The owner believes his energy bills are approximately 80% lower than that of his neighbours.

This home features an air-tight Logix Platinum R28 envelope with all dormers and gable ends spray foamed to provide complimentary air-tightness.

Using triple-paned windows and LED lighting, the home achieved a HERS Rating of 32.

“This is an "ICF Home Done Right". Nothing over the top, but everything done right, from the optimized design to the selection of hardwood finishes.”

- DAN McCULLOUGH

THE "ICF HOME DONE RIGHT"

**Building Type**.........................Residential
**Location**.................................Bluffdale, UT
**Size**........................................2,200 sq. ft.
**Year Built**.................................2014

**Design Highlights**
R-28 Logix Platinum Series ICF with an 8” concrete core was chosen for this project. Slide-in R-8 Logix D-Rv Panels were also inserted in the exposed wall sections to bring those walls up to R-36. Fully-insulated Logix Pro Buck™ was used to buck the window and door openings. Six inches of EPS foam was utilized to insulate the basement slab, and triple pane windows completed the building envelope.

**Construction Facts**
The homeowner is a builder and he installed EVERY SINGLE Logix block himself. The Logix install was very efficient, coming in with a labor rate of 0.55 MH/sq. ft. He built one floor per week. The home had to be built a few feet higher than originally planned in order to be above the flood plain, resulting in 15’ high basement walls that provide a basement ceiling height of 10’.

Resilience, Sustainability & Comfort Notes
• This is the first home in the Northwest Territories to attain an Energuide 85 rating and earn the available $1,500 rebate. On March 12, 2018, the outside temperature was around -10° C and there was no heat on for the entire day. The temperature inside the home remained stable and over 21° C throughout the whole day.

“Sunset Builders will use this project to launch a construction business in the Northwest Territories market that will be focused on providing high-performance 2,000 sq. ft. homes with 3 bedrooms and 2 bathrooms.”

- DAVE LEBLANC, SUNSET BUILDERS

**Building Type** .........................Residential
**Location**.................................Yellowknife, NWT
**Size**.........................................2,200 sq. ft.
**Year Built**.................................2017

**Design Highlights**
R-28 Logix Platinum Series ICF with an 8” concrete core was chosen for this project. Slide-in R-8 Logix D-Rv Panels were also inserted in the exposed wall sections to bring those walls up to R-36. Fully-insulated Logix Pro Buck™ was used to buck the window and door openings. Six inches of EPS foam was utilized to insulate the basement slab, and triple pane windows completed the building envelope.

**Construction Facts**
The homeowner is a builder and he installed EVERY SINGLE Logix block himself. The Logix install was very efficient, coming in with a labor rate of 0.55 MH/sq. ft. He built one floor per week. The home had to be built a few feet higher than originally planned in order to be above the flood plain, resulting in 15’ high basement walls that provide a basement ceiling height of 10’.

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Click to watch a short Logix video.

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