

# THE HIGH-PERFORMANCE HOME IN THE NORTHWEST TERRITORIES

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'.



## 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

## CONTACT:

Lyle Hamilton, Vice President of Sales, Western Division  
[lyle@logixcf.com](mailto:lyle@logixcf.com) ■ 888.453.5961

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