



## Quick Facts

### THE CENTRE FOR URBAN INNOVATION AT RYERSON UNIVERSITY

#### Evolution of the building:

|         |                                                                                                                                                                                                                                                                                |
|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1886    | The Ontario College of Pharmacy is constructed at 44 Gerrard Street East, designed by architect Matthew Sheard.                                                                                                                                                                |
| 1891    | The building receives a laboratory addition, also designed by Matthew Sheard.                                                                                                                                                                                                  |
| 1940    | The firm Page & Steele undertakes significant alterations, including the building's current facade.                                                                                                                                                                            |
| 1963    | Ryerson acquires the building and University of Toronto moves their pharmacy program to the St. George Campus.                                                                                                                                                                 |
| 1963-70 | The building is home to Ryerson's Department of Architectural Technology and the Ontario Government.                                                                                                                                                                           |
| 1971    | Ryerson's School of Performance occupies the first floor while the School of Journalism occupies the second and third floor of building. The School of Performance also moves into 101 Gerrard Street, modelled after London's prestigious Central School of Speech and Drama. |
| 1971/72 | The building undergoes interior alterations, including the creation of work and learning spaces for journalism, theatre and dance.                                                                                                                                             |
| 1980    | The School of Journalism moves out of 44 Gerrard Street and the School of Performance occupies the entire building. Interior alterations to the building include dance studios and learning spaces.                                                                            |
| 2016    | After 45 years of occupancy, Ryerson's School of Performance moves out, the building is selected to house Ryerson's new Centre for Urban Innovation.                                                                                                                           |
| 2018    | The Centre for Urban Innovation set to open.                                                                                                                                                                                                                                   |

#### The Centre of Urban Innovation will be home to:

- [The Centre for Urban Energy](#): focuses on clean energy and alternative energy innovation, including smart grid technology, energy storage, net-zero homes and renewables. Founded in 2010, CUE has launched major projects involving electric cars, wind and solar energy, and battery storage systems
- The Smart Urban Infrastructure Hub: combines expertise in engineering and business to examine urban infrastructure and transportation logistics

- [Ryerson Urban Water Institute](#): develops cost-effective solutions to support a healthy urban water cycle
- [Data Analytics Lab](#): develops techniques for the structure and use of data in fields such as health care, software engineering, social media and finance
- [Food Research Lab](#): investigates safe methods of food preservation, and develops solutions related to production, processing, distribution and consumption of food
- [NeXT Lab](#): accesses and researches the impact of exercise and body composition on human health

#### Description of alterations:

The alterations for CUI include a three storey (north) and a five storey (south) additions. The design will conserve the heritage resources by retaining the original 1891 building in its entirety and a substantial portion of the 1940s addition. The north addition is attached to the existing building with a link that steps back from the heritage building facade and has a reduced height that reveals the north elevation. The new south addition is separated from the original building with a three storey sky-lighted atrium. The exterior of the additions will be clad in a metal siding that will act as a growing medium for vines.

#### Technical details:

|                             |                                                                                                                                                                                                                    |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Construction start:         | December 15, 2016                                                                                                                                                                                                  |
| Projected completion:       | July 2018                                                                                                                                                                                                          |
| Projected opening:          | September 2018                                                                                                                                                                                                     |
| Address:                    | 44 Gerrard Street East, Toronto                                                                                                                                                                                    |
| Gross floor area:           | 3,000 m <sup>2</sup> of new purpose-built wet and dry lab research space;<br>more than 600 m <sup>2</sup> of research fabrication space; more than 650 m <sup>2</sup><br>of incubation and commercialization space |
| Legal:                      | McCarthy Tetrault                                                                                                                                                                                                  |
| Planner:                    | Urban Strategies                                                                                                                                                                                                   |
| Arborist:                   | Bruce Tree                                                                                                                                                                                                         |
| Construction manager:       | PCL Constructors                                                                                                                                                                                                   |
| Architect:                  | Moriyama & Teshima Architects                                                                                                                                                                                      |
| Structural engineer:        | LEA Consulting                                                                                                                                                                                                     |
| Mechanical & electrical/ IT | Crossey Engineering                                                                                                                                                                                                |
| Heritage:                   | ERA Architects                                                                                                                                                                                                     |
| LEED/ sustainability:       | RWDI                                                                                                                                                                                                               |
| Lab consultants:            | NXL Architects                                                                                                                                                                                                     |
| Civil engineer:             | A.M. Candaras                                                                                                                                                                                                      |
| Geotechnical engineer:      | Sirati & Partners                                                                                                                                                                                                  |
| Landscape architect:        | PLANT Architects                                                                                                                                                                                                   |
| Environmental consultant:   | ECOH                                                                                                                                                                                                               |
| Traffic consultant:         | BA Group                                                                                                                                                                                                           |

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