



# Urban Design 101

November 3, 2020

Pier 7 + 8 Master Plan.  
City of Hamilton.

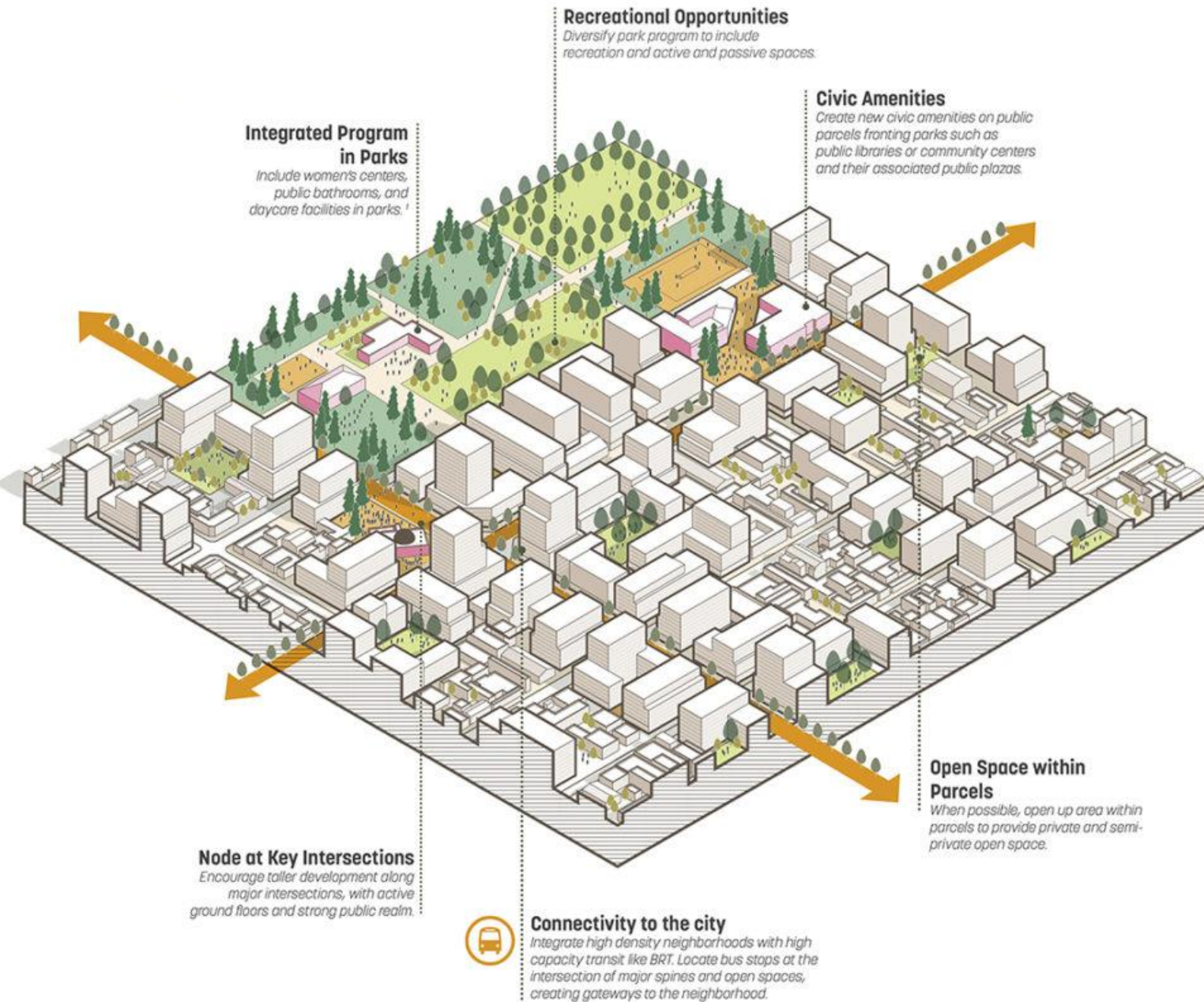




**Urban design**  
is the art of  
shaping  
cities.

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# Why is Urban Design important?

