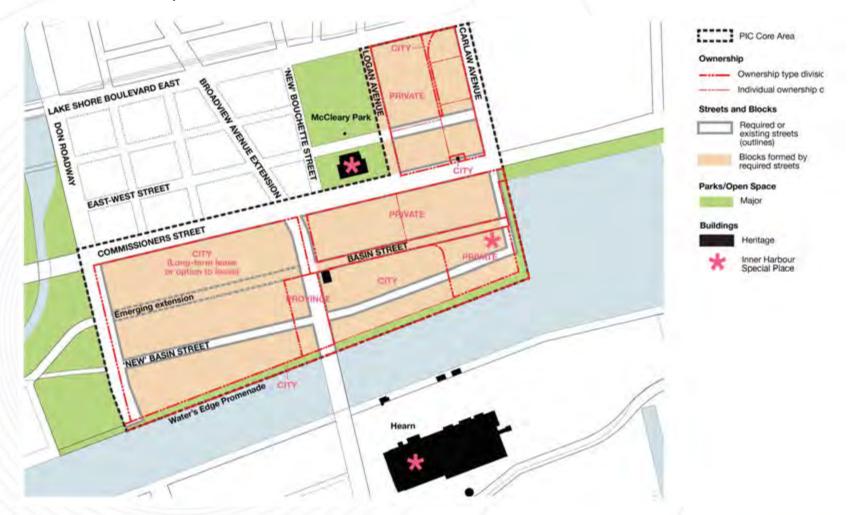
### Port Lands Official Plan Modification







### Ownership





## **Existing Buildings**



Pinewood Offices (Quadrangle)



Mayfair Club



Pinewood Mega Studio (Alsop)



FedEx Building



Sun Oil Building (heritage)



**Buildings on Carlaw** 



Gas station



Former Toronto Hydro building (heritage)





## PIC Core Public Realm







## Public Realm Vision

### Focus is on Edges

- PIC Core area has many edges, which are the primary opportunity for public realm improvement
- The guidelines will build upon the design work completed for Don Roadway, Commissioners Street and the Broadview Extension
- o Other edges will take on their own individual characters

### A New Kind of Water's Edge Promenade

- The Water's Edge Promenade is the only major public park planned within the area, and will connect to the wider trail system
- Smaller parks will be established through precinct planning, design guidelines and context plans
- The long term vision calls for an urban edge, in the short to medium term it may have a more natural and industrial character, with the accommodation of ongoing shipping needs



Promontory Park rendering, Toronto

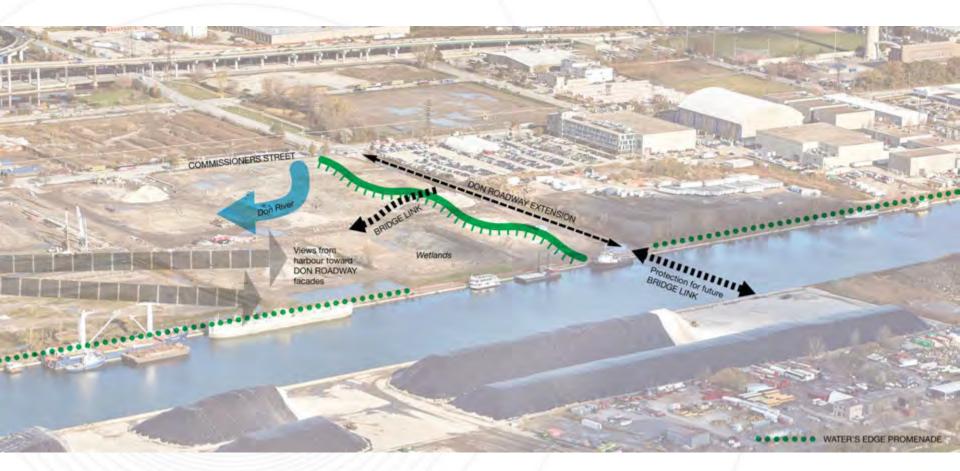


Yarra River, Melbourne, Australia



## Don River Frontage







### Don River Frontage View from the Inner Harbour





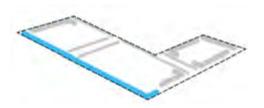






Conceptual renderings with and without waterfront street, Port Lands Planning Framework (facing east).





- Opportunity to frame the Shipping Channel with active uses
- Interface between PIC Core uses (such as film studios) and the public realm
- Generous planting areas, creating wildlife habitat and managing stormwater
- Multi-use trail, connecting parks and open spaces
- In some cases, access roads may run between building facades and the water's edge promenade





ocklands, Dublin, Ireland



Center for Urban Waters, Tacoma, USA

Trondheim, Norway



Aker Brygge, Oslo, Norway





- Major edge, and opportunity for a new waterfront public space
- Long-term vision is an urban promenade, similar to East Bayfront
- In the short to medium-term, however, it may operate more like a recreational trail
- Shipping Channel dockwall will continue to be used for ship moorage



resqu'ile Rollet Park, Rouen, France



West Toronto Railpath



South Waterfront Greenway, Portland, USA



Wickney Canal, London, UK



# Turning Basin Frontage







# Don River Frontage





Conceptual rendering, Port Lands Planning Framework (facing south)



