

Humber College North Campus Parking Structure



Project Description

Newton Group was the Design-Builder for the Humber College North Campus parking structure. The project was designed for 1,000 spaces with an additional 10,000 sf of retail and office space along the northwest edge. The project includes bicycle storage, electric vehicle chargers and a large grand lobby with elevators and a naturally ventilated glass stairwell.

The parking structure is Net-Zero with 750 kW of solar panels installed on both the roof and portions of the southern façade. Such a large solar array allows the structure to offset its energy consumption along with other buildings on campus!

Newton Group provided turn-key design-build services with the CANADARCAR Parking Structure System, including in-house engineering, steel & precast manufacturing, site works, erection, electrical, mechanical, security and parking equipment.



Project Details

Completion Date	September 2019
Contract Type	Design-Build
Owner	Humber College of Applied Arts & Technology
Number of Spaces	1,000
Materials	Steel + Precast Concrete
Structural System	CanadaCar System
Parking Width	2600 mm
Clearance Height	2590 mm

Project Team

General Contractor	Newton Group Ltd.
Engineer	Thornton Tomasetti
Architect	Turner Fleischer Architects Inc.
Mechanical	Smith + Anderson
Electrical	Hammerschlag + Joffe Inc.

References

Owner:	Mr. Joe Chimenti
Title:	Associate Director, Capital Development
Phone:	416-675-6622 x4519
Email:	joe.chimenti@humber.ca

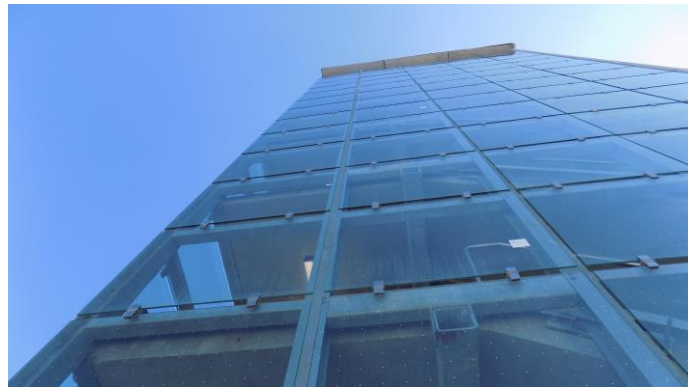
Location



200 Arboretum Blvd, Etobicoke, ON M9W 6V3



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