

Project Profile

Statistics:

GROSS FLOOR AREA

Phase 1: 38,500 sm (415,000 sf) Parkade
84,700 sm (911,400 sf) Tower
Phase 2: 55,700 sm (600,000 sf)

CONSTRUCTION COST

Phase 1:-Total \$ 250,000,000
-Mechanical \$ 35,000,000
Phase 2:-Total \$ 120,000,000
-Mechanical \$ 20,000,000

REFERENCE

WZMH Architects
Mr. Jay Bigelow
416.961.4111

PROJECT STATUS

Completed 2010



**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 Gold 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.