

ECO - PROJECT C2

Assisted Living

Completed: November 2004

72,500 ft²

Project Address: 155 Peter Morand Cresent Ottawa Ontario, Canada

Owner: Rejean Lemay Lemay Groups Ottawa, Ontario

Architect: Shawn Lawrence S.J. Lawrence Architect Manotick, Ontatio

Contractor: Jacques Chatelain PRConstruction & Project Management L'Orignal, Ontario

ECO-BLOCK, LLC

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ATLA VISTA MANOR

Quick construction to meet a tight construction schedule
Energy Savings
One product for structural strength, fire resistance and sound reduction community



The owners were equally interested in creating a safe haven for the retired community, and chose **ECD-BLOCK** for the protection against fire and high wind storms.

Not only could **ECD-BLOCK** be used for the structural walls, but also for the fire walls to partition the building, saving time and money with one trade doing both iobs.

Some insurance companies are now charging a premium during construction for use of wood due to increased fire hazard. The choice of concrete helps contain insurance costs. A locally owned and operated retirement residence, ALTA VISTA includes 218 spacious rooms on 5 floors plus a full underground garage. Each of the 14,500 ft² floors took only 4 weeks to complete, including the 5 days needed to place the pre-cast flooring.

ECD-BLOCK was chosen for the ease of use and ability to meet the tight construction schedule. This one product was used for exterior, corridor and demising walls, as well as the stair wells.

The **ECD-BLOCK** wall provides a Sound Transmission protection of 51, which easily meets the requirements for this type of construction.





ECD-BLOCK was able to conform to the standard building practice of using individual heating / cooling units in assisted living buildings. These allow for greater control by each room occupant. These units are mounted directly into the exterior walls, fitting into spaces that were blocked out for this purpose.

The superinsulated walls of the **ECD**-**BLDCK** system will reduce the temperature fluctuation of the units and offer a life-time of energy savings.