- Address rapidly changing markets/needs/development trends
- Attracts growth and tourism
- Efficient use of land and infrastructure
- Increased viability of public transit, walkability and cycling
- Increased housing choice and affordability
- Vibrant and successful public spaces
- Engaged public / Sense of community ownership



# Key Urban Design Objectives for the City of Barrie:

1. Complete Communities
2. Density, Diversity, Mix and Transition
3. Human Scale
4. Place-making
5. Resiliency and Sustainability
6. Transit Supportive
7. Universal & Accessible
8. Community-Driven





## Design Excellence in the City of Barrie means...

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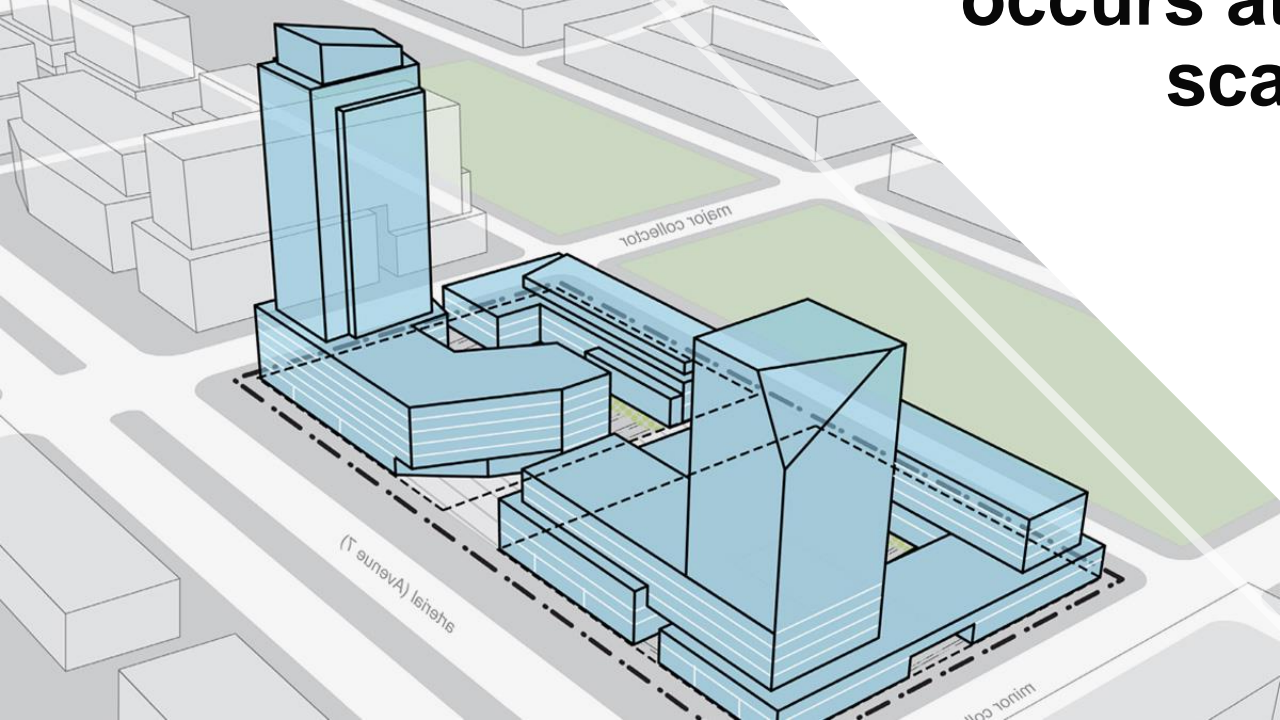
1. Prioritizing People
2. Strengthening Public Life
3. Elevating Standards of Sustainability and Resilience
4. Celebrating Local Culture and Place
5. Building Community Capacity