## Don River Frontage Potential Built Form Frontage



- Buildings will be visible from a great distance, forming a clear urban edge or skyline
- Facades will be sunlit for much of the day
- Opportunity to extend greening of naturalization of river up the sides of buildings





Lovejoy Wharf, Boston, USA



The Reflector, Dublin, Ireland



Acros Prefectural International Hall, Fukuoka, Japan





## Don River Frontage Potential Landscape Precedents



o Frontage onto a major new public space, achieving expansive views



King's Cross, London, UK



South Waterfront Greenway, Portland, USA



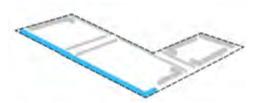
River Valley Promenade, Calgary

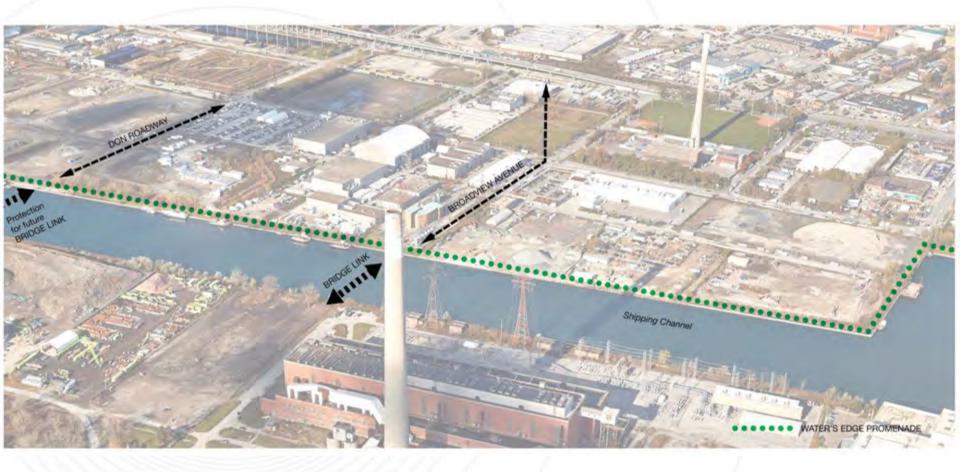


Manhattan Waterfront Greenway, New York, USA



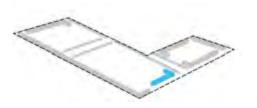








## Turning Basin Frontage Potential Built Form Frontage





Conceptual rendering, Port Lands Planning Framework (facing south along Carlaw extension)



## Turning Basin Frontage Potential Built Form Frontage

- Similar to Shipping Channel frontage, but will incorporate an extension of Carlaw Avenue
- Unique views of the Turning Basin and existing linear green space on Commissioners Street



achine Canal, Montreal



Malmö, Sweden



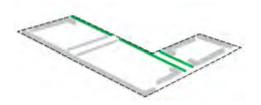
TBWA Office, Amsterdam, Netherlands

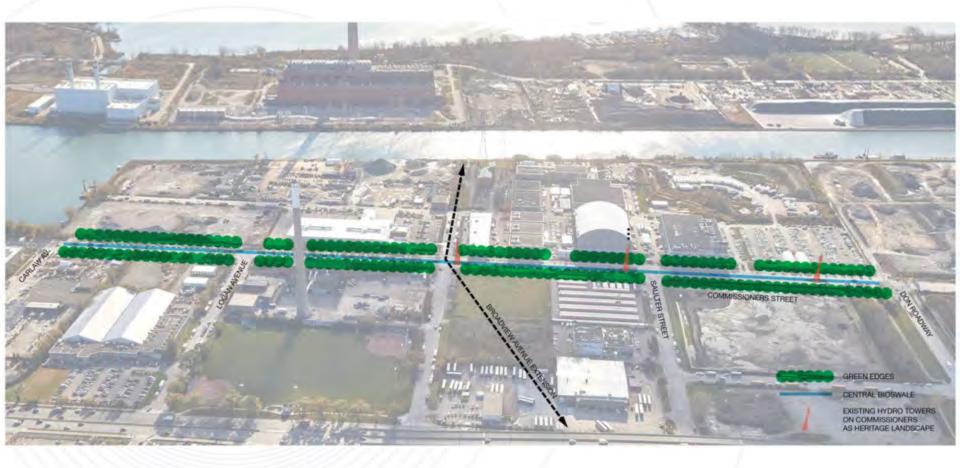


Hanover Dock, Dublin, Ireland



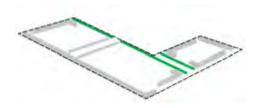
## Commissioners Street Frontage Potential Built Form Frontage







## Commissioners Street Frontage Potential Built Form Frontage





Conceptual rendering. Port Lands Planning Framework (between Don Roadway and Broadview extension, facing east).



## Commissioners Street Frontage Potential Built Form Frontage

- o PIC Core's primary spine
- Long term vision includes streetcars in designated right-of-way
- o Green character, with treed boulevards
- Major frontage of Pinewood studios
- Opportunity to use landscape, building materials and articulation to add interest to pedestrian experience
- Priority activation frontage and site of major nodes

PERSONAL PROPERTY AND INCOME.

