Brescia University College

London Ontario

Designed by CORNERSTONE ARCHITECTURE
in collaboration with Perkins+Will Canada

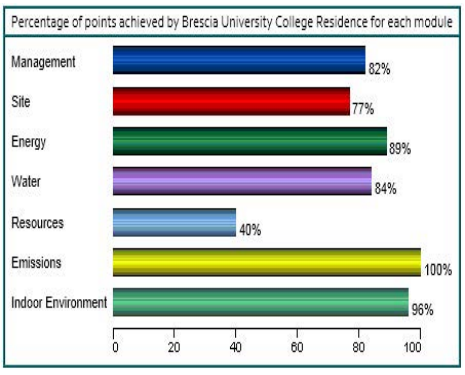
Certified December 2012

Brescia University College Residence

After having established its first graduate program in 2007, Brescia College has enjoyed success, leading to the need to expand its student residences. Cornerstone Architects answered the call with the creation of a new dormitory.

Ever since the Ursuline sisters founded the school in 1919, strong emphasis has been placed on a holistic approach to providing a stimulating learning environment. This same approach was taken during the design and build stages of the new residence. Providing a healthy and comfortable environment for the students was a priority. This is obvious in many features around the residence and the site surrounding it. From the design of the mechanical systems to the implementation of unique passive features, this building will allow for students to enjoy an unparalleled facility, which will also function as an example of how technology can play a key role in furthering efforts toward sustainability. Highly efficient heating, cooling and ventilation equipment was insisted upon, and the thoughtful placement of operable windows, gives the occupants some individual control of their own comfort and needs.

Since the land was first acquired, the site has seen many developments and is now a shining example of remediation and environmentally responsible development. Utilizing a solid integrated design process, a wide range of stakeholders were able to ensure that the end product was created smoothly, with all parties having an awareness of all the goals of the project. Earning the maximum level of 5 Green Globes certification, Brescia College has demonstrated its continued commitment to its students and the planet.



Project Highlights

- Low flow fixtures
- Daylighting to 80% of the interior spaces
- Natural ventilation
- Recycled content
- Condensing Boilers
- High efficiency chillers
- Variable speed drives
- Green roof and high albedo materials
- Limited exterior light trespass
- Storm water management
- LED Lighting and Controls
- Energy-efficient elevators
- Accessible public transport
- Building materials with recycled content
- Adaptable design features
- Comprehensive construction waste management plan
- No Ozone depleting materials
- Indoor air monitors