

Presentation to Peterborough City Council – General Committee

Parks and Open Space Planning Guidelines and Standards City of Peterborough

Parks and Open Spaces

Presented by:



in association with





Objectives of the Study / Scope

1. Recommend park planning, provision and design guidelines and standards for existing and new parks.
2. Evaluate Neighbourhood park quality and functionality, and identify high priority parks in need of rejuvenation.
3. Identify gaps in access to Neighbourhood parkland.
4. Evaluate City-owned (non-parkland) open space and recommend sites to be considered to officially become parkland.
5. Assess and recommend a strategy to improve Neighbourhood park equity.
6. Estimate the amount of tableland-quality Regional and Community parkland that the City will need as it grows.

Park Equity

Park Equity is a critical concept that underpinned much of the research, analysis and recommendations – and represents a new way of assessing a community's parks and recreation resources.

Park Equity = Access (to parkland) + **Quality** (of parks) + **Inclusivity** (the degree to which ALL residents can access Parkland)

For **Inclusivity**, we mapped a range of residential density and household income.

Key Deliverables

- An assessment of the parks and open space system (strengths and challenges)
- An assessment of the quality and functionality of Neighbourhood parks
- An assessment of access to and distribution of Neighbourhood parks
- Identification and evaluation of the 250 ha. (149 properties) of City-owned (non-parkland) open space and recommendations of candidate sites to become parkland
- An evaluation and a prioritized list of the Neighbourhood parks most in need of rejuvenation (based on Park Equity criteria)

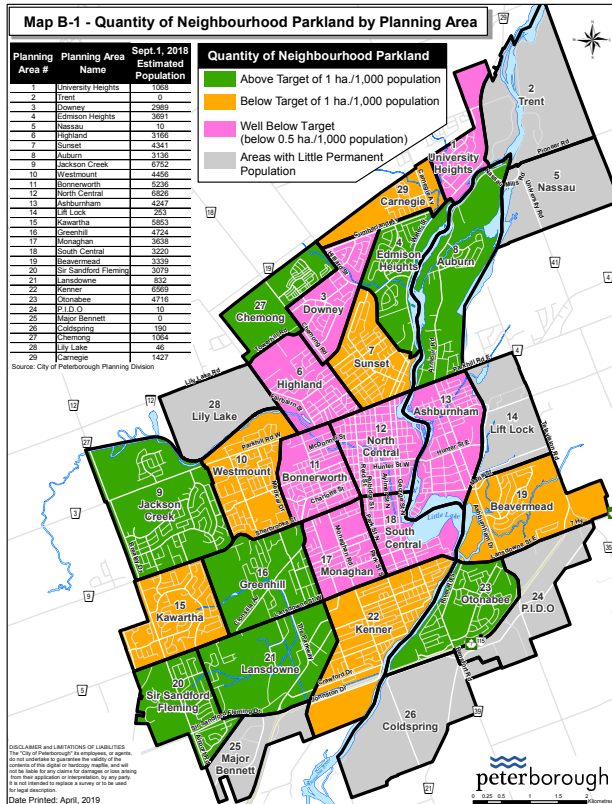
Key Deliverables (continued)

- For the developed and partially developed residential Planning Areas, a comprehensive strategy has been recommended to improve Neighbourhood parkland equity.
- Calculated the amount of tableland-quality Community and Regional parkland that will be required to meet the City's needs for major indoor and outdoor culture and recreation facilities as it fully develops.
- Prepared a new parks and open space classification – aligned with the Draft Official Plan
- Prepared a Parks Development Standards document - that will guide the design and development of new parkland and the rejuvenation of existing parks.

