



CLARIDGE ICON

OTTAWA, ON

QUICK FACTS

- + High-Rise (45-storeys)
- + Multi-Unit Residential Building
- + 272,500 square feet
- + Smith + Andersen Mechanical, Electrical, and Lighting
- + Sustainability Services (Footprint)



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CLARIDGE ICON

ABOUT THIS PROJECT

- + One of Ottawa's tallest buildings at 45-storeys high.
- + Includes 10 levels of underground parking, ground floor retail spaces, two floors of commercial space, and 320 condo units.
- + Engaged as the mechanical, electrical, and specialty lighting design consultants.
- + Mechanical design challenges included low floor-to-floor heights, high pressures due to the height of the building, and limited space on each floor.
- + Mechanical solutions included high efficiency domestic booster pumps that serve the whole building, energy recovery ventilators, and high efficiency air cooled chillers on the roof.
- + Electrical design challenges posed by the building's small plot of land and having to coordinate electrical services in a glass enclosed building.
- + Electrical systems feature a diesel generator located at the top of the tower , with the ten-storey parking garage lit via LED light fixtures and controlled via local occupancy sensors.
- + Specialty lighting team designed the flood lighting for the crown of the building.

LOCATION

Ottawa, ON

SMITH + ANDERSEN SERVICES PROVIDED

Mechanical, Electrical, Lighting,
Sustainability Services (Footprint)

KEY TEAM MEMBERS

Hariri Pontarini Architects
Claridge Homes

SIZE

272,500 sq. ft. (25,316 sq. m.)

BUDGET

Confidential

COMPLETION YEAR

2022

HOT BUTTONS

RESIDENTIAL

DESIGN REVIEW

HIGH-RISE

SUSTAINABLE DESIGN

MECHANICAL DESIGN

ELECTRICAL DESIGN

LIGHTING DESIGN

PARKADE

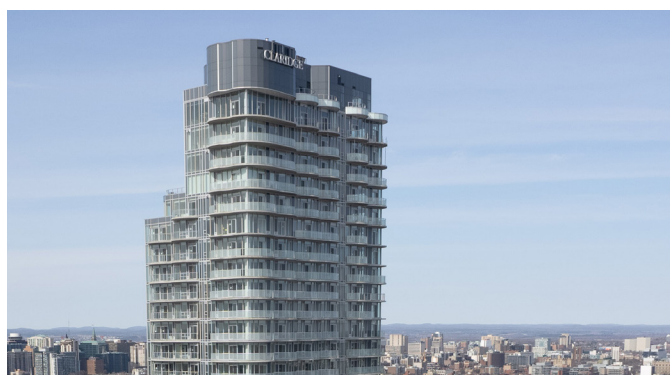


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