**Urban design  
occurs at multiple  
scales**





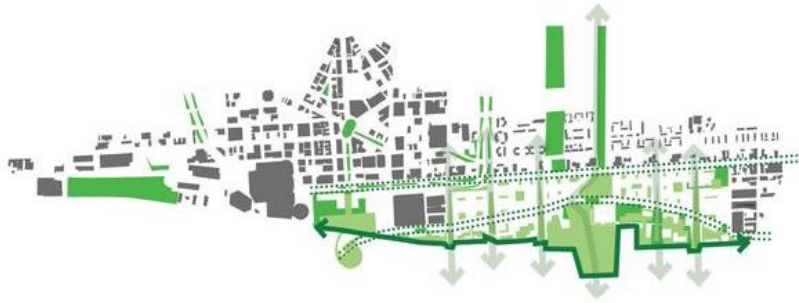


# Urban Scale: The Image and Framework of a City

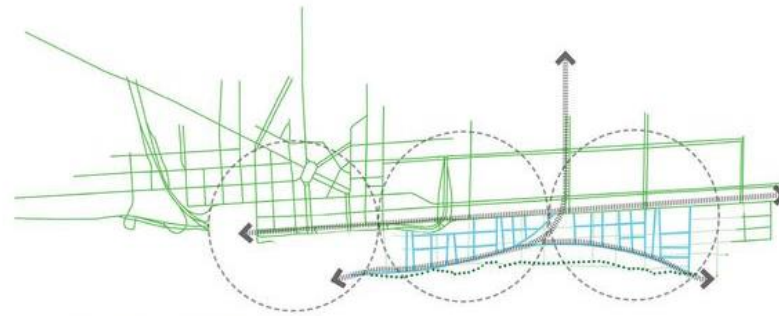
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**City Vision + Structure**  
**Natural Systems**  
**Transportation Systems**





