



Ronald McDonald House - Hamilton



Architects: **Vermeulen/Hind Architects Inc.**

Consultants: **H.H. Angus & Associates Ltd.**

Fall 2011 Massive Expansion:

Ronald McDonald House Hamilton became a reality in response to McMaster University Medical Centre's new designation as a Children's Hospital. The initial efforts of the Junior League of Hamilton-Burlington, McDonald's Canada and many more saw to it that kids staying at the hospital are never far from their families.

The original 15-bedroom House is temporarily closed for a massive expansion, but will reopen in Fall 2011 with the capacity to serve more than double the amount of families every night. A necessary expansion considering the waiting list could run as long as 1,325 families.

Expanding the home from 15 to 40 bedrooms.

Project Highlights:

- One make-up air unit (MUA) supplies fresh air to the building. This is interlocked with the kitchen and dishwasher exhaust fans
- Air conditioning units (AC) supplies the building with cooling. This is controlled through a BACNet interface. This is based on the space temperature of the entry room of the building (room 47)
- The House is operated with the help of both staff and volunteers

Project Details:

- One NEW modulating boiler added in building expansion
- Chiller is used for cooling
- 29 fan coils (FCs) supply heating and cooling throughout the building
- Two condensing units



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