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Engineering Climate Services Unit
Water and Climate Services Division
Meteorological Service of Canada
Environment Canada
4905 Dufferin Street
Toronto, ON M3H 5T4

January 22, 2013

Building Engineer
Building Services
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1 Halton Hills Drive
Halton Hills, ON L7G 5G2

I have reviewed the map you sent and have determined that three ground snow load zones will be sufficient for your municipality. The northwestern zone (including Acton) has a 50-year ground snow load of 1.9 kPa and the southeastern zone (including Georgetown) has a 50-year ground snow load of 1.4 kPa. The final zone lies along the escarpment between the other two zones and covers the transition across the escarpment.

The zone along the escarpment is bounded by the 305 metre and 275 metre contour lines. Within this zone the snow loads vary linearly with elevation from 1.4 kPa at 275 metres to 1.9 kPa at 305 metres. The jpg file I e-mailed with this letter, Halton_Hills_Snow_Loads_2013-01-22.jpg, shows the rough outline of these zones.

If you have any questions or concerns, please do not hesitate to contact me by phone at: (416) 739-4962 or by e-mail at: philip.jarrett@ec.gc.ca.

Yours,

Philip L. Jarrett
Engineering Climate Services Unit

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