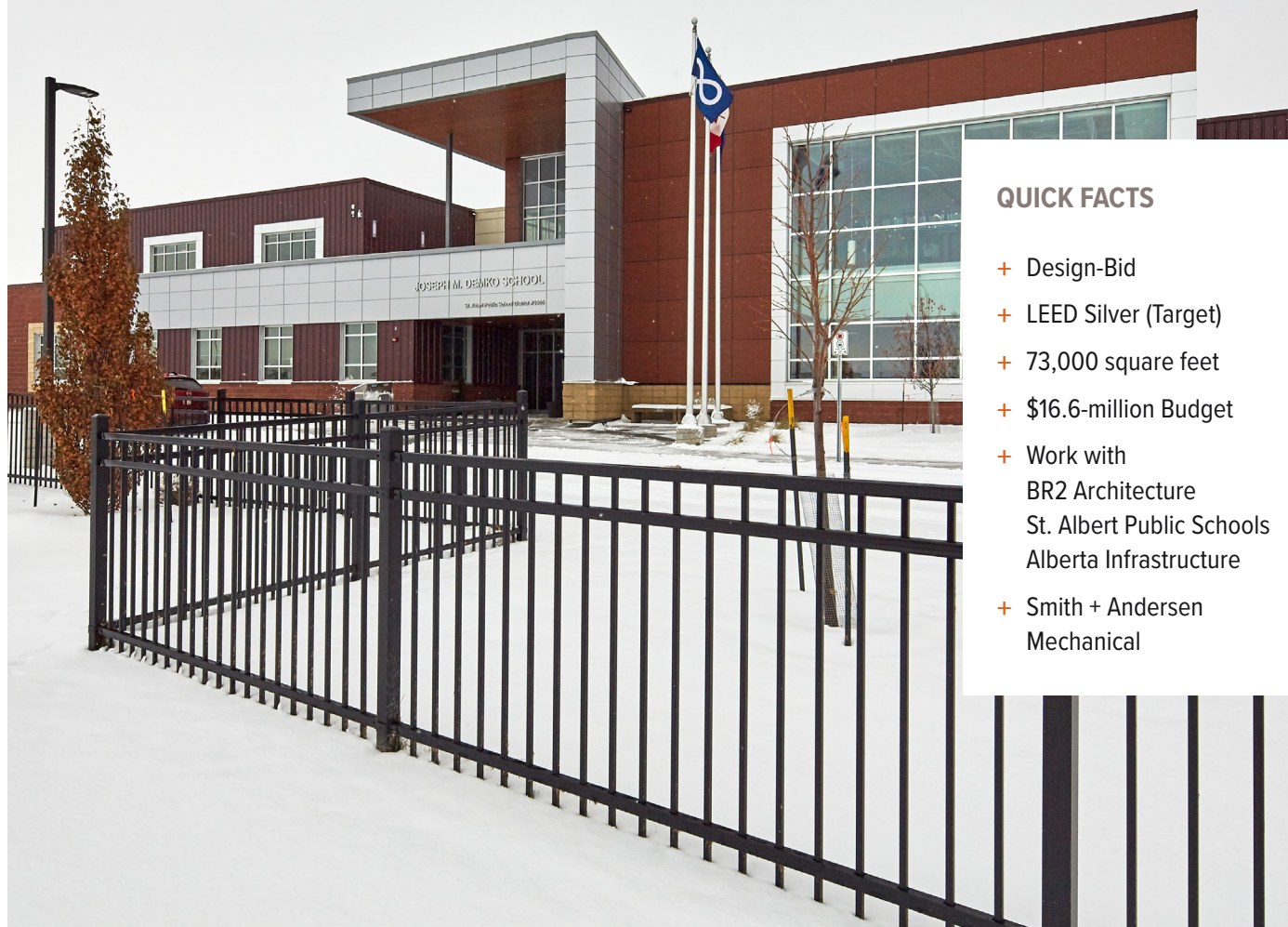




JOSEPH M. DEMKO (K-9)

ST. ALBERT, AB



QUICK FACTS

- + Design-Bid
- + LEED Silver (Target)
- + 73,000 square feet
- + \$16.6-million Budget
- + Work with
BR2 Architecture
St. Albert Public Schools
Alberta Infrastructure
- + Smith + Andersen
Mechanical





JOSEPH M. DEMKO SCHOOL (K-9)

ABOUT THIS PROJECT

- + Part of the Alberta Government’s commitment to build 15 schools to cater for the growing population.
- + Two-storey school, including classrooms, two gymnasiums (one multi-purpose), a technology classroom, and several modular classrooms.
- + Mechanical designs maximized the space available in the school while prioritizing comfort for learning.
- + Designs included displacement ventilation and perimeter radiation.
- + Designed to target 11 Energy and Atmosphere (EA) credits, 34% below ASHRAE 90.1 model building.
- + Mechanical design includes Variable Air Volume (VAV) boxes, allowing the school to use only the required ventilation for each room.
- + Designed to provide thermal comfort and proper ventilation to facilitate learning.

LOCATION
St. Albert, AB

**SMITH + ANDERSEN
SERVICES PROVIDED**
Mechanical

KEY TEAM MEMBERS
BR2 Architecture
St. Albert Public Schools
Alberta Infrastructure

SIZE
73,000 sq. ft. (6,787 sq. m.)

BUDGET
\$16.6 Million

COMPLETION YEAR
2019

SUSTAINABILITY
LEED® Silver (Target)

HOT BUTTONS

EDUCATION

LEED SILVER

MECHANICAL DESIGN

K-9

DESIGN-BID

