

 **PROJECT PROFILES**



VMC – PWC TOWER, YMCA AND LIBRARY

VAUGHAN, ON

Client: Smart Centres

Size/Area: 220,000 square feet (20,439 square metres)

Cost: \$25 million

PwC-YMCA Tower is a mixed-use building with Class A office space and a new Centre of Community for the Vaughan Metropolitan Centre. PwC and Scotiabank will occupy the office space. The City of Vaughan has a new Vaughan Public Library branch, performing arts studios, and a community kitchen. The YMCA of Greater Toronto has a new flagship location. The facility will offer a large pool, fitness area, gym, conditioning room, youth zone, fitness studios, and community rooms, along with a range of classes.

HVAC systems consist of a hot water heating plant, glycol heating plant, chilled water plant, domestic cold water booster system, reclaimed rainwater system, variable volume air handling units with heat recovery (enthalpy) wheels, underfloor air distribution system and LV lighting controls with occupancy sensors and daylight harvesting. The building has full DDC control down to and including the individual spaces.

SERVICES PROVIDED BY CFMS:

- Contract document review
- Commissioning coordination
- Installation review from a commissioning prospective
- Witnessing static and dynamic contractor tests
- Verification of DDC system and BAS
- 100% performance testing of HVAC & lighting control systems
- Co-ordination of mechanical & electrical equipment and systems training
- Development of systems design & re-commissioning manual
- Seasonal performance testing of HVAC systems.

REFERENCE:

Smart Centres

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