Key Findings

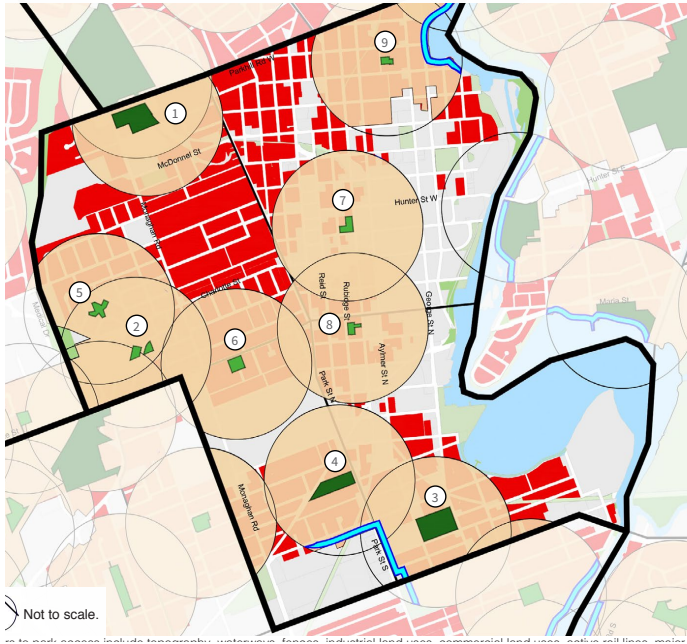


Key Findings (continued)



- The quantity of Neighbourhood parkland is below the recommended standard in 14 Planning Areas, with 8 Planning Areas well below the target.
- The City-wide, the ratio is 0.75 ha./1,000 population (Standard: 1 ha./1,000 population)
- As residential density increases, especially in built-up areas, the ratio will worsen.

Key Findings (continued)



- Many Neighbourhood parks do not meet the standard for quality and functionality that is being recommended for new parks (as outlined in the Parks Development Standards document).
- Many residential areas have gaps in access to Neighbourhood parkland, with Wards 2,3 and 5 being the most serious

Park Standards

The Park Standards Document is:

- A **working document** that is set out as a **reference to assist City Staff, Landscape Architects, Park Planners, the development industry and the general public** for moving forward with the planning and design of new and redeveloped parks in Peterborough.
- Represents current **best practices for park planning & design**
- It will be a **living document** that should be **updated as required** to address broader changes to standards or practices in park planning & design.
- Contains **three sections** :
1) Planning for Parks 2) Design for Parks 3) Construction Details



Key Information from Part 1: Planning for Parks

- Contains a **Classification of Parks** that **responds to future core area intensification**.
 1. Regional Parks and Other Open Spaces
 2. Community Parks and Other Open Spaces
 3. Neighbourhood Parks and Other Open Spaces
 4. Pocket Parks
 5. Urban Park Spaces - a second tier of parks located within high density areas (including the downtown) – comprising the following new types of parks:
 - Urban Community Parks
 - Urban Squares
 - Urban Pocket Parks
 - Sliver Parks
 - Courtyards
 - Connecting Links



Key Information from Part 1: Planning for Parks

- **Parks** and Open Spaces are **prioritized during Secondary Planning** to help provide the opportunities for **improving** park and open space **locations and linkages**.
- Parks and Open spaces will better **contribute to improved storm water Management**.
- Parks and Open Spaces will be planned to **promote contiguous green space corridors** both **within and beyond** the **Boundary's** of Plans of Subdivision and Development Plans.



Key Information from Part 1: Planning Guidelines

- **A process is provided for the identification, integration and protection of Natural Heritage Features** and open spaces with high ecological value.
- **Prepared prior to any development plans and will inform the spatial planning (arrangement) of Development and Subdivision Plans.**



