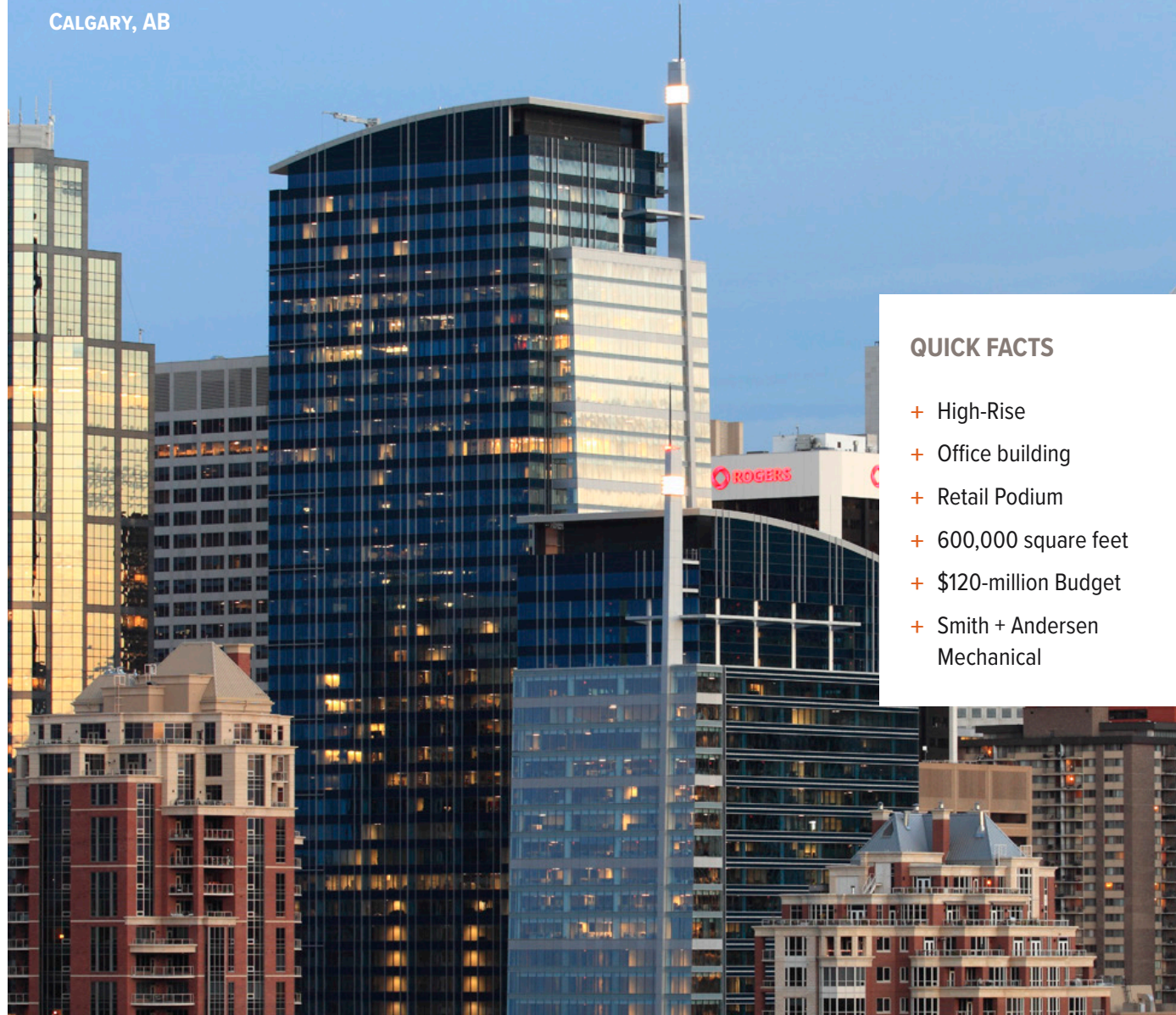




# CENTENNIAL PLACE (PHASES 1 & 2)

CALGARY, AB



## QUICK FACTS

- + High-Rise
- + Office building
- + Retail Podium
- + 600,000 square feet
- + \$120-million Budget
- + Smith + Andersen Mechanical



PHOTO CREDIT: Gibbs Gage Architects



# CENTENNIAL PLACE (PHASES 1 & 2)

## ABOUT THIS PROJECT

- + Two office towers and a retail podium plus parkade.
- + Phase 1 consisted of a 40-storey tower, full retail podium, and 4.5 levels of below grade parking.
- + Phase 2 tower (with a total of 23 tenant floors) is situated above the west portion of the Phase 1 parking.
- + Achieved LEED Core and Shell 1.0 Gold rating, setting the new minimum standard for green building design.
- + Mechanically, served each phase by independent central plants located in the penthouse levels.
- + Provided a chilled water re-claim loop on ventilation air systems to reduce energy usage by pre-heating outside air when heating, and increasing chiller efficiencies when cooling is required.
- + Boiler plant features condensing boilers, variable speed pumps, and variable speed cooling towers 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.

### LOCATION

Calgary, AB

### SMITH + ANDERSEN SERVICES PROVIDED

Mechanical

### KEY TEAM MEMBERS

WZMH Architects

### SIZE

600,000 sq. ft. (55,700 sq. m.)

### BUDGET

\$120 Million

### COMPLETION YEAR

2010

### SUSTAINABILITY

LEED Core and Shell 1.0 Gold

## HOT BUTTONS

OFFICE SPACES

NEW BUILD

LEED CORE

HIGH-RISE

SUSTAINABLE DESIGN

PARKING



PHOTO CREDIT: Gibbs Gage Architects