



The Most Energy Efficient School In Ontario!

2005 - November 04




St. Christopher Catholic Elementary School Receives National Environmental Award

The recently completed major addition and renovations to St. Christopher Catholic Elementary School has resulted in a model of environmental friendliness and energy efficiency in building design. As a result, this construction project has been awarded a Commercial Building Incentive Program (CBIP) grant award from Natural Resources Canada for being **the most energy efficient elementary or secondary school in Ontario and the fifth most energy efficient in Canada.**

This innovative design is considered to be "Green Architecture." "Green Architecture" is an evolutionary re-evaluation of construction and design practices by the architectural, building and environmental communities. Its aim is to produce buildings, which have lower energy demands, boost employee morale and productivity and are less harmful to the environment. These concerns are not only examined in the construction process but the entire "life span" of the building. From the initial raw material harvesting and building material manufacturing to the final demolition and disposal of the building itself, a very environmentally responsible project is established.

Many energy efficient concepts were incorporated into the design of this "almost new" Central-South Windsor school, some of which include:


- 5,000 square foot "green roof" on two separate levels to reflect cooling into the environment

FIRST LEED Canada-NC SILVER in Quebec! 


Chapiteau des Arts Montreal, Quebec LEED Canada-NC SILVER


PREMIER projet LEED Canada-NC ARGENT au QUÉBEC! 


Chapiteau des Arts Montréal, Québec LEED Canada-NC ARGENT

New LEED-CI certification in Canada 


Kerr Wood Leidal Burnaby, BC LEED-CI Certified

Application Guide for Multi-Unit Residential Buildings NOW AVAILABLE! 


Le Guide d'application pour les immeubles résidentiels à logements multiples de faible et de grande hauteur est MAINTENANT DISPONIBLE! 

Holcim Awards showcase Canadian projects 

Top prize awarded to sustainable construction projects in North America

Les prix Holcim récompensent des projets canadiens 

Des projets canadiens se sont classés parmi les meilleurs projets de construction écologique en Amérique du Nord.

GREEN VALUE is launched! 

GREEN BUILDINGS: GOOD FOR BUSINESS

Lancement de GREEN VALUE! 

LES BÂTIMENTS VERTS SONT

- utilizing sun shades reducing heat gain and glare into the building
- use of in-floor heating and radiant cooling system for maximized comfort and efficiency
- use of finishing materials and adhesives with a minimal environmental impact
- reduction of electrical demand by introducing staged or varying intensity lighting in classrooms: When daylight levels are sufficient, lights in classrooms will automatically "de-energize" to lower settings, utilizing occupancy sensors in auditorium, washrooms and service areas to further reduce energy consumption.
- use of natural gas powered mechanical equipment instead of electrical equipment to reduce energy costs
- independent ventilation system with heat recovery devices to reduce energy consumption and provide better indoor air quality
- water conservation through the use of low flow fixtures and waterless urinals
- high insulation levels in walls and roofs without thermal conductivity components through construction
- concentrated use of materials that can be re-cycled once building is demolished minimizing landfills requirements

As a result of incorporating many energy efficient design features, the school and the Catholic School Board have been awarded a Natural Resources Canada Award through the Commercial Building Incentive Program. The unique award was presented tonight at the regular meeting of the Board.


For more information, please contact:

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RENTABLES

Invitation from EcoSmart 


Planning to attend Greenbuild 2005? Please join EcoSmart at the official opening of the Sustainable Condo at 5:30 pm on Tuesday, November 8th, 2005, on the main tradeshow floor.

Invitation d'EcoSmart 


Vous prévoyez assister à Greenbuild 2005? Vous êtes invité à vous joindre à EcoSmart, lors de l'inauguration officielle de l'appartement durable, à 15 h 30, le mardi 8 novembre 2005 à 17 h 30, à l'étage principal du salon commercial.

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L'école la plus éconergétique en Ontario! 


L'école catholique primaire St. Christopher reçoit un prix national en environnement


Canada at bottom of OECD, new report 

David Suzuki Foundation
www.davidsuzuki.org

Le Canada est au bas de la liste de l'OCDE, selon un nouveau rapport 

La Fondation David Suzuki
www.davidsuzuki.org

How to make the right choice on going green 

Les bons choix pour un virage écologique réussi 

Green Building Councils around the World 