identification, integration and protection

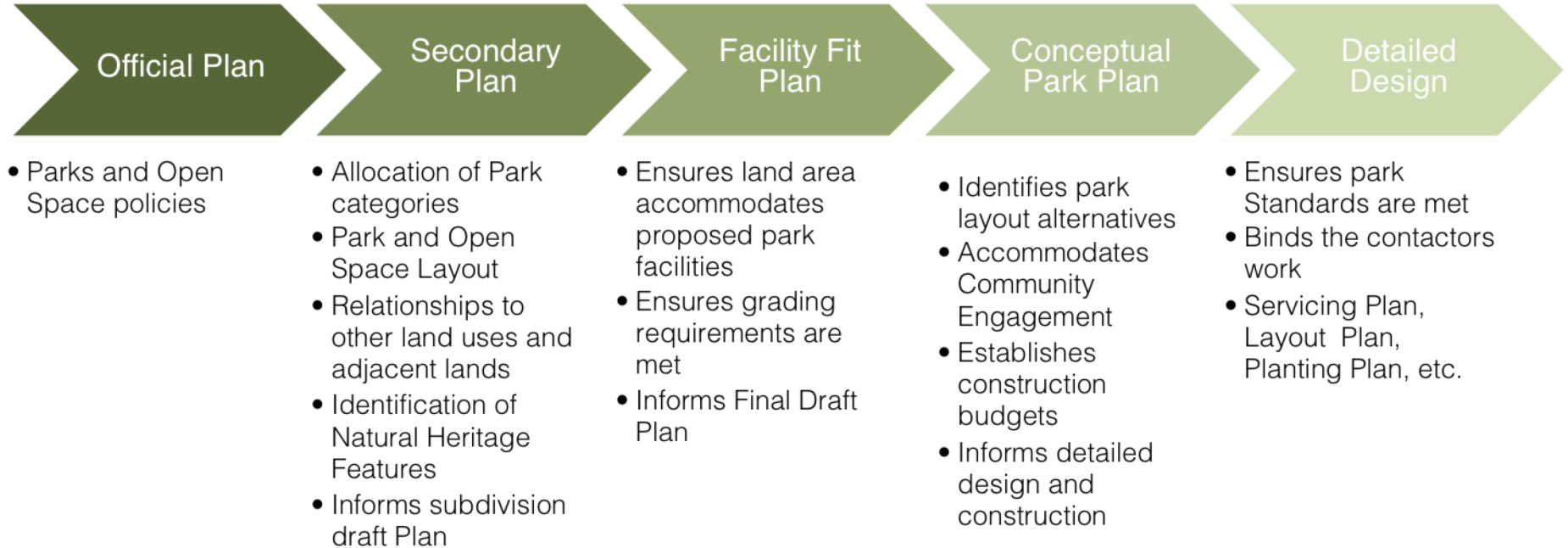


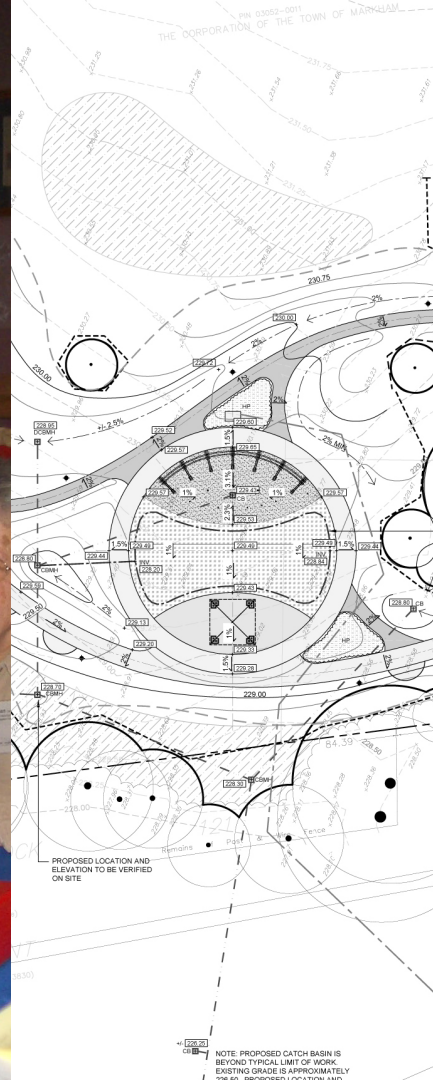
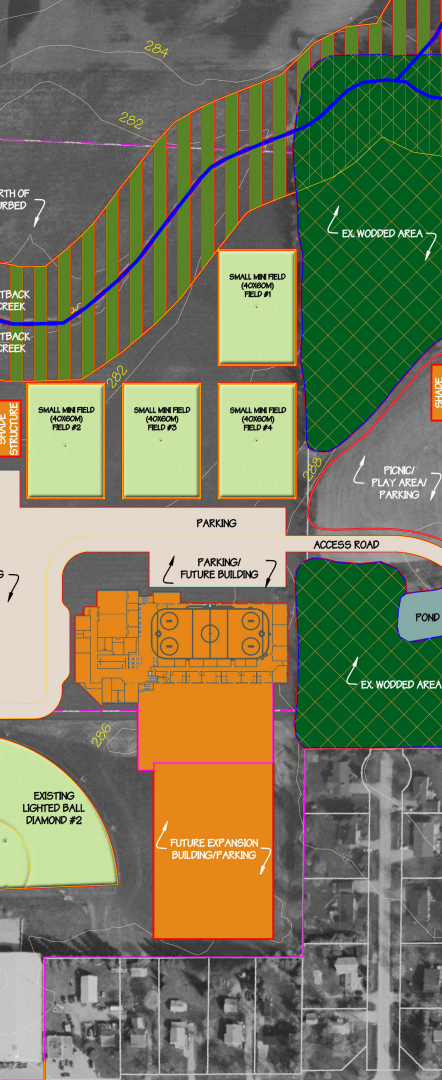


