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

May 23, 2013

Kyle Bentley P.Eng.  
Chief Building Official  
City Development Department  
City of Pickering  
One The Esplanade  
Pickering, ON L1V 6K7

Dear Mr. Bentley:

I have determined that 4 distinct snow load zones will suffice for your municipality. The zones are:

Zone	S <sub>s</sub> (kPa)	Description
1	1.0	South of the C.P.R. railway tracks from near Finch Avenue in the west and north of Taunton Road in the east.
2	1.5	South of Highway 407 and the proposed Highway 407 extension to the border of Zone 1.
3	1.9	North of Highway 407 and the proposed Highway 407 extension to the border of Zone 4.
4	2.3	East of Brock Road north of the northern C.P.R. tracks.

The ground snow load values from the map are applicable to both Part 9 and Part 3 Buildings as defined in the Ontario and National Building Codes and represent what I expect to be the highest 50-year return period values for each zone. I am responsible for the climatic design data found in Appendix C of the National Building Code of Canada (NBCC) and so these values are consistent with those found in the NBCC.

I have attached a jpg image showing my proposed 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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