



RCMP "K" DIVISION HEADQUARTERS EDMONTON, ALBERTA, CANADA

We are very pleased with the fenestration component," says architect Ron Swart. "We went through and did an energy analysis and had to meet certain energy benchmarks for the federal government. We met those benchmarks right on."

"While the eight-year-old design is not a 'green building' by today's standards, nevertheless, we did have to satisfy certain energy consumption standards for a 24-hour/day occupied building. We chose to do that using Alberta-recommended levels of infrastructure wall insulation in conjunction with higher-performing insulating glass and solar shades."

"The insulating glass had to meet certain expectations, and it not only met but exceeded them. The glass is a significant part of the architectural expression of the building, and from that point, it was very important we succeed, which I think we did."

"One issue we had to pay attention to was that we were near the municipal airport. To date, we haven't heard of any noise complaints from the users—and the building is only about half a mile south of the primary runway."



TECHNICAL DETAILS OF THE PROJECT



THE CLIENT

Royal Canadian Mounted Police
"K" Division Headquarters

THE PROJECT

Constructed 1995-1996
Building Size: 276,000 sq.ft.

CONSTRUCTION

Windows: Bahrys Glass - Edmonton, Alberta
Frames: thermally-broken curtain wall
IG: AFGD Edmonton
dual pane, blue-tint outer lite
Comfort ES Low-e inner lite
poly-sulfide seal plus Super Spacer®

ARCHITECT

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