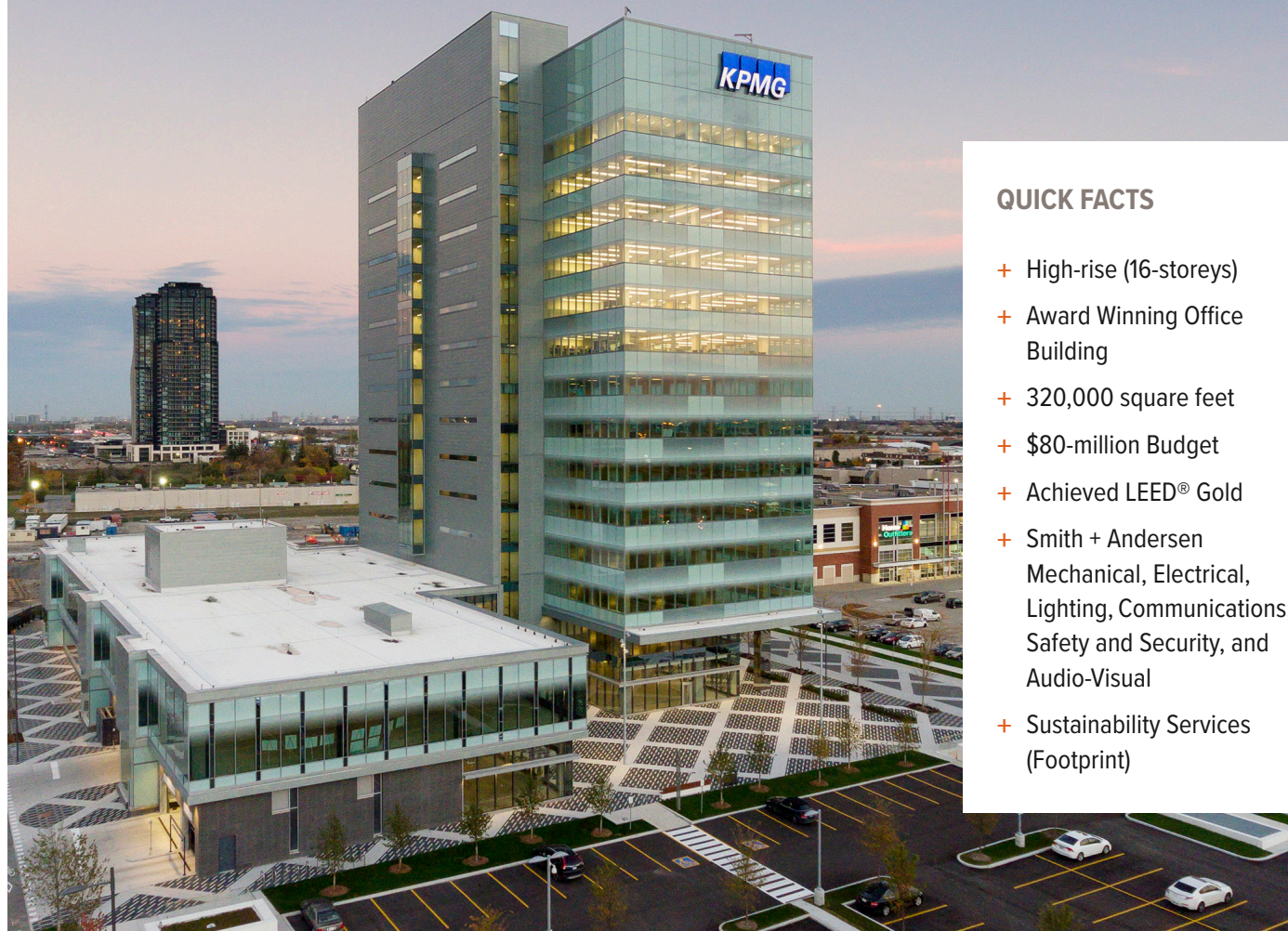# VAUGHAN METROPOLITAN CENTRE
KPMG OFFICE TOWER

VAUGHAN, ON

QUICK FACTS

+ High-rise (16-storeys)

+ Award Winning Office Building

+ 320,000 square feet

+ $80-million Budget

+ Achieved LEED® Gold

+ Smith + Andersen Mechanical, Electrical, Lighting, Communications, Safety and Security, and Audio-Visual

+ Sustainability Services (Footprint)

PHOTO CREDIT: TOM ARBAN PHOTOGRAPHY

VAUGHAN METROPOLITAN CENTRE
KPMG OFFICE TOWER

ABOUT THIS PROJECT

+ The first building in the long-term development of the Vaughan Metropolitan Centre, this 16-storey core and shell office building includes ground floor retail, and a two-storey retail wing.

+ Includes surface parking, an exterior civic plaza, and two-levels of underground parking directly-connected to the subway station.

+ Heating, ventilation, and air conditioning (HVAC) systems include: magnetic-bearing chillers (with variable primary flow pumping); condensing boilers with variable secondary flow pumping on an outside air temperature reset schedule; and a variable flow 100% outside-air enthalpy recovery air handler serving compartment units with demand control ventilation.

+ Achieved improved indoor air quality and thermal comfort through using under-floor air distribution on all office floors, demand control ventilation, and minimum efficiency reporting value thirteen filters on all air handlers and compartment units.

+ Minimize potable water usage with low-flow plumbing fixtures and reclaiming rain water stored in a cistern in the parking level.

+ Provided a fully-redundant condenser water system, complete with free cooling capabilities for retail suites and tenant process loads.

+ Electrical services include complete power distribution, fire alarm, and lighting design.

HOT BUTTONS

OFFICE BUILDING   RETAIL STORES   TENANT   LEED GOLD

AUDIO-VISUAL   BAS   SUSTAINABLE DESIGN   TELECOMMUNICATION

PHOTO CREDIT: TOM ARBAN PHOTOGRAPHY