



Halton Regional Police Service



Architects: **AECOM Canada Architects Ltd.**
Consultants: **AECOM Canada Architects Ltd.**

Milton Police Station:

Four platoons of uniform officers, led by a Staff Sergeant and supported by an Inspector and civilian staff, are responsible for delivering frontline policing services 24 hours a day, 365 days a year.

The Milton police station is the primary reporting facility for staff working in the Milton/Halton Hills District, and several supporting functions are performed out of this location.

Policing responsibilities for Milton are combined with those of Halton Hills (Georgetown and Acton) to form 1 District.

Project Highlights:

- 36 variable air volume (VAVs) for cooling and heating
- Air Conditioning (AC) split system that supplements cooling
- Two energy recovery ventilation (ERV) using a heat wheel with 100% fresh air

Project Details:

- Based on individual zone's space temperature
- Energy recovered from the exhaust is transferred to supply air
- One boiler used for domestic hot water (DHW)
- Main heating loop utilizes two modulating boilers and pumps
- Each boiler is equipped with Variable Frequency Drives (VFDs) to control loop pressure
- Further saving energy by isolating reheat coils and avoiding 100% speed
- Uses 210 modules to control the VAVs

Note that the Milton station will undergo significant renovations beginning in March, 2011, with an anticipated completion date of Summer, 2011. Staff will continue to work from this location and members of the public will be able to access the building for service/support throughout this period.



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