Key Information from Part 2: Design for Parks

- A Structure of **Responsibilities and Design Expectations** for both **City and Developer**.
- **Identifies** recommended **design features by Park Classification**
- **Lays out developer responsibilities** for the condition of lands allocated for Parks from servicing to topsoil requirements
- Design and Construction **may be carried out by City or the Developer** (City's option)
- **Includes design criteria** for Accessibility, Sustainability, Grading, setback parameters, play and recreation facilities, shade provisions etc.
- Establishes a **sequenced planning & design process**

Sequenced Design Process

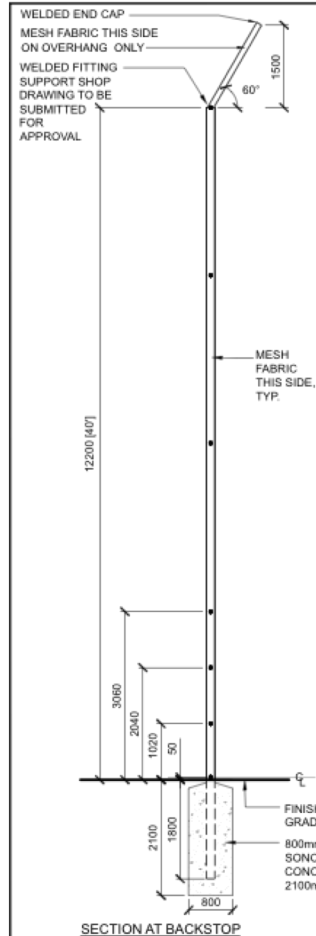






Key Information from Part 3: Construction Details For Parks

- Ensures **Best Practices** and **Consistency in Design and Construction Details**.
- Details will be **available to parks maintenance & planning staff, developers and consultants**
- Provide **minimum construction requirements to ensure safety, durability and flexibility**
- Reviewed and **updated on a regular basis**
- **Includes details for fencing, paving, furnishings, safety surfacing, play area edging, sports field layouts, yard hydrants, LID features etc.**

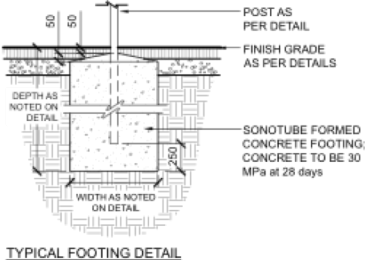


STRUCTURAL NOTES:

- A. MAIN POSTS: 168mm (6-1/2") OD GALVANIZED STEEL PIPE
- B. MAIN POSTS: 114mm (4-1/2") OD GALVANIZED STEEL PIPE
- C. MAIN POSTS: 90mm (3-1/2") OD GALVANIZED STEEL PIPE
- D. RAILS: 64mm (2-1/2") OD GALVANIZED STEEL PIPE
- E. RAILS: 48mm (2") OD GALVANIZED STEEL PIPE
- F. END CAPS: ALL END CAPS MUST BE WELDED IN PLACE
- G. MESH: CHAIN LINK FABRIC FOR BACKSTOP, WINGS AND OVERHANG PLAYERS ENCLOSURE TO BE 50mm (2") MESH OF GALVANIZED STEEL, 6 GAUGE WIRE, EDGES KNUCKLED UNDER
- H. FOUL POLE: TO BE WHITE, SHOP DRAWINGS TO BE APPROVED

