



Sisters of St. Joseph Residence

Green living in a restored woodland setting
London, Ontario



PHOTO CREDIT CORNERSTONE ARCHITECTURE

When the Sisters of St. Joseph in London, Ontario, set about to build a new residence, they envisioned a facility that would express their deeply-held commitment to environmental stewardship. Site planning, including the reintroduction of native species, fosters a connection between residents and the surrounding environment. The new residence is an integral part of an

environmental education program, a living example of building design and technologies that reduce environmental impacts. This project is a home and administrative centre for the Sisters of St. Joseph of the Diocese of London. A four-storey, 12 396 m² building includes residence rooms, offices, medical and exercise rooms, a chapel and spiritual centre, workshop rooms, and kitchen/dining facilities.

Notable Features

- Site restoration using native species
- Over 90% of site restored to natural areas
- Low-flow plumbing fixtures
- Rainwater cistern to supply water for toilet flushing
- High performance windows
- Ground source heat pump system to supply heating and cooling
- Energy recovery on exhaust air
- Minimum of 50% green energy purchase
- Extensive use of regional materials (32%)
- Low-VOC finishes and carpeting
- Green education program, including a self-guiding LEED Discovery Trail and workshops

Owner:

The Sisters of St. Joseph of the Diocese of London

Architect:

Cornerstone Architecture

Our Services:

- Sustainable Design Facilitation
- Energy Efficiency Consulting
- LEED® Consulting & Certification
- Building Commissioning
- Building Energy Performance Monitoring

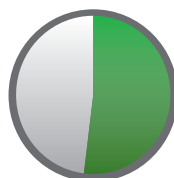
Status:

LEED-NC Gold Certified
Completed 2008

LEED® Project Facts

Gross Floor Area: 12396 (m²)
Energy Density: 160 (kWh/m²)

Category	% Performance
Water Savings	
Irrigation	100 %
Indoor Use	47 %
Energy Savings	
Waste Diversion	70 %
Salvaged Content	7 %
Recycled Content	10 %
Regional Content	32 %
Daylighting	87 %
Views	93 %
LEED® Gold	



52%
Energy Savings



47%
Indoor Water Savings



17%
Raw Materials Savings