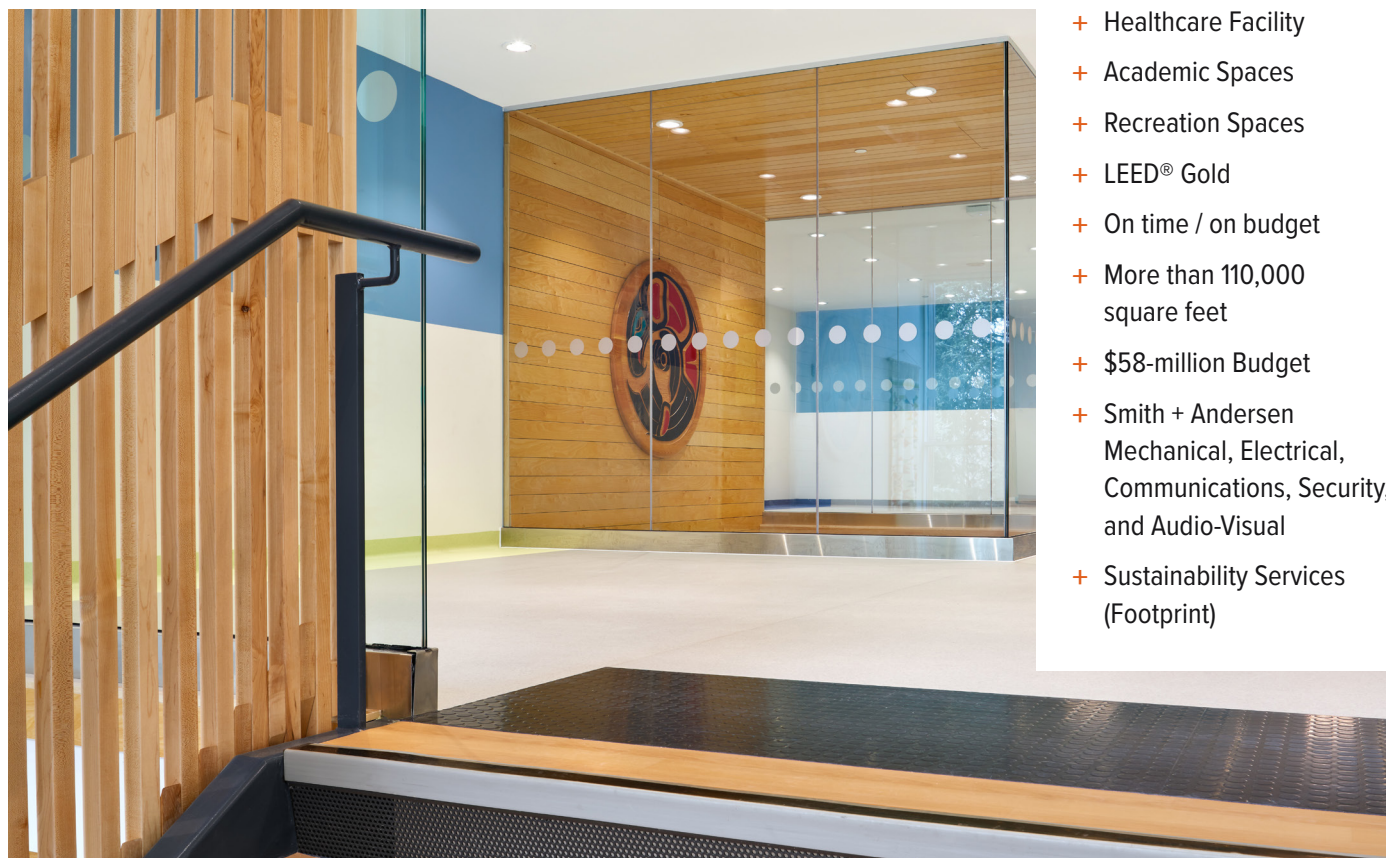




HEALING SPIRIT HOUSE

COQUITLAM, BC



QUICK FACTS

- + Healthcare Facility
- + Academic Spaces
- + Recreation Spaces
- + LEED® Gold
- + On time / on budget
- + More than 110,000 square feet
- + \$58-million Budget
- + Smith + Andersen Mechanical, Electrical, Communications, Security, and Audio-Visual
- + Sustainability Services (Footprint)



HEALING SPIRIT HOUSE

ABOUT THIS PROJECT

- + Part of the redevelopment of the Riverview Lands in Coquitlam.
- + Located on the Coquitlam First Nations group campus, which required the incorporation of a First Nations criteria into the design-build project.
- + Features academic and recreational spaces, as well as a 38-bed treatment facility.
- + Houses two mental health programs: The Maples Adolescent Treatment Centre (provided by the Ministry of Children and Family Development), and The Provincial Assessment Centre (provided by Community Living British Columbia).
- + Central heating and cooling plants consisted of high efficiency condensing boilers, and air cooled chillers.
- + Heat recovery chiller captures waste heat to reheat the building year-round.
- + Provided with 100% outdoor air, the residence wings include wheels that reclaims heat from the washroom and general exhaust. Included variable air volume (VAV) boxes in the design of the academic and recreational spaces to moderate the air flow as well as conserve fan energy.
- + Incorporated lighting controls such as daylighting, occupancy sensors, building automated system, and dimmer switches to provide the optimal light levels throughout the facility.

LOCATION
Coquitlam, BC

**SMITH + ANDERSEN
SERVICES PROVIDED**
Mechanical, Electrical,
Communications, Security,
Audio-Visual, Sustainability
(Footprint)

KEY TEAM MEMBERS
PCL Constructors Westcoast
HDR

SIZE
110,276 sq. ft. (10,245 sq. m.)

BUDGET
\$58 Million

COMPLETION YEAR
2019

SUSTAINABILITY
LEED® Gold

HOT BUTTONS

MENTAL HEALTH

ENERGY MODELLING

DESIGN-BUILD

LEED GOLD

FIRST NATIONS

ELECTRICAL DESIGN

MECHANICAL DESIGN

LOW VOLTAGE SYSTEMS

