

## GREEN GLOBES

# FRONTENAC RESIDENCE

### BUDGET:

\$18,500,000

### ARCHITECT:

Teeples Architects and IBI Group

### MECHANICAL/ELECTRICAL CONSULTANT:

Smith and Anderson Engineering

### GENERAL CONTRACTOR:

RE Hein Construction

### CONSTRUCTION PHASE:

July 2007 to September 2008

### OCCUPANCY DATE:

September 2008



## FRONTENAC RESIDENCE

### CARLETON UNIVERSITY, OTTAWA

### GREEN GLOBE RATING

Frontenac Residence, located on the Carleton University campus is a 6-storey, 8,254 m<sup>2</sup>, residence building. The building opened in 2008 and can house approximately 250 students. Frontenac Residence is reserved for students in their second year of studies. Suites consist of 2 single bedrooms, washroom, meal preparation/dining area.

## KEY SUSTAINABILITY FEATURES

Carleton University's standard for new buildings and renovations is to achieve at least three out of five globes using the Green Globes sustainable building rating and evaluation system. Green Globes evaluates factors including project management, site use, energy consumption, space utilization, light and water optimization,

building envelope integrity, materials, waste management etc.

For more information, please visit: [www.greenglobes.com](http://www.greenglobes.com).

- Energy use is 40% more efficient than the National Energy Code.
- The amount of daylighting is optimized through building orientation and window-to-wall size ratios – there are windows in both bedrooms and common areas.
- A life cycle assessment was done for the foundations and floor assembly.
- Views to the building exterior, or to atria from all primary interior spaces.
- Major energy uses are being sub-metered.
- Low-flow water saving fixtures – low floor toilets (less than 6L)
- Interior materials are low-VOC emitting, non-toxic and chemically inert (i.e. carpets and paint).

For more information, please contact:

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