

CFMS CONSULTING INC.

PROJECT PROFILE



WZMH Architects/Gibbs Gage Architects
Rendering by Gibbs Gage Architects

CENTENNIAL PLACE, C2 LANDS CALGARY, ALBERTA

Located in downtown Calgary, this complex consists of two towers and a retail podium plus parkade. Phase one consists of a 40 storey tower, full retail podium, and 4.5 levels of below grade parking. The Phase 2 tower, with a total of 23 tenant floors will be situated above the west portion of the Phase 1 parking.

The project is registered to obtain LEED Silver certification, setting the new minimum standard for green building design.

Mechanically, each phase will be served by independent central plants located in the penthouse levels. A chilled water re-claim loop has been provided on ventilation air systems to reduce energy usage by pre-heating outside air when heating, and increasing chiller efficiencies when cooling is required.

The boiler plant features condensing boilers for improved overall plant efficiency. Variable speed pumps and variable speed cooling towers are also included to provide energy savings.

Air handler heating coils, and perimeter heating have been designed for low grade heating water temperatures to maximize the condensing boiler efficiency.

Services provided by CFMS include LEED Fundamental and Enhanced Commissioning.

Statistics:

Gross Floor Area
180,000 m² (1.9 M sf)

Construction Cost
Total \$ 370 M (est.)
Mechanical \$ 55 M (est.)

Reference
WZMH Architects
Mr. Jay Bigelow
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GOAL: LEED CS Gold