UNIVERSITY OF CALGARY (U OF C)
TAYLOR INSTITUTE FOR TEACHING AND LEARNING

CALGARY, AB

QUICK FACTS

+ Award-winning Mechanical Design
+ Academic Spaces
+ Theatre Space
+ LEED® Gold
+ Net Zero Ready
+ On time / on budget
+ Energy-efficient Design
+ 43,000 square feet (approx.)
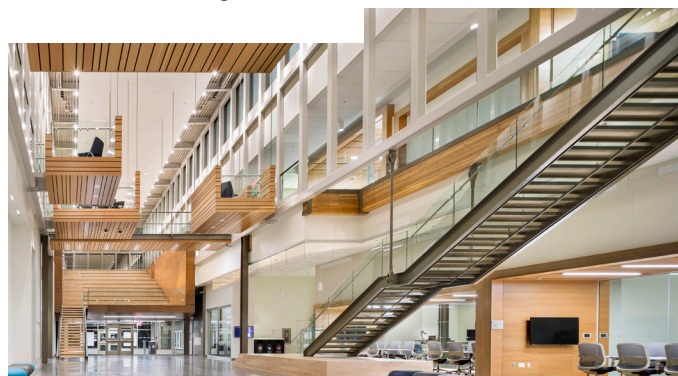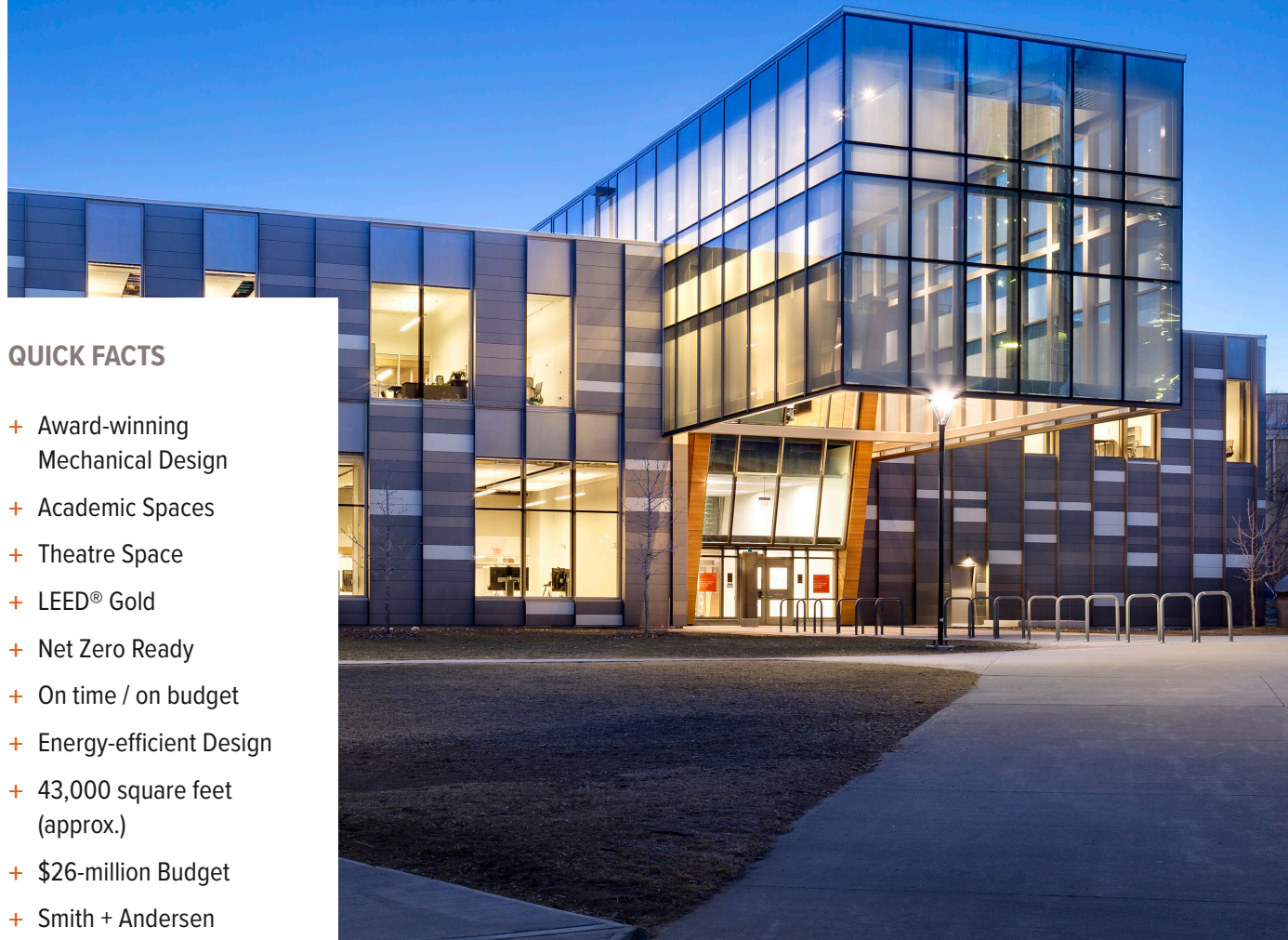+ $26-million Budget
+ Smith + Andersen Mechanical Design

PHOTO CREDIT: Gibbs Gage Architects

UNIVERSITY OF CALGARY (U OF C) TAYLOR INSTITUTE FOR TEACHING AND LEARNING

ABOUT THIS PROJECT

+ Teaching Facility constructed on the old Nickle Arts Museum site (U of C Main Campus).

+ Includes a 400-seat theatre designed to host web / video conferencing.

+ Designed with dedicated outdoor air ventilation system, in conjunction with slab heating / cooling, chilled beams and under floor displacement air distribution.

+ Ultra-low energy mechanical system.

+ Achieved the maximum 19 energy points on the LEED NC 2009 Energy and Atmosphere Credit 1 (EA Credit 1).

+ Modeled to be 72% more efficient than the Model National Energy Code for Buildings baseline.

+ Final Energy Use Intensity (EUI) for the building was reported as 51.8 kBTU/ft².

HOT BUTTONS

MECHANICAL DESIGN   LEED GOLD   POST-SECONDARY   BIM (REVIT)

CM DELIVERY   ULTRA-LOW ENERGY   NET ZERO READY

PHOTO CREDIT: Gibbs Gage Architects

LOCATION
Calgary, AB

SMITH + ANDERSEN SERVICES PROVIDED
Mechanical

KEY TEAM MEMBERS
University of Calgary
Gibbs Gage Architects

SIZE
43,000 sq. ft. (4,000 sq. m.)

BUDGET
$26 Million

COMPLETION YEAR
2015

SUSTAINABILITY
LEED Gold
Net Zero Ready

AWARDS
High Performance Building Magazine *Spring Edition Cover* (2018)

ASHRAE Technology Awards (Society) *Second Place, New Education Category* (2018)

ASHRAE Technology Awards (Region XI) *First Place, New Education* (2017)

Alberta Construction Magazine Top Projects *Institutional, Under $50-Million* (2015)

Alberta Construction Magazine Top Projects *Institutional, Design* (2015)