

Permit Application No.:	Property Address:
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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
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SECTION B: The above building has been designed as per 2012 Ontario Building Code Subsection 4.1.6., Loads Due to Snow, and 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
 - (ii) the maximum depth of controlled water is limited to 150 mm,
 - d) they are located not more than 15 m from the edge of the roof and not more than 30 m from adjacent drains, and
 - e) there is at least one drain for each 900 m².

- 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
	
Professional Stamp Certified by:	Professional Stamp Certified by:
Signature Date	Signature Date
YY MM DD	YY MM DD
Phone Number	Phone Number
City Province Postal Code	City Province Postal Code