Broad Art Foundation, Los Angeles, USA

Pixar Studios, San Francisco, USA

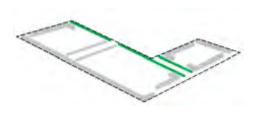






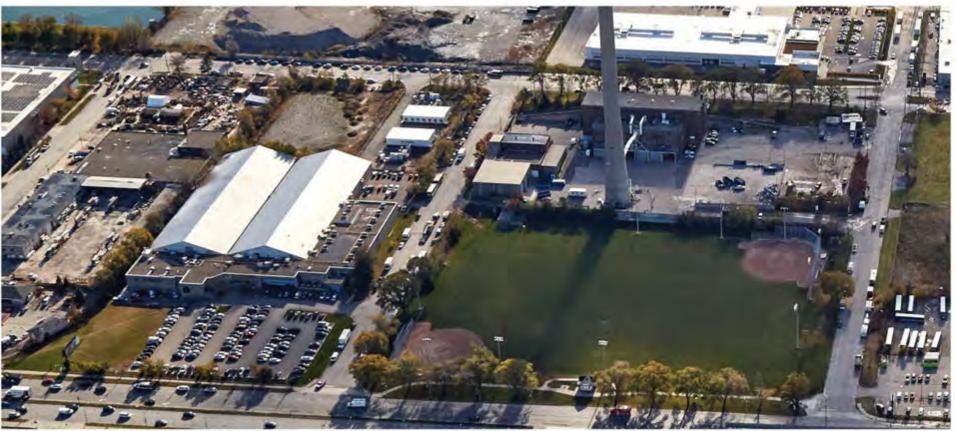
Cafe, Liberty Village, Toronto





## Logan/McCleary Park Frontage Potential Built Form Frontage

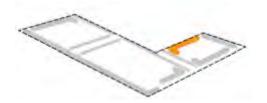




Existing condition (2019)



## Logan/McCleary Park Frontage Potential Built Form Frontage





Conceptual renderings of Logan (facing south) and an expanded and revitalized McCleary Park (facing northwest), Port Lands Planning Framework



## Logan/McCleary Park Frontage Potential Built Form Frontage



- McCleary Park to be expanded to include Transfer Station as community hub
- Opportunity for larger, more active buildings that frame the park edge, similar to Don Roadway frontage
- Porosity of frontage could provide entrances into courtyards and other spaces within the block



Vission Bay, San Francisco, USA



SA Water Company Offices, Adelaide, Australia

Chodov Park, Prague, Czechia





## Lake Shore Frontage





Existing condition (2019)



## Lake Shore Frontage Potential Built Form Frontage

- o Part of larger reconsideration of Lake Shore's character, prompted by major redevelopment in other areas
- Broad width of Lake Shore 0 provides opportunity for large buildings, but also substantial greening
- Corner of Lake Shore and Carlaw may eventually become major gateway
- o Porosity of frontage could provide entrances into courtyards and other spaces within the block





Proposed GM Campus (north side of Lake Shore), Toronto



Data1 Offices, Seattle, USA





## Carlaw Frontage





Existing condition (2019)

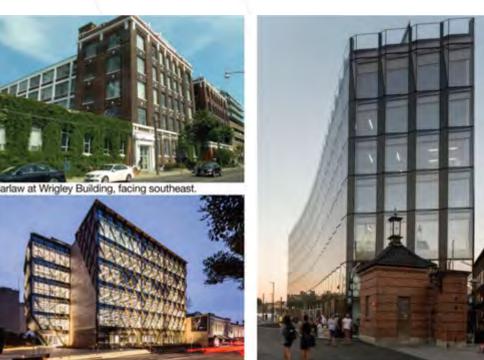


## Carlaw Frontage Potential Built Form Frontage

 Opportunity to urbanize Carlaw with active uses, similar to segments north which were characterized by large industrial buildings.

- Corner of Lake Shore and Carlaw may eventually become major gateway.
- Important to achieve porosity and connectivity between Carlaw Avenue and McCleary Park, using local streets and mid-block connections.





