



ROYAL ALBERTA MUSEUM

EDMONTON, AB

QUICK FACTS

- + Western Canada's Largest Museum
- + Exhibition Fit-Up
- + 419,000 square feet
- + \$375.5-million budget
- + Canadian Consulting Engineering Awards, *Award of Excellence* (2019)
- + Canadian Green Building Council, *Green Building Excellence Award New Construction* (2019)
- + Smith + Andersen Mechanical and Electrical Design





ROYAL ALBERTA MUSEUM

ABOUT THIS PROJECT

- + Provided mechanical and electrical design services for an extensive exhibition fit-out of the new Royal Alberta Museum.
- + Worked in tandem with the architect to transform the interior into an impressive and contemporary exhibition space devoted to human and natural history.
- + Coordinated with the speciality consultants providing lighting, communications, and audio-visual design to effectively manage the project and support the goals of all stakeholders.
- + Electrical design included the power systems for several aquariums and life safety devices for animals, and all changes were connected with the base building for life safety systems.
- + Mechanical design provided the services required by the exhibit installation team that would bring several speciality and interactive exhibits to life.
- + Systems design met the high environmental standards required for specialty tanks housing live sturgeon and turtles, a display where tiny droplets of water are crystallized in real time, and a nursery where exotic bugs are bred and hatched.

LOCATION
Edmonton, AB

**SMITH + ANDERSEN
SERVICES PROVIDED**
Mechanical, Electrical

SIZE
419,000 sq. ft. (8,926 sq. m.)

BUDGET
\$375.5 Million

COMPLETION YEAR
2018

AWARDS
Canadian Consulting Engineering
Awards, *Award of Excellence*
(2019)

Canadian Green Building Council,
Green Building Excellence Award
New Construction (2019)

HOT BUTTONS

MUSEUM

FIT-UP SPACE

GOVERNMENT

ELECTRICAL DESIGN

MECHANICAL DESIGN