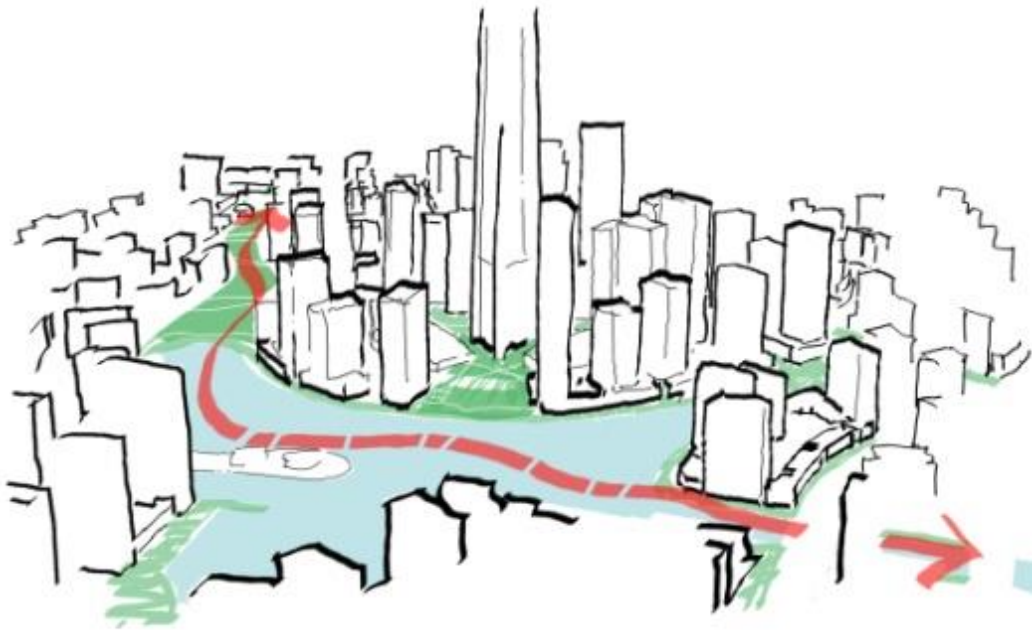
**Open Space**



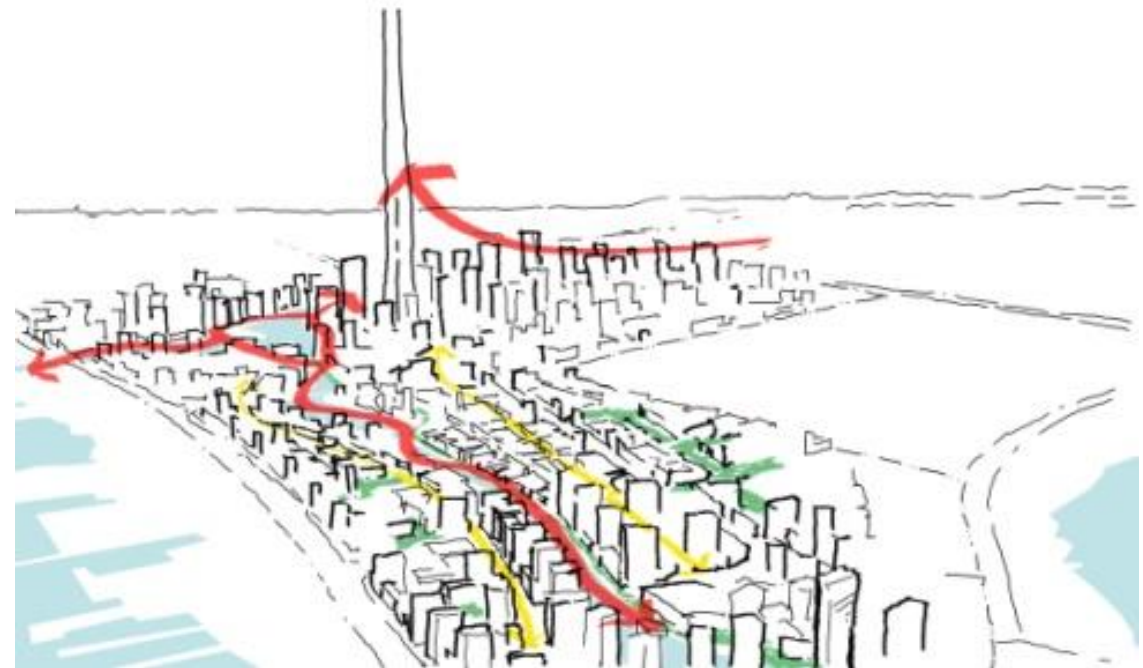
**Access & Circulation**



**Land Use**



**Spatial Definition**







# District/Neighbourhood Scale: Area Identity + Character

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Neighbourhood Identity + Completeness

Open Spaces + Placemaking

Access + Mobility

Density, Scale + Transition



# Example: Barrie Fairground





# Example: Barrie Fairground





An isometric architectural diagram of a city block. The diagram shows various building footprints in shades of gray and blue. A prominent blue building is in the foreground, with a dashed line indicating its footprint. Other buildings are scattered throughout the block. Labels include 'major collector' near the top, 'arterial (Avenue 7)' near the bottom right, and 'minor collector' near the bottom left. A horizontal white line is positioned below the main title.

