VAUGHAN
Building Standards

STRUCTURAL STATEMENT OF DESIGN FORM (for Part 3 Buildings)

Ont. Reg. 332/12, as amended

Building Standards Department 2141 Major Mackenzie Drive Vaughan, Ontario L6A 1T1

Property Address:

SECTION A: LIVE LOADS DUE TO SNOW, ICE AND RAIN – OBC SUBSECTION 4.1.6. (to be completed by the structural engineer only)						
Does the design of the roof incorporate the specified snow loading? Specifically, article 4.1.6.2.?						
Yes No						
If No, please elaborate.						
Does the roof of this building incorporate flow control roof drainage?						
Yes No						
If Yes , please complete and provide information below in Section B.						
Professional Designer	Date		Signature			
SECTION B: The above building has been of						
Rain. With reference to O.B.C. Article 4.1.6.4., Specified Rain Load, the following design parameters are incorporated into the overall						
design:						
Flow control roof drains meeting the following conditions: a) the maximum drain down time does not exceed 24 h,						
b) the roof structure is designed to carry the load of the stored water,						
c) one or more scuppers are installed not more than 30 m apart along the perimeter of the building so that,						
(i) the scuppers are designed to handle at least 200% of the 15-minute rainfall intensity, and						
the maximum depth of controlled water is limited to 150 mm,they are located not more than 15 m from the edge of the roof and not more than 30 m from adjacent						
	more than 15 m from	the edge of the roof and	not more than 30 m fi	rom adjacent		
drains, and e) there is at least one drain for each 900 m ² .						
Where the height of the parapet is more than 150 mm or exceeds the height of the adjacent wall flashing,						
a) emergency roof overflows or scuppers described in above Clause (c) shall be provided, and						
b) there shall be a minimum of two roof drains.						
Structural Engineer's seal	Mechanical Engineer's Seal					
Structural Engineer's sear		Mechanical Engineer	i s Sedi			
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Professional Stamp Certified by:	Professional Stamp Certified by:					
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Personal information on this form is collected under the legal authority of the <u>Building Code Act. 1992, S.O. 1992, c. 23 O. Reg. 332/12</u>. This information will be used to process the Building Permit Application and, in the administration, and enforcement of the previously noted statute. As a public record, information contained on this application and the documents required to issue a building permit may be disclosed to any individual under <u>the Municipal Freedom of Information and Protection of Privacy Act, R.S.O. 1990, c. M56</u>. Questions about this collection should be directed to the Building Standards Department at (905) 832-8510 or at <u>buildingstandards@vaughan.ca</u>.