

The Alexander Residence



PROJECT OVERVIEW

Project Name:	The Alexander Residences
Project Type:	Specialty Application
Location:	Gravenhurst, Ontario
Size (sq.ft.)	77,223.20 sq. ft.
Installer:	Greystone Construction
Product(s) Used:	Amvic™ ICF

Q+A:

Q. What was the major benefit of using Amvic™ ICF over traditional construction methods? Describe how this project maximizes the advantages of ICF construction.

A. “This building is designed for maximum energy efficiency with a highly insulated, airtight envelope and strategic site orientation to optimize solar gains. It features triple-glazed windows, natural ventilation, LED lighting, Energy Star appliances, and high-efficiency heat recovery ventilators (HRVs). As a result, average heating demand is just 2.56 kWh/m² per month over six months, while cooling demand remains low at 0.80 kWh/m² per month during the warmer months.

We were able to successfully reduce the initial project costs from \$28M to \$20M with the introduction of several value engineering efforts, one of which was the change from double wood framed walls to ICF construction, without compromising the overall scope of the project.”



Alleguard Advantage

- Rigid continuous insulation
- Speed and ease of installation
- Energy-efficient and sustainable
- Lightweight, durable and easy to handle
- Innovative insulation solutions

Distributor Quote

"We manage our own contracting and chose the ICF brand after comparing costs, lead times, order turnaround, and the availability of accessories that streamline installation and meet project requirements. Amvic/Alleguard remains our preferred supplier due to their dependable technical support, efficient service, and timely deliveries."

Jon Morton
General Contractor



GREYSTONE

