



ICE DISTRICT EDMONTON TOWER

EDMONTON, AB



QUICK FACTS

- + Office Tower
- + High Rise
- + LEED® Gold
- + Award-Winning Project
- + More than 740,000 square feet
- + \$210-million Budget
- + Smith + Andersen Mechanical



ICE DISTRICT EDMONTON TOWER

ABOUT THIS PROJECT

- + Located in the ICE District, a mixed-use sports and entertainment district located in downtown Edmonton (the largest of its kind in Canada).
- + Engaged as the mechanical consultant for Block D (Edmonton Tower).
- + 27-storey office building features a three-storey podium, conference spaces, an outdoor terrace, and a daycare with a rooftop playground.
- + Sustainability was a key feature for the entire ICE District, and this tower successfully achieved LEED Gold certification in 2016.
- + The tower is unique mechanically, incorporating many energy-saving features.
- + At the forefront of technology, the building utilizes chilled beams for the interior, and variable flow, non-condensing fan coil units with electronically-commutated motors on the perimeter. The rationale for this system evolved from a need to reduce the size of the core and manage building height, which our team successfully coordinated.
- + Chilled beams also offer ideal comfort conditions to the interior zones by maintaining constant ventilation rates.
- + The variable flow and dedicated outside air delivery elements gained energy points toward the tower's LEED certification.

LOCATION
Edmonton, AB

**SMITH + ANDERSEN
SERVICES PROVIDED**
Mechanical

SIZE
Block D: 749,868 sq. ft..
(69,665 sq. m)
Total Floor Area Involvement:
4,749,285 sq. ft. (441,223 sq. m.)

BUDGET
\$210 Million

COMPLETION YEAR
2016

SUSTAINABILITY
LEED Gold

AWARDS
BOMA Edmonton Awards,
*Building Operations Team of the
Year (2021)*

Consulting Engineers of Alberta
Showcase Awards,
*Award of Excellence (Building
Engineering - Commercial) (2019)*

CanBIM Awards,
*Design and Engineering Award
(2016)*

HOT BUTTONS

OFFICE

HIGH RISE

NEW BUILDING

SUSTAINABLE DESIGN

MECHANICAL DESIGN

LEED GOLD