Barwon Water Building, Geelong, Australia

Stranden1, Oslo, Norway





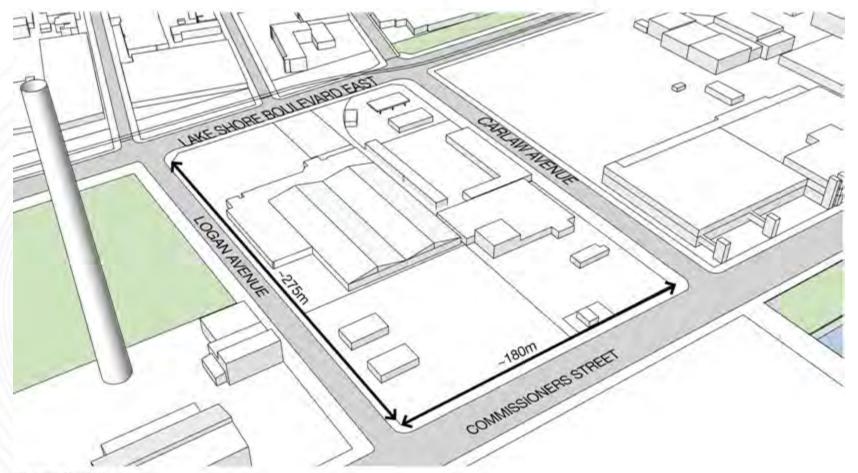
# PIC Core Interfaces and Transitions







### Demonstration Scenario: Existing Conditions Potential Northeast Quadrant Evolution

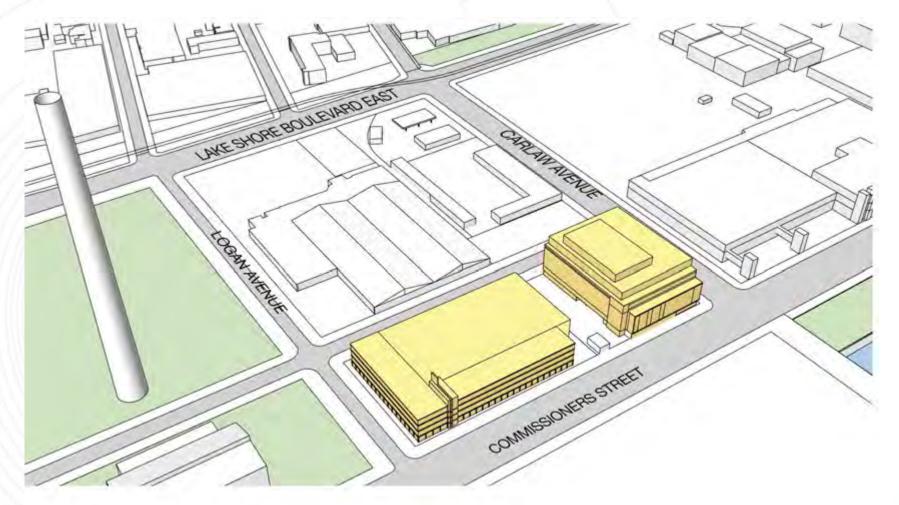


**Existing Condition** 



# Demonstration Scenario: Phase 1

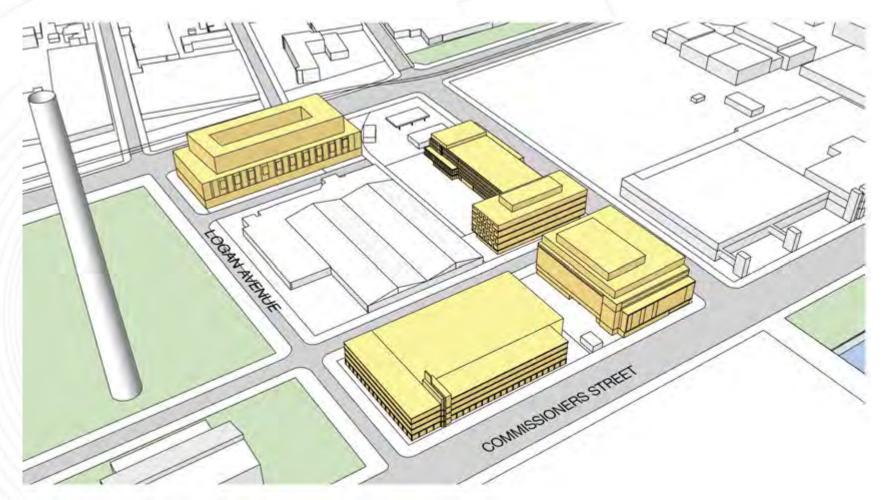
#### Potential Northeast Quadrant Evolution





# Demonstration Scenario: Phase 2

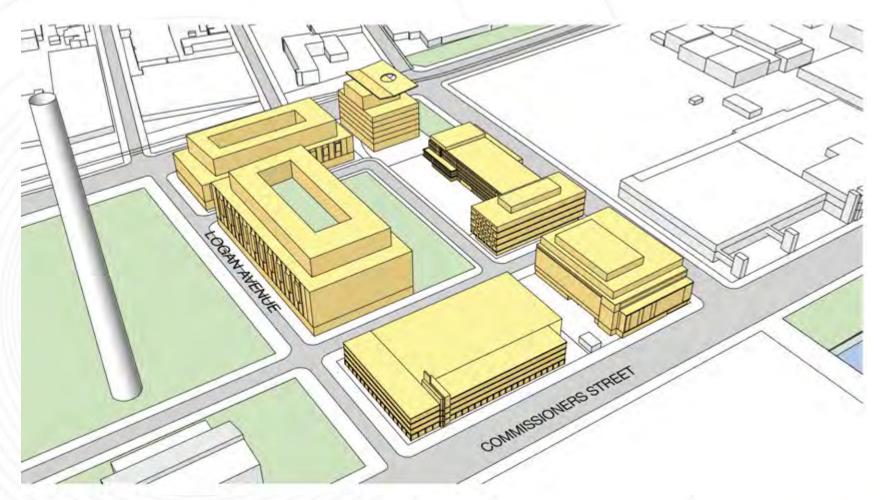
#### Potential Northeast Quadrant Evolution





