



THE BANFF CENTRE KINNEAR CENTRE FOR CREATIVITY & INNOVATION

BANFF, AB



QUICK FACTS

- + LEED® Gold
- + On time / on budget
- + 90,000 square feet
- + \$45-million Budget
- + Education / seminar rooms
- + Smith + Andersen Mechanical Design

PHOTO CREDIT: Tom Arban



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ABOUT THIS PROJECT

- + Instructional centre for students of the performing arts.
- + Spaces include a large, multi-storey atrium, classrooms, seminar rooms, offices, a multi-purpose room, a cafe, a kitchen, and a library.
- + Numerous environmental features earned the project LEED Gold.
- + Conditioned using variable speed air distribution systems located in the basement and in the penthouse (including economizer modes for dry, cool climates).
- + Condensing boiler technology for all perimeter and air side heating.
- + Chilled water cooling system uses air cooled chiller with remote evaporator for reduced maintenance requirements and reliable performance.
- + Careful consideration was taken to minimize equipment sound transmission.
- + Indirect conditioning to the atrium (three-storeys of interconnected floor space) provided energy savings. Atrium also equipped with a smoke exhaust system for building safety.
- + Kitchen exhaust system is variable speed to minimize fan energy.
- + Plumbing system uses efficient, gas fired domestic hot water tanks with full redundancy, as well as water saving fixtures including dual flush toilets.
- + Building is fully sprinklered.

LOCATION

Banff, AB

SMITH + ANDERSEN SERVICES PROVIDED

Mechanical

KEY TEAM MEMBERS

Diamond Schmitt Architects

SIZE

90,000 sq. ft. (8,364 sq. m.)

BUDGET

\$45 Million

COMPLETION YEAR

2010

SUSTAINABILITY

LEED Gold

HOT BUTTONS

MECHANICAL DESIGN

LEED GOLD

INSTRUCTION SPACES

PERFORMING ARTS

POST-SECONDARY



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