# Block Scale: Functional Design

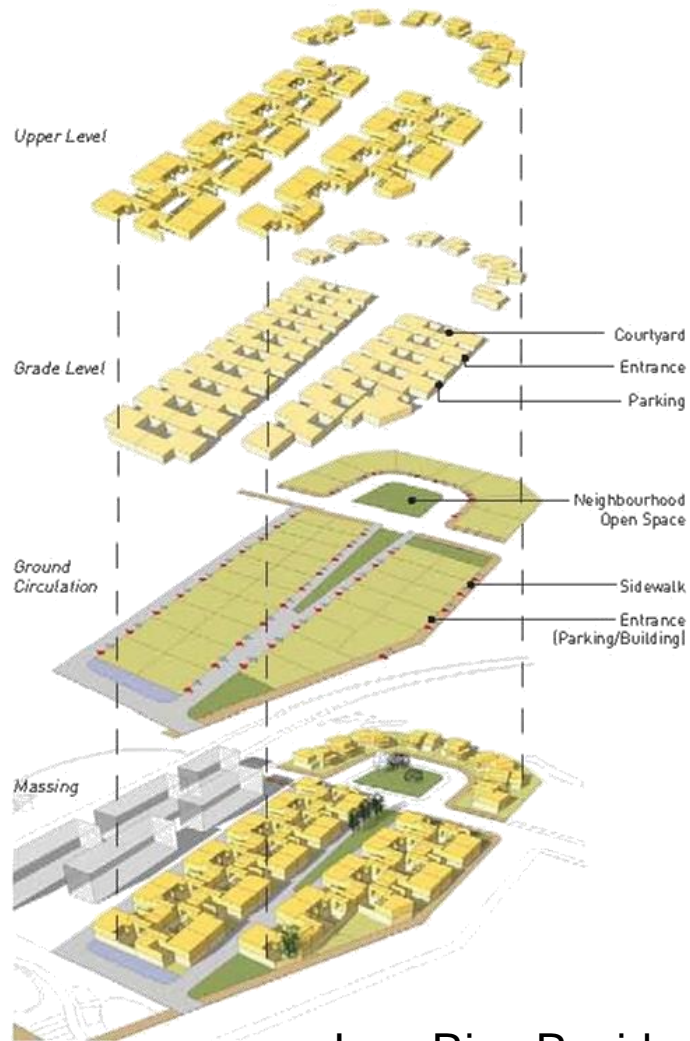
**Contextual Design**

**Building Types + Massing Strategies**

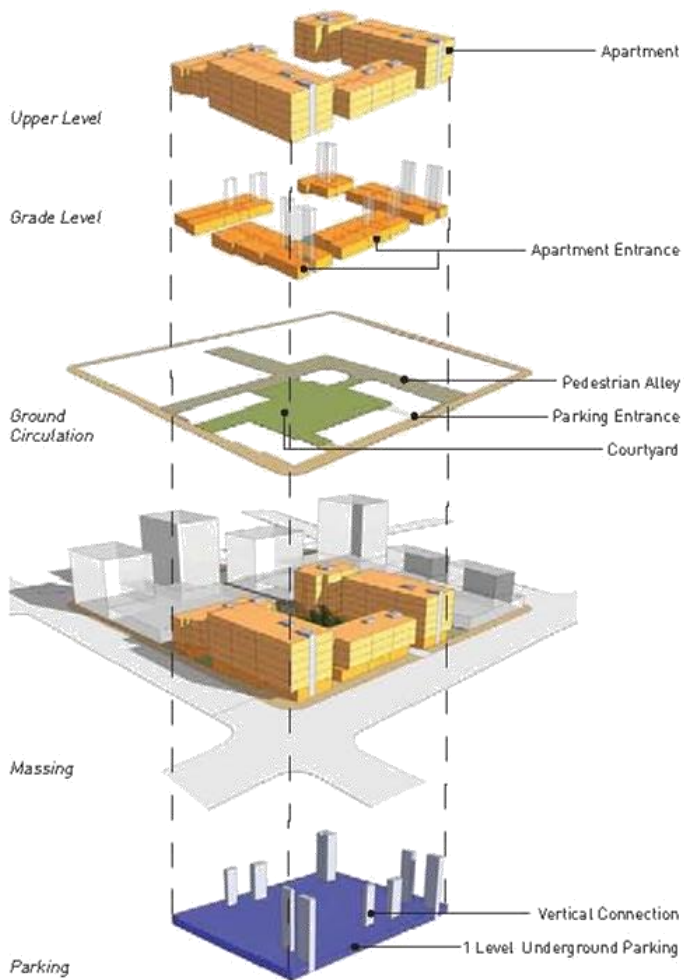
