

Single Family Residence

Cornwall, Ontario



This 4,600 sq. ft. two-story home was built with the lower 2,300 sq. ft. floor as a LEGALETT Foundation. Ceramic tile floors were installed throughout the lower level which are warm and comfortable to the feet, year round.

The lower 2,300 sq. ft floor foundation is divided into two heating zones. Initially when this rural home was built in 1990, two electrical heating units were installed as the area was not yet serviced with natural gas. In 1998, when a gas supply was installed in the area, the electrical heating units were replaced with water coil units.



When the great Ontario ice storm of 1998 cut the power in this Cornwall home, it took a week for the home to drop from 72 degrees F to 67 degrees. The reason: the 2,300 sq. ft. LEGALETT system concrete slab beneath the house acted like a massive heat sink. The insulated slab held its heat and heated the home for days after the power was cut.

