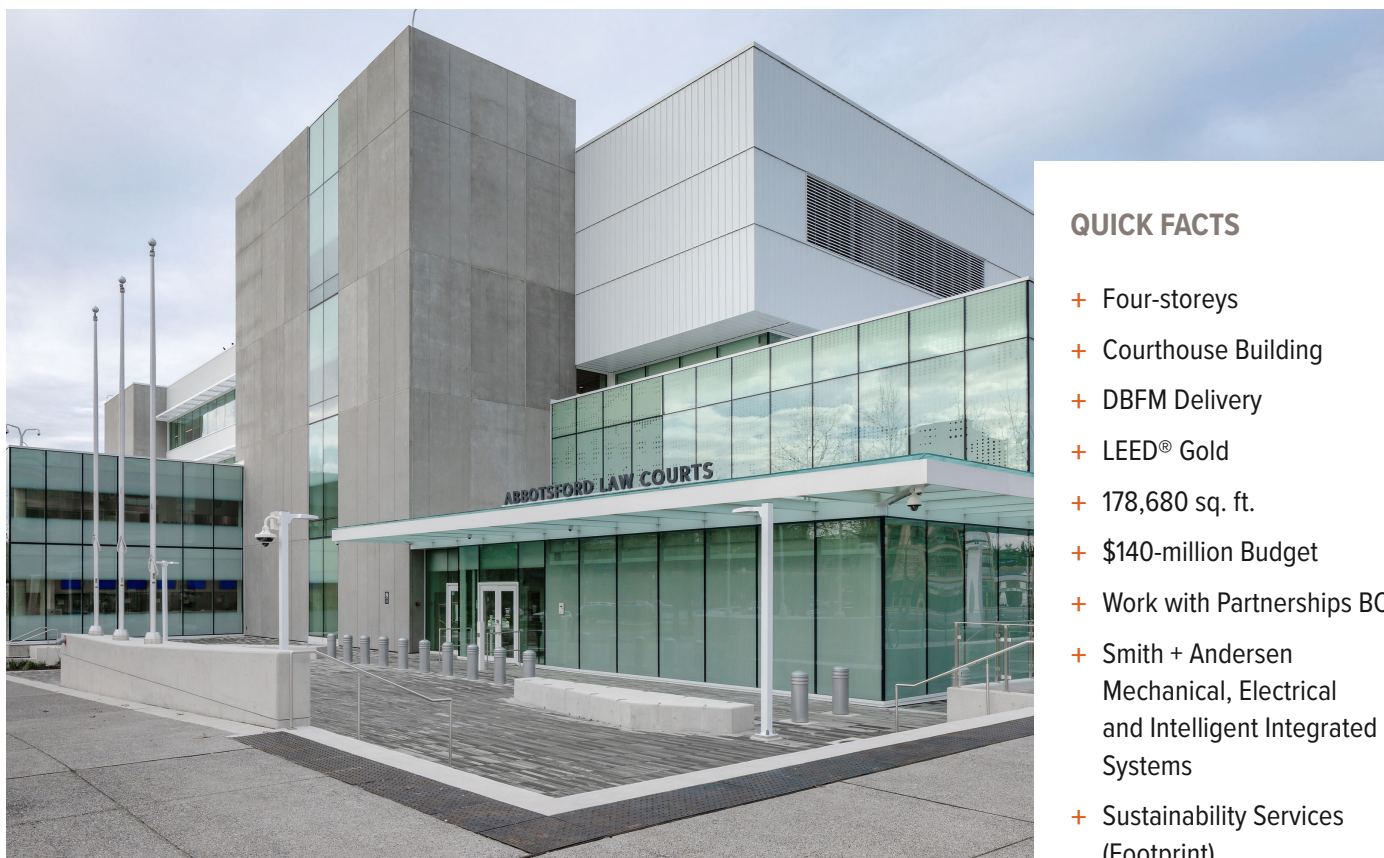




ABBOTSFORD LAW COURTS

ABBOTSFORD, BC



QUICK FACTS

- + Four-storeys
- + Courthouse Building
- + DBFM Delivery
- + LEED® Gold
- + 178,680 sq. ft.
- + \$140-million Budget
- + Work with Partnerships BC
- + Smith + Andersen Mechanical, Electrical and Intelligent Integrated Systems
- + Sustainability Services (Footprint)



ABBOTSFORD LAW COURTS

ABOUT THIS PROJECT

- + Four-storey courthouse within the City Centre Civic Precinct, featuring 14 rooms and three Supreme Court courtrooms, eight Provincial Court courtrooms, and three judicial conference rooms.
- + Includes programs such as Crown counsel, community corrections, and a Justice Access Centre, as well as a parkade.
- + Mechanical design included six indoor air handling units, which serve the facility's courtrooms, court administration rooms, judges' chambers, holding areas, and public circulation spaces.
- + Special consideration given to the system's redundancy and isolation of the various air streams to eliminate the risk of contaminating secure areas.
- + Cooling provided through the use of three air-cooled chillers, and heated with three natural gas-fired condensing boilers.
- + Provided protection of sensitive exhibits and evidence storage areas through installed clean agent fire protection systems.
- + Incorporated modern integrated systems that support secure networks for a diverse user group, including security and building automation systems for judicial and public rooms.
- + Electrical design included a single-ended unit substation and generator, with N+1 UPS power for life safety and backup power.

HOT BUTTONS

CIVIC	COURTROOM	DBFM	SUSTAINABLE DESIGN
INTEGRATED SYSTEMS	MECHANICAL DESIGN	ELECTRICAL DESIGN	LEED GOLD



LOCATION
Abbotsford, BC

SMITH + ANDERSEN SERVICES PROVIDED
Mechanical, Electrical, Intelligent Integrated Systems, Sustainability (Footprint)

KEY TEAM MEMBERS
Partnerships BC
Ministry of Attorney General
Plenary PCL Justice
WZMH Architects
PCL Constructors Westcoast
Johnson Controls

SIZE
178,680 sq. ft. (16,600 sq. m.)

BUDGET
\$140 Million

COMPLETION YEAR
2020

SUSTAINABILITY
LEED® Gold

AWARDS
Vancouver Regional Construction Association Awards of Excellence, Mechanical Contractors - Over \$9 Million (2021)