
SITE SERVICING, SITE GRADING & STORMWATER MANAGEMENT

**FIFA 2026 World Cup Soccer Training Facility &
Centennial Park Master Plan Implementation
Engineering Services: Sports Facilities, Parking Lots,
Building, and Trail System**



Client: Cherie Ng Architect Inc.
(On Behalf of Toronto Parks, Forestry & Recreation)
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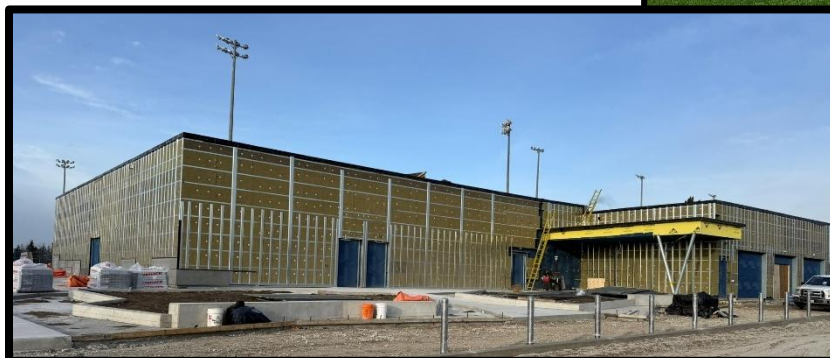
Location: 575 Centennial Park Boulevard, Etobicoke, Ontario

Construction Cost: +\$50,000,000
Completion Date: Stormwater Management Facilities – Completion Spring 2025
Baseball Hub, Pickle Ball Courts, Volleyball Hub – Completion Fall 2025
Water Distribution, Parking Lot Reconfiguration – Completion Winter 2025
Soccer Hub, Cricket Pitch, Field House Building – Completion Spring 2026
Trail System, Basketball Courts, Parks Service Yard,
Model Flying Circles – Completion TBD

Project Manager: Peter J. Ellis, CET
Project Engineers: XXXX, P. Eng.
Field Services: XXXX, CET

Project Description:

With a total area of 500 acres Centennial Park is the second largest park facility in the City of Toronto. The multi-year re-development plan includes new facilities for a FIFA tournament practice field and clubhouse building, baseball hub, community soccer hub, volleyball and pickle ball courts, cricket pitches and reconstruction of existing parking lots and maintenance yard facilities.



With the City of Toronto looking to redevelop the site into a soccer training facility for the upcoming FIFA World Cup Tournament, professional services were required to develop detailed design and working drawings for the demolition, redevelopment and rehabilitation of the existing parklands.



Urban Watershed Group Limited joined a team of professionals lead by Cherie Ng Architects to prepare and execute numerous construction contracts necessary to complete the multi phased re-development within the condensed timeframe while also accommodating existing parks programming.



Overall Plan of Centennial Park

In cooperation with the TRCA's Restoration and Infrastructure team UWGL aided in the design for rehabilitation of the existing watercourse and wetlands central to the park along with implementation of new stormwater management facilities necessary to support the parkland re-development.

The stormwater management strategies were carefully designed to preserve the existing hydrologic characteristics and maintain the ecological integrity of the Wetlands while also making use of the rehabilitated watercourse and associated new floodplain storage and conveyance capacities.



As such, during the design development component of this project, specific attention and care was given by Urban Watershed Group to implement intensive **Low Impact Development (L.I.D.)** techniques in order to mitigate stormwater quantity and quality concerns due to the increase in impervious area.

Design solutions included the incorporation of **exfiltration trenches, oil grit separators and bioswales**, which were all supplemented by downstream SWM Ponds to provide peak flow and erosion control.



The development required continuous coordination with the TRCA's construction team, who led the implementation of various site works to ensure erosion and sediment control measures were properly implemented and enhanced throughout construction, to protect the significant natural features of the park.