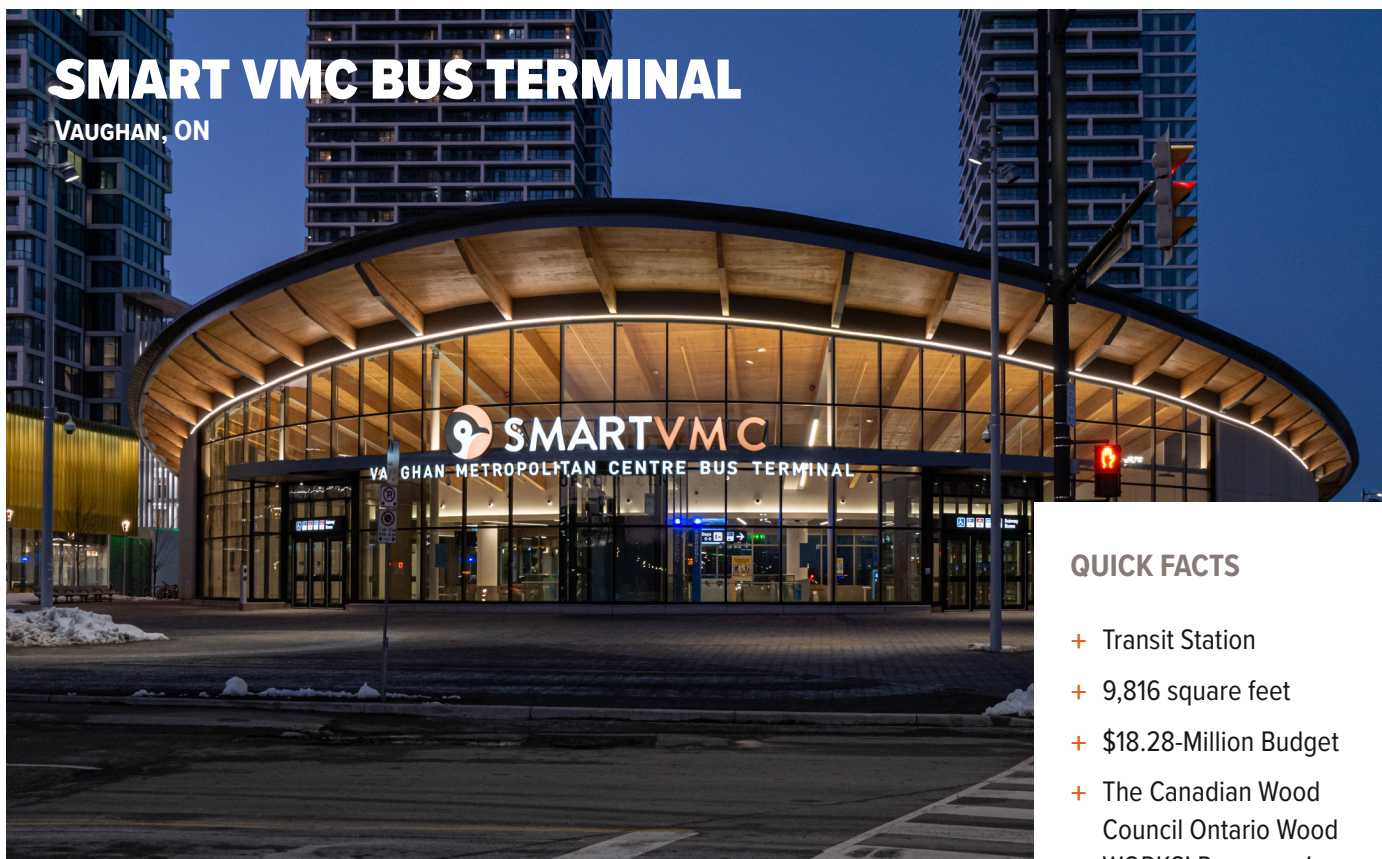




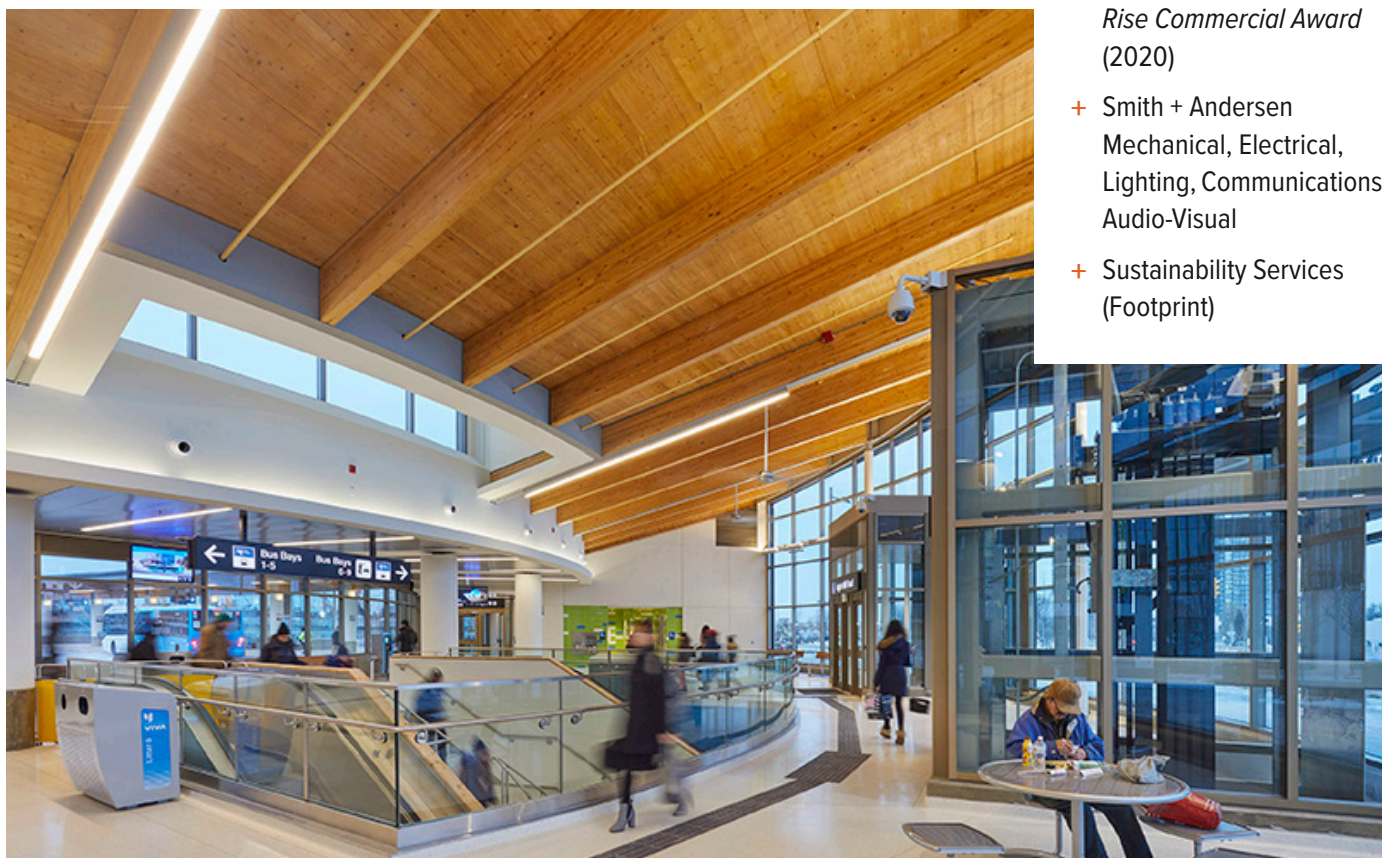
SMART VMC BUS TERMINAL

VAUGHAN, ON



QUICK FACTS

- + Transit Station
- + 9,816 square feet
- + \$18.28-Million Budget
- + The Canadian Wood Council Ontario Wood WORKS! Program, *Low Rise Commercial Award* (2020)
- + Smith + Andersen Mechanical, Electrical, Lighting, Communications, Audio-Visual
- + Sustainability Services (Footprint)





SMART VMC BUS TERMINAL

ABOUT THIS PROJECT

- + Provides necessary connections (through underground pedestrian tunnels) to the Toronto Transit Commission (TTC) and York Regional Transit (YRT).
- + Engaged as the mechanical, electrical, and lighting design consultants.
- + Provided predominantly heating only, with cooling provided to public areas by fan-assisted natural ventilation and ceiling fans during summer months to uphold sustainability goals.
- + Heating system consists of two efficient condensing boilers employing glycol and a staged cascading heating loop.
- + All outdoor air is pre-treated before entering the building with reclaimed heat from exhaust air, either by an enthalpy recovery wheel in the roof top unit or an energy recovery ventilator (ERV) unit serving the staff areas.
- + Uses low-flow plumbing fixtures to limit potable water usage.
- + The exposed structure is a key architectural feature, requiring careful coordination of ductwork, piping, and sprinklers to complement the architectural design.
- + Lighting design included direct and indirect LED lighting with a daylight control in the main concourse to help reduce energy consumption using natural light.
- + LED lighting is provided along the underside of the covered platform.

LOCATION

Vaughan, ON

SMITH + ANDERSEN SERVICES PROVIDED

Mechanical, Electrical, Lighting,
Communications, Audio-Visual,
Sustainability (Footprint)

KEY TEAM MEMBERS

Diamond Schmitt Architects

SIZE

9,816 sq. ft. (912 sq. m.)

BUDGET

\$18.28 Million

COMPLETION YEAR

2019

AWARDS

The Canadian Wood Council
Ontario Wood WORKS! Program,
Low Rise Commercial Award
(2020)

HOT BUTTONS

BUS / TRAIN

GOVERNMENT

AUDIO-VISUAL

LIGHTING

