



KANANASKIS EMERGENCY SERVICES CENTRE

ABOUT THIS PROJECT

- + Replacement of aging existing facilities located within the same site.
- + Facility supports all emergency response within the region through a partnership with Alberta Health Services and Alberta Environment and Parks.
- + Two-storey building containing an administration facility, fitness area, crew quarters, locker rooms, meeting space, SCBA filling station, apparatus / storage bays, and training areas.
- + Unique features include cold storage for Alberta Parks, a decontamination area, an outdoor training facility, and a training hose tower.
- + Heating and cooling for the office side is provided through perimeter radiant panels and a variable air volume air handling unit with economizer.
- + Apparatus bay is provided with heat only, through in-floor radiant heating and overhead condensing gas-fired unit heaters. A cascading heating water strategy is used in the facility to maximize the efficiency of the two condensing boilers.
- + Additional energy saving measures such as condensing domestic water heaters and outdoor air / exhaust heat recovery are included.
- + FireSmart strategies are integrated into the building design, including a wildfire sprinkler system to protect the exterior of the building.

LOCATION

Kananaskis Improvement District,
AB

SMITH + ANDERSEN SERVICES PROVIDED

Mechanical

SIZE

25,900 sq. ft. (2,407 sq. m.)

BUDGET

Confidential

COMPLETION YEAR

2019

SUSTAINABILITY

LEED Silver (Target)

HOT BUTTONS

EMERGENCY SERVICES

OFFICE SPACE

SUSTAINABLE DESIGN

MECHANICAL DESIGN

LEED SILVER

COLD STORAGE



Rendering courtesy of IBI Group Inc.