# Demonstration Scenario: Phase 3

Potential Northeast Quadrant Evolution







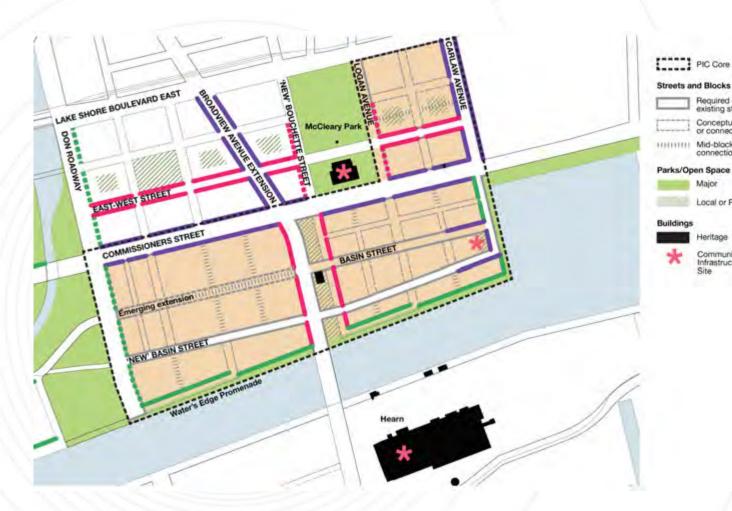
# PIC Core Front, Animation and Retail

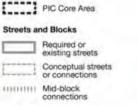






### Active Frontages: Policy Port Lands Official Plan Modification





Major

Local or POPS

Heritage

Community Infrastructure Site



Active Water's Edge



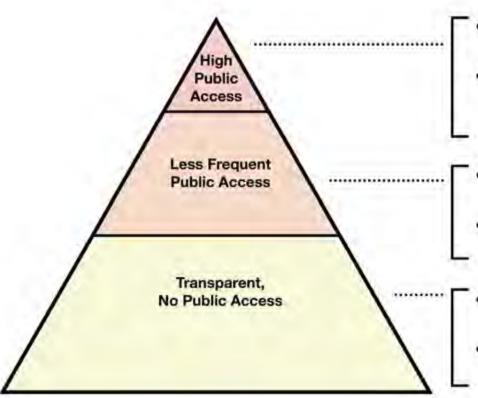
## Ground Floor Activation Area



Ground floor activation area



# Hierarchy of Active Frontages



- Retail shops, restaurants and cafés, entertainment and cultural uses
- Concentrated at key nodes within primary frontage areas and at strategic locations along the primary, secondary and water's edge promenade frontage areas
- Showrooms, office lobbies, artisan studios, community spaces
- Located within Primary, Secondary and Water's Edge frontage areas
- Offices and workshops (if significantly transparent), private cafeterias and meeting spaces
- May comprise the bulk of Secondary and Water's Edge frontage areas



# Active Uses

#### **Retail and Service**



**Production Studio** 



Office and Flex Space



#### Institutions and Workshops





#### **Entertainment and Cultural Uses**





# Identity and Celebration



Gainsborough Studios, London, UK



Trollhättan, Sweden



Barrandov, Prague, Czechia



Film props, Cité du Cinema, Paris, France



Nordisk, Film, Copenhagen, Denmark



Film Screening Pavilion, Porto, Portugal



## Blank Walls and Wrappers



CBS Studios - Los Angeles



East Brook Studios - East London



Wildflower Studios - Queens, NYC



Zahner (Factory) - Kansas City



TOHO Studios Post-Production - Tokyo



Metalsa (Manufacturing) - Monterrey Mexico



## Secure Perimeters



Interior left open for private activities (e.g. film shooting, parking, storage)

Fence or wall screened by landscaping

Buildings secure corners and provide more active frontage



## Secure Perimeters

#### **Objectives for Secure Perimeters**

From the landowner's perspective:

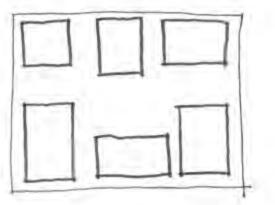
- · Provide security
- · Screen film making operations
- · Provide visual continuity along street

From the public's perspective:

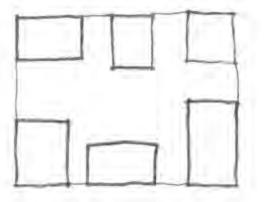
- · Screen parking, storage
- · Contribute positively to the pedestrian experience
- Landscape and built form elements should help define the public realm

#### **Resulting Considerations**

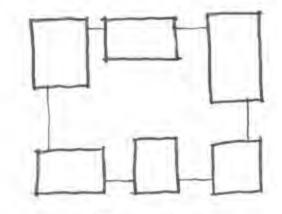
- · Opacity?
- Visual Continuity?
- · Security
- Pedestrian-Friendliness
- · Fence/wall design
- Greening
- · Public art



