

February/March 2009

ICF BUILDER

The Insulating Concrete Forms Magazine

ICF Builder Award Winners

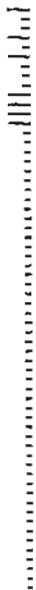
**Greening Our
Schools**

Trade Show Report

ICF Design 101

PERMIT #6563
S.L.C. UT 84199
PAID
US POSTAGE

11779
1 P79



\$4.95



Chelster Hall

Project Statistics

Location: Oakville, Ontario

Type: Private Residence

Size: 60,000 sq. ft. (15,000 sq. ft. unfinished)

ICF Use: 100% of Exterior walls, plus additional outbuildings and ICF Pool

Height: Approx. 35 feet high (intermediate floor)

Project Timeline

Total Construction: 1,200 days (2003-2007)

Construction Team

Owner: Undisclosed

Architect: The Hicks

Partnership/William R Hicks

General Contractor:

The Hicks Partnership/

William R Hicks

ICF Installer: HomeTek/

Ruby Abecassis

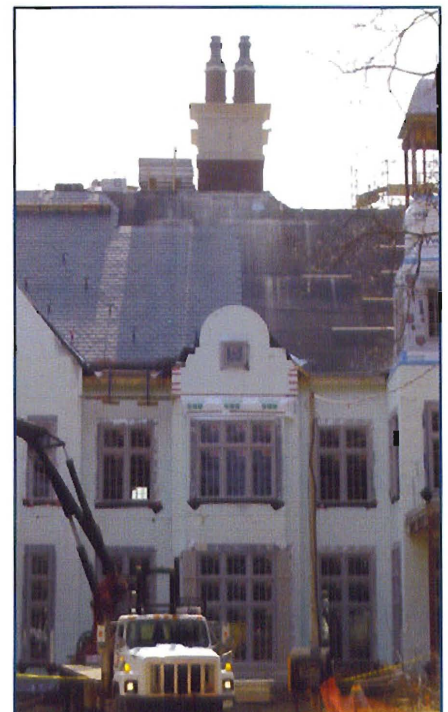
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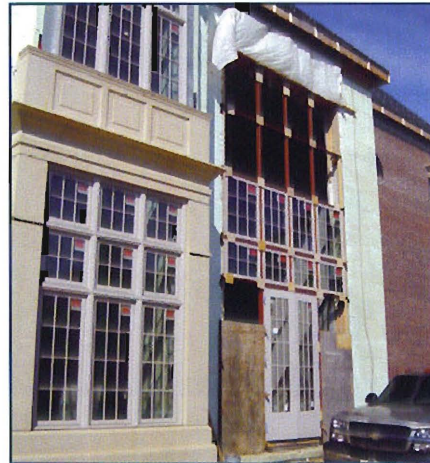
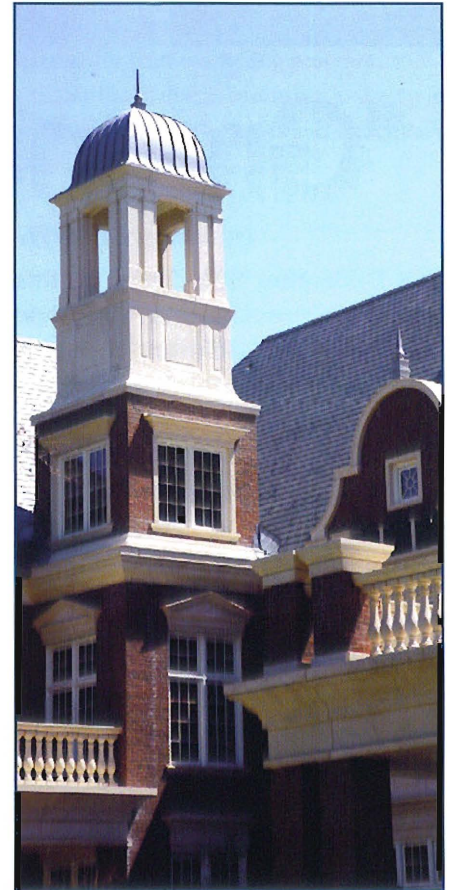
Archie Duiker

ICF System: Nudura

Fast Facts

- Modeled on the 17th Century Blickling Hall in Norfolk England
- Owner wanted a home that would last 1000 years
- Claimed to be largest private residence in Canada
- Perhaps the largest ICF home built to date.
- Zoned heating and cooling reduce energy costs
- Each story measures 16 feet floor-to-ceiling
- The 35-foot walls are all plumb within ¼ inch.
- Roof panelized off-site and installed in six sections
- Indoor ICF Pool walls measured 32'6" with no intermediate supports
- Project completed on-time and within budget.
- Attracted worldwide attention; TV and press coverage from the air (due to private owner prohibiting ground access.)





floorSPAN™

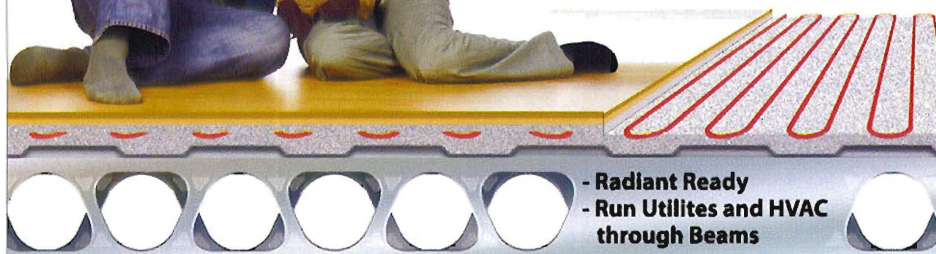
by Metwood

The Ultimate ICF Concrete Floor System

Do more in one pour with *floorSPAN*™. Because *floorSPAN*™ is based on Metwood's patented *SPANtechnologies*™, the system can accommodate large rooms with fewer vertical supports. *floorSPAN*™ is sure, solid, and Radiant Ready. For Decks and Mezzanines use *deckSPAN*™. Run utilities and HVAC right through Beams!

SPEED SCHEDULES

1. Install Beams.
2. Install Decking and Reinforcement.
3. Install Radiant Tubing.
4. Pour Floor.



- Radiant Ready
- Run Utilities and HVAC
through Beams



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