**Access, Circulation + Parking**

**Public Realm + Amenity Areas**

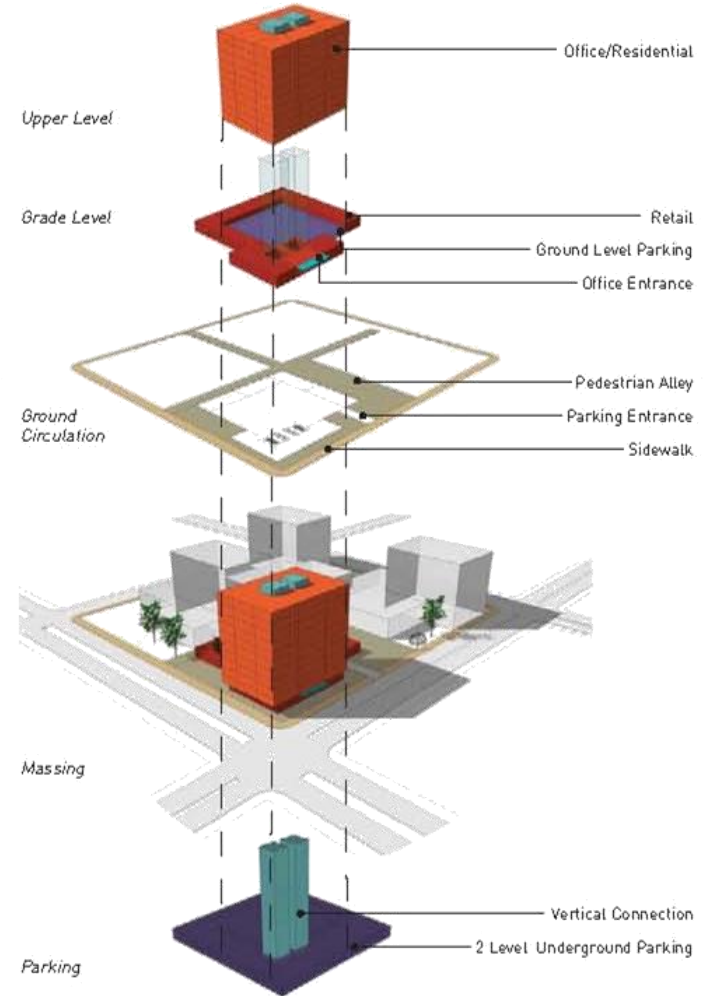
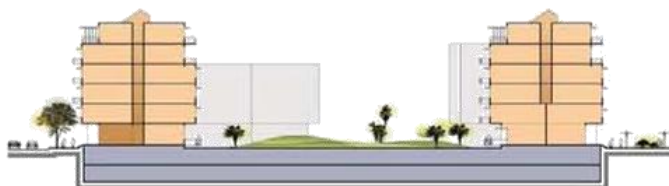