**Perimeter Forward** 



**Buildings Flush** 



**Buildings Forward** 





# PIC Core Built Form



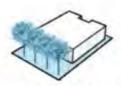


# **Built Form Direction**



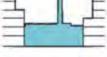


Buildings Will Respond To Surrounding Context And Character Defining Features



Wide, naturalized, landscaped setbacks required adjacent to key streets



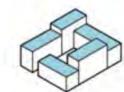


Buildings heights and placement will preserve, create and accentuate views



Building placement will permit the extension of the public street network

## DIVERSITY



Diversity through different building heights and height shifts



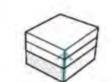
Diversity through strong, repeating vertical articulation and facade designs

# AN RO

ADAPTABILITY

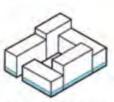


Urban street-edge relationships with buildings framing the public realm



Minimum building heights and floor to floor ceiling heights for non-residential on key frontages

## ACTIVITY



Activate with high ground floor coiling heights and a wealth of details



Ground-level facades should be 70% transparent

### SKYLINE TOPOGRAPHY



Buildings will contribute to the creation of a distinct and dynamic skyline



New buildings will not detract from or dominate the port lands existing skyline

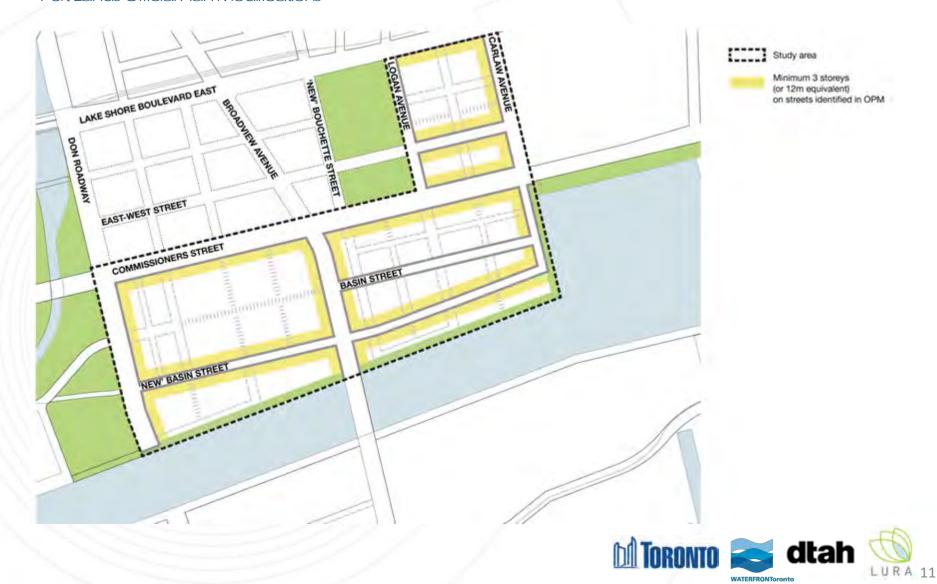


#### Port Lands Planning Framework Built Form Direction - PIC Core

- Populated with compact, urban, multi-storeyed buildings.
- A minimum height of three storeys with active uses at grade on key frontages will be required.
- Buildings designed to be flexible and adaptable to enable conversion to a wide range of future uses.
- Buildings will have robust, lasting materiality and high-quality design



#### Minimum Building Heights: Street Frontage Port Lands Official Plan Modifications



#### Streetwall Frontage Lower Scale Employment Buildings

- Allows for lower scale industrial employment activities (studios, workshops, warehouses)
- Uses that may not be 'good neighbours' located internal to block with local street access



229 Wallace Avenue, Toronto



Teachers Federation, Toronto



Metalsa, Monterrey, Mexico



545 Queen St W.



Wildflower Studios, New York



Equinix Data Centre, Toronto



Ryerson Image Arts Building, Toronto



401 Richmond, Toronto





#### Streetwall Frontage Mid-Scale Employment Buildings

- Provides office and commercial/retail (at sidewalk level) supported by transit on major roads
- Balances scale of the street (road width to streetwall height), framing street and public realm for pedestrian comfort



Wrigley Building, Toronto



205 Richmond St W, Toronto



CHUM City Building, Toronto



Charles St Garage, Toronto



80 Atlantic, Toronto



Corus Quay, Toronto



George Brown College, Toronto



T3, Minneapolis







#### Streetwall Frontage Taller Mid-Scale Employment Buildings

- o Signals higher order transit / mobility on major roads
- Create visually prominent 'special' or 'signature' buildings at nodes and gateways that signal significant intersections, act as landmarks, adding to skyline



Ryerson SLC, Toronto



33 Yonge St, Toronto



SAS Building, Toronto



Rotman School, U of T, Toronto



Commodore Building, Toronto



2102 Keith Dr, Vancouver



Tower Building, Toronto



CBC Broadcast Centre, Toronto

WATERERONToront







#### Built Form Direction – Tall Buildings in PIC Core Port Lands Planning Framework

The PIC Core Urban Design Guidelines process is exploring potential guidelines that will inform the built form, height and location of tall employment-focused buildings, if permitted.

