



# CALGARY CITY CENTRE

CALGARY, AB

## QUICK FACTS

- + 36-storey High-Rise Tower
- + Office Building
- + Award-winning Design
- + BIM Design Solutions
- + One million square feet
- + Designed to LEED® Platinum Standards
- + Smith + Andersen Mechanical





# CALGARY CITY CENTRE

## ABOUT THIS PROJECT

- + Class-A, 36-storey tower development (853,032 square foot office tower sitting on a podium containing street level retail, and five levels of below grade parking),
- + Features a three-storey lobby as the main entrance to the development.
- + Complete with a high performance envelope to reduce energy consumption and minimize the size of the mechanical infrastructure.
- + Design completed in BIM.
- + Some of the mechanical energy-saving features include three highly-efficient centrifugal water chillers (to provide the cooling to the facility and free cooling of chilled water with ventilation air to reduce natural gas consumption).
- + Includes a waterside economizer to produce chilled water to the facility without mechanical cooling and perimeter radiant heating uses reduced pumping requirements for electricity savings.
- + Hybrid high efficiency condensing boilers with mid-efficiency force draft boilers maximize the usage of natural gas while providing the required building heat.
- + Provided tenant supplementary cooling systems with induced draft cooling towers to minimize fan horsepower.

### LOCATION

Calgary, AB

### SMITH + ANDERSEN SERVICES PROVIDED

Mechanical

### KEY TEAM MEMBERS

Zeidler Partnership and BKDI  
Architects

### SIZE

1,000,000 sq. ft. (93,000 sq. m.)

### BUDGET

Confidential

### COMPLETION YEAR

2016

### SUSTAINABILITY

LEED Platinum Core + Shell  
Development

### AWARDS

Alberta Construction Magazine  
Top Projects, *Commercial Over  
\$50 Million* (2015)

## HOT BUTTONS

OFFICE BUILDING

BIM (REVIT)

HIGH-RISE

LEED PLATINUM

NEW BUILD