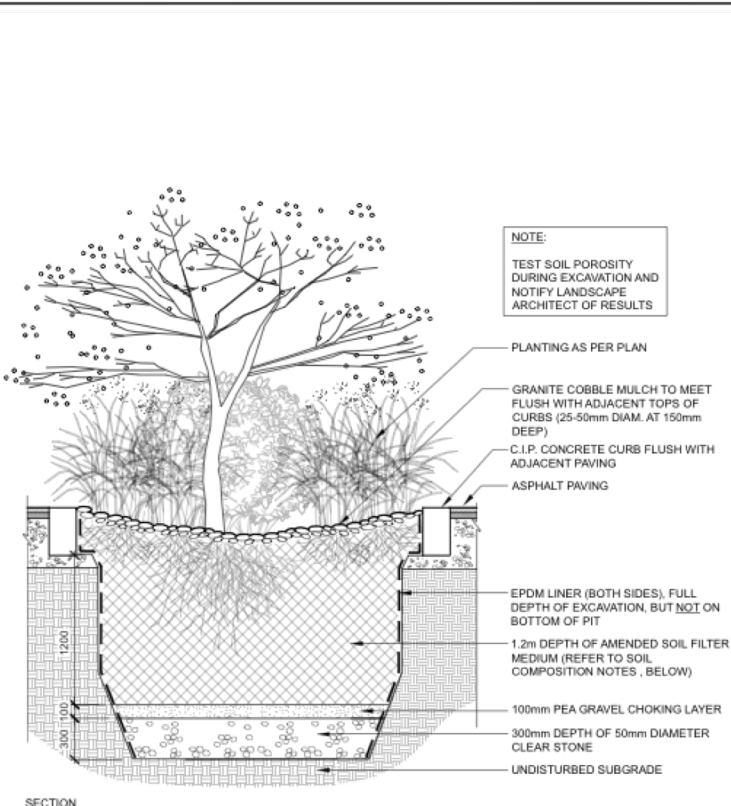
ALL CHAIN LINK FENCE, BACKSTOP PLAYERS' BENCH ENCLOSURE, GATES AND BULLPEN NOTES:

1. REFER TO STRUCTURAL NOTES FOR ALL POSTS, RAILS AND MESH
2. ALL POSTS, RAILS, CAPS, ELBOWS AND OTHER JOINTS MUST BE WELDED.
3. TOP RAIL OF OVERHANG MUST BE CONTINUOUS PIPE
4. CHAIN LINK FABRIC TO BE ATTACHED TO INSIDE (PLAYING SIDE) OF BACKSTOP SCREEN AND FENCES AND THE TOP OF OVERHANG.
5. FABRIC OF OVERHANG TO EXTEND 25mm BEYOND PIPE FRAME.
6. TENSION BANDS TO BE 400mm O/C. BOLT ENDS TO BE AT BACK OF BACKSTOP SCREEN AND FENCES.
7. 9 GAUGE WIRE TIES TO BE 300mm O/C. WRAPPED TWICE THROUGH MESH AND TWISTED TWICE.
8. ALL STEEL PIPE TO BE SCHEDULE 40 GALVANIZED
9. REFER TO TYPICAL FOOTING DETAIL.
10. ALL DIMENSIONS SHOWN IN MILLIMETRES, UNLESS OTHERWISE INDICATED.



BASEBALL FIELD BACKSTOP FENCE - SECTION (2 OF 3)

peterborough CITY OF PETERBOROUGH
STANDARD DETAIL
 DATE: SEPTEMBER 2019
 DRAWN BY: N.T.S.
 PROJECT NO.: CPD-103



AMENDED SOIL FILTER MEDIUM SOIL COMPOSITION:

1. SAND: 2 TO 0.05mm, 85-88% by weight
2. FINES: less than 0.05mm, 8-12% by weight
3. ORGANIC MATTER - leaf compost (or approved alternative), 3-5% by weight
4. SOILS TO HAVE AN INFILTRATION RATE OF APPROXIMATELY 12 TO 30 MM/HR

INFILTRATION PLANTER

peterborough CITY OF PETERBOROUGH
STANDARD DETAIL
 DATE: SEPTEMBER 2019
 DRAWN BY: N.T.S.
 PROJECT NO.: CPD-402