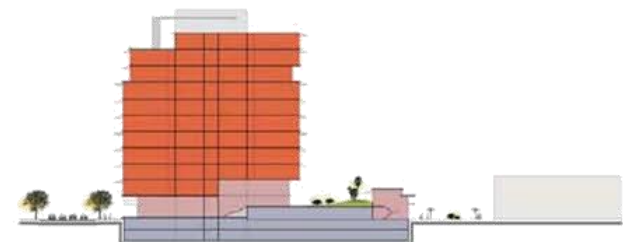
Low-Rise Residential



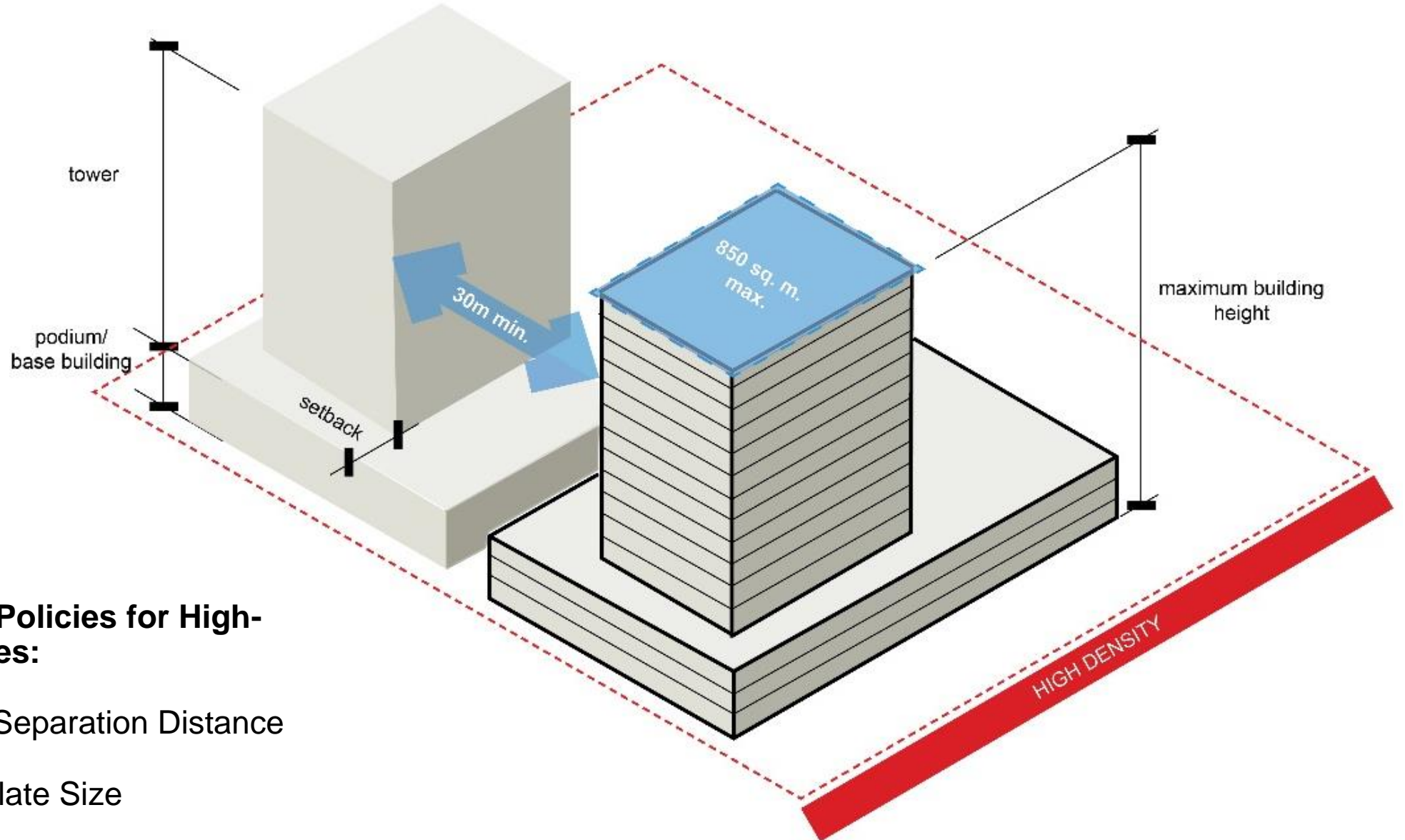
Mid-Rise Residential



Mixed-Use Office







### New Official Plan Policies for High-Rise Building Types:

- Minimum Tower Separation Distance
- Maximum Floorplate Size





# Human Scale: The Human Experience

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## **Built Form**

- Framing, Interface and Building Materials

## **Public Realm**

- Design, Furnishings, Signage, Wayfinding and Public Art









**Barrie's Promenade Days**



**Updated Dunlop Streetscape with Proposed Development**





## The City of Barrie's Urban Design Processes:

### Policy Development

- Design-driven policies and guidelines
- Special area studies, guidelines, secondary plans etc.

### Design/Development Review

- Pre-Consultation
- Formal Commenting on Development Applications
- Potential Establishment of an Urban Design Review Body/Panel

### Education, Recognition and Awareness

- Community Engagement
- Potential Establishment of an Urban Design Awards and Recognition Program





Thank you.

Questions + Discussion