The Port Lands Planning Framework has a number of tall building policy directions that the guidelines may expand upon, if tall buildings are permitted:

- Tall building design, in terms of form and profile, will make a positive contribution to the Port Lands skyline topography from identified views;
- o minimum separation distance of 40 metres between tall buildings;
- o Tall buildings will be located, oriented and massed to:
  - Maximize sunlight access on streets, and parks and open spaces;
  - Not shadow the Don Greenway and naturalized river valley during the spring and fall equinoxes
  - Enable comfortable pedestrian conditions in all seasons





# PIC Core Sustainability and Stormwater







## Toronto Green Standard v3

The Toronto Green Standard is Toronto's sustainable design requirements for new private and City-owned developments. The Standard consists of tiers of performance measures and guidelines for implementation.

Tier 1 required through planning process

Tier 2 voluntary higher performance incented through DC refund

Tier 3: energy, water, waste

Tier 4 energy& greenhouse gas targets



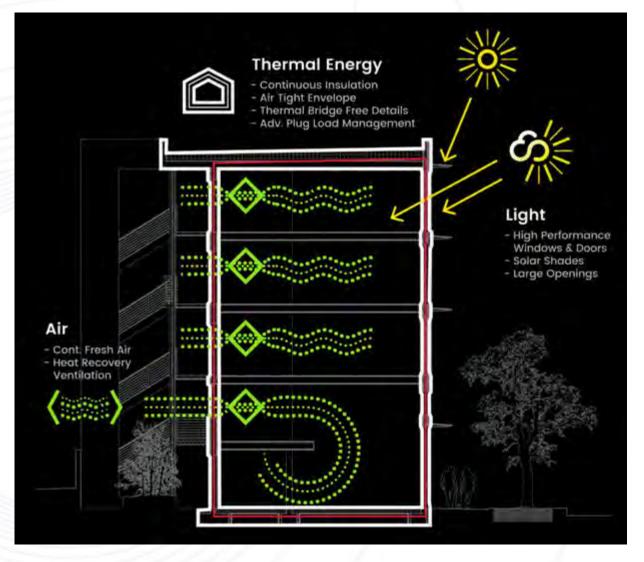
RA 17

#### Energy Efficiency Port Lands Planning Framework

- The objective for the Port Lands is for the area to be a net zero energy district. A net zero energy district is a district where no more energy is consumed than is supplied by non-fossil fuel sources.
- All development and public works will support this objective through the application of passive and low-impact site, building and street design.
- All development on privately-owned land will be passively designed and meet the minimum requirements in the applicable Toronto Green Standards.
- All development on publicly-owned land will be passively designed and be required to exceed the Toronto Green Standards highest performance measures.
- Passive design approaches and low-impact site design employed in a development



# Passive Design: Key Principles





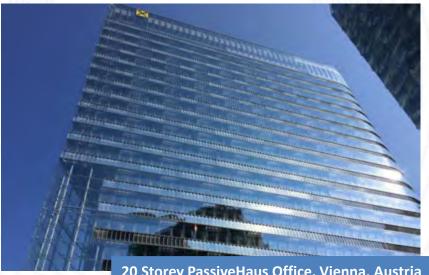
## Passive Building Design: Office and Light Industrial



