

McDonald's

Dawson Creek, British Columbia, Canada



McDonald's contractor AHC saves six weeks on build cycle with the Insulspan SIP System

When Vancouver-based contractor **Alfred Horie Construction (AHC)** undertook the replacement of a McDonald's franchise in Dawson Creek, British Columbia, John Paone had a radical idea. He proposed that AHC could cut four to six weeks from the project timeline by using the **Insulspan® Structural Insulating Panel (SIP) System** in place of conventional framing.

"AHC is one of McDonald's primary contractors in British Columbia, so we knew that speed of construction is a priority for the client," said Paone. "We estimated that using SIPs could cut up to six weeks off the project's timeline, plus you have the added benefits of increased building performance and energy savings."

Insulspan's industry-leading, **ready-to-assemble (RTA)** system includes prefabricated panels with connection splines and framing lumber already installed. The Insulspan SIP System also provides a continuous layer of thermal insulation, reducing air leakage and improving energy efficiency.

At 8,600 sq. ft., the Dawson Creek franchise is larger than an

average McDonald's, but the AHC crew was able to dry-in the building in just 10 days.



"With SIPs, the framing is already encapsulated with sheathing and there is no need to add insulation," said Paone. "There are not a lot of electrical services in the lobby, so within a few days of drying-in, we were putting up drywall."

The Dawson Creek franchise is the first McDonald's in Canada built with the Insulspan SIP System.

"This is a test project and McDonald's has installed systems to monitor and assess energy use compared to their other buildings," said Paone. "So far, everyone is very impressed."

"I was a little worried at first, but when we looked into it, SIPs seemed like a good way to go," said project architect Peter Lovick of PJ Lovick Architect, Ltd. "In addition to saving construction time, you get a square building, it is easy to work with, we simplified the roof truss layout, and the sub trades have an easier time working in a building built with SIPs."