**Charter Telecom Office, Victoria, BC** 



13 Storey PassiveHaus Office, Chicago, USA



20 Storey PassiveHaus Office, Vienna, Austria



BC Passive House Factory, Permerton, BC



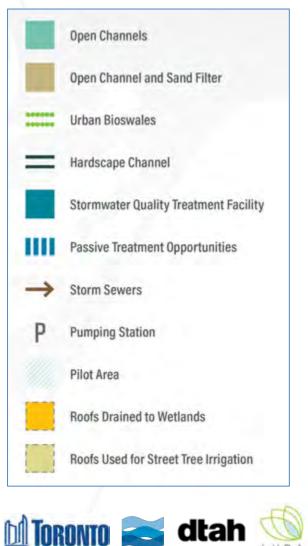




## Port Lands Stormwater Management

Port Lands and South of Eastern Transportation and Servicing Master Plan





WATERFRONToronto

LURA

# Low Impact Development Best Practices

Development



**Biodiverse LID Wetland, West Don Lands** 



**Biodiverse Green Roof, TTC Leslie Barns** 



Office/Re



Office/Retail LID, New York City

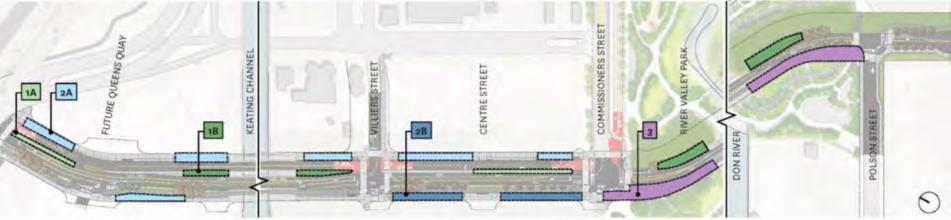






#### Low Impact Development Best Practices New Cherry Street

### DRAFT





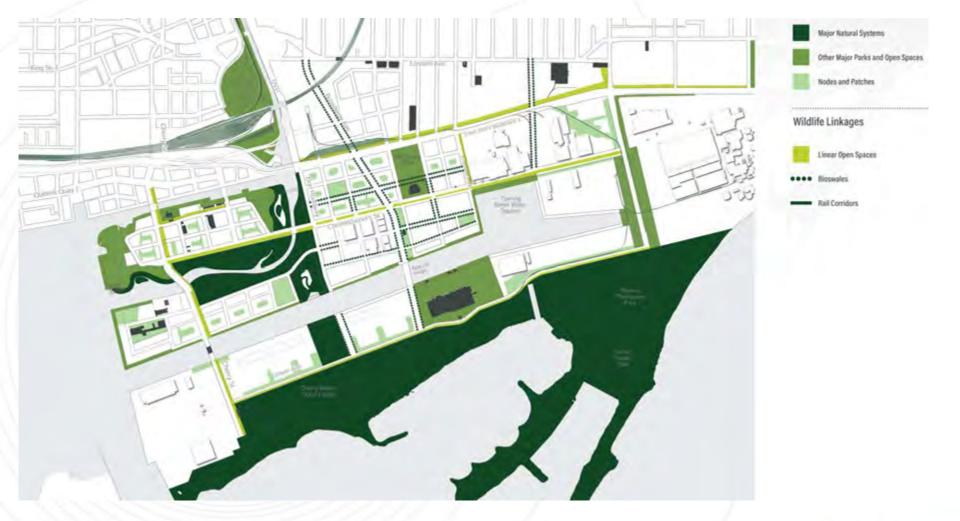


2B PASSIVE IRRIGATION UNDER OPEN PIT PLANTER



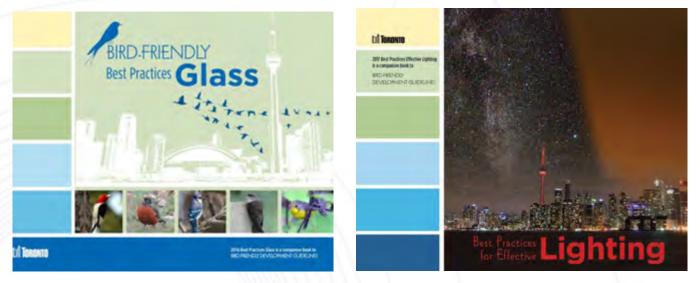


#### Biodiversity Port Lands Planning Framework





## City-wide Biodiversity Guidelines and Strategies





WILD, CONNECTED AND DIVERSE A BIODIVERSITY STRATEGY FOR TORONTO









Livegreen







#### Biodiversity/Habitat Creation – Key Considerations Habitat Creation



Habitat Restoration, Portlands Energy Centre



Spadina Quay Wetland





#### Biodiversity/Habitat Creation – Key Considerations Habitat Connectivity





# Biodiversity/Habitat Creation

Biodiverse Green Infrastructure



Office Campus, Houston

ESRI Canada Rooftop, Toronto



# Biodiversity/Habitat Creation – Best Practices

Biodiverse Green Streets

New Cherry Street Green Spine: Role of Species Selection

- (1) Sidewalk (min. 3.0 m)
- (2) Social Spaces & Site Furnishings Zone
- Open Pit Planters with Robust Urban Tolerant Planting - Planters are One Component of Green Infrastructure
- (4.0 m) Martin Goodman Trail (4.0 m)

Cherry Street Planting Sample:



Honeylocust



Marmo Freeman Maple



Yarrow



Juniper







Эġ

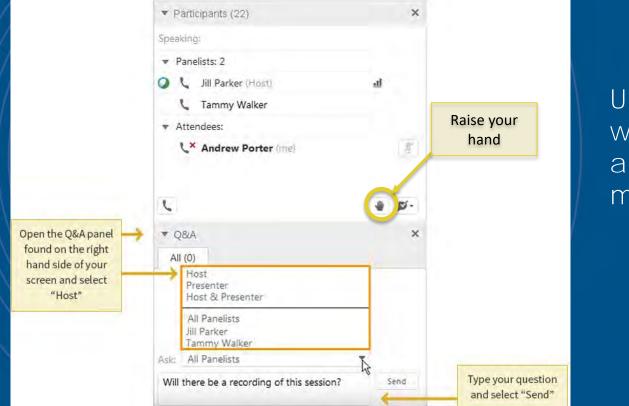




# O TOGETHER QUESTIONS + Answers

Please click on the Q+A icon and type in your questions. The moderator will read questions aloud.

If you prefer to present your question verbally to the panel, please **click "raise your hand" or, if calling in,** <u>dial \*3</u> on your telephone.



Unanswered questions will be summarized and answered in our meeting summary









# Please provide your feedback on the virtual Open House

One-line consultation and engagement is an rapidly evolving practice, especially in a virtual open house format.

As City Planning moves forward with future PIC Core Urban Design Guidelines, we would like to hear your thoughts and suggestions on the overall guidelines direction.

Please fill out the on-line questionnaire at: <u>portlands.metroquest.ca</u> by October 6, 2020.









# Next Steps

Please visit our webpage https://www.toronto.ca/city-government/planning-development/planningstudies-initiatives/port-lands/\_for:

- 1. The Online Questionnaire!
- 2. The On-line Presentation Materials
- 3. Visit the webpage for the presentation material and a feedback summary









# Thank You – Closing Remarks









Anthony Kittel, Project Manager City of Toronto September 22, 2020