

District Offices:

North York Scarborough Toronto & East York Etobicoke York

Application No. _____

For Enquiries dial 311 From outside the City of Toronto call: (416) 392-CITY (2489)

This form is to be submitted with all building permit applications for new buildings or building additions with a Gross Floor Area exceeding 2000 m² or where a green roof is proposed to be constructed.

Project Location and Description

Street No.	Street Name	Lot	Registered Plan No.
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Application for a building permit to construct a green roof only (**Go directly to Green Roof Information**)

Application for a building permit to construct a: New Building Building Addition

Gross Floor Area (size of building/addition): _____ m² If exempted (specify reason) :

Is there a Site Plan Control Application with the Planning Division associated with this application? Yes No

Green Roof Information – to be completed by Designer

Coverage of available roof space (size of green roof): _____ m²

Percentage coverage of available roof space ⁽¹⁾: _____ %

Coverage conforms to the requirements of Toronto Municipal Code 492-2 as set out in the chart below: Yes No

If no ⁽²⁾: The letter from the Chief Planner granting a variation to the coverage requirement is attached, or Cash-in-Lieu amount :
 City Council approved the application for complete exemption on: _____ (mm/dd/yy) \$ _____

Gross Floor Area (Size of Building)	Coverage of Available Roof Space (Size of Green Roof)
2,000 – 4,999 m ²	20%
5,000 – 9,999 m ²	30%
10,000 – 14,999 m ²	40%

Gross Floor Area (Size of Building)	Coverage of Available Roof Space (Size of Green Roof)
15,000 – 19,999 m ²	50%
20,000 m ² or greater	60%

Depth of growing media is: _____ mm. If less than 100mm, Report 4.iii. would be required

Maximum design water depth (measured from the level of the roof membrane to the high water line) is: _____ mm.

Will the roof be accessible to the building's occupants? Yes No

Maximum slope of the roof is: _____

Declaration

I, Applicant Last Name _____ Applicant First Name _____ Area Code and Telephone No. _____
 Company Name (if applicable) _____

of Street No. and Name _____ Apt./Unit No. _____ Area Code and Fax No. _____
 City _____ Province _____ Postal Code _____ Area Code and Mobile / Pager No. _____

and
I, Designer Last Name _____ Designer First Name _____ Area Code and Telephone No. _____
 Company Name (if applicable) _____

of Street No. and Name _____ Apt./Unit No. _____ Area Code and Fax No. _____
 City _____ Province _____ Postal Code _____ Area Code and Mobile / Pager No. _____

do hereby declare the following:

1. That statements contained in this declaration are true and made with full knowledge of all relevant matters and of the circumstances connected with this declaration.
2. The structure has been designed incorporating the additional structural loading due to the green roof system (see reverse)
3. The green roof has been designed to comply with the plant selection and plant coverage requirements of Toronto Municipal Code Chapter 492-9. L "Plant Selection"
4. The required reports and tests set out in S.492-9 " Toronto Green Roof Construction Standard" will be submitted to the Chief Building Official, including:
 - i. Wind Uplift report, stamped by an engineer, providing wind uplift pressures being designed for (including a description of how the pressures were determined), and describing how the design addresses these pressures.
 - ii. A report documenting a successful leakage test as required by the by-law, conducted immediately prior to installation of the Green Roof, signed by the Architect or Engineer.
 - iii. A report confirming that the engineered system as designed will provide plant survivability comparable to that of an un-irrigated system with growing media at a minimum of 100mm (if the growing media is equal to, or less than 100mm).
 - iv. A maintenance plan in accordance with bylaw provision
5. That the information included in this application and in the documents filed with this application is correct.

AND I make this solemn declaration conscientiously believing it to be true and knowing that it is of the same force and effect as if made under oath.

DECLARED at the City of Toronto in the Province of Ontario this _____ day of _____ 20_____.

Applicant's Signature _____ Print Name _____ Designer Signature _____ Print Name _____

The personal information on this form is collected under the authority of the City of Toronto Act, 1997, the Building Code Act, 1992, and Chapter 492 of the Toronto Municipal Code. The Information is used to process building permit applications and create aggregate statistical reports. Questions about this collection may be referred to the Customer Service Manager in the appropriate district.

Notes:

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- (1) *The Toronto Municipal Code, Chapter 492, defines available roof space as the total roof area excluding areas designated for renewable energy, private terraces and residential outdoor amenity space (to a maximum of 2m² per unit). Roofs of highrise buildings with a floor plate of less than 750 m² and residential buildings less than 6 storeys or 20m in height are exempt.*
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- (2) *Where less than the required Green Roof coverage than otherwise would be required Toronto Municipal Code Chapter 492, either because of a variance approved by the Chief Planner, or an exemption approved by City Council, the Applicant shall make a payment of cash-in-lieu of construction of a Green Roof for the reduced area based on the average actual cost of construction of a Green Roof. This payment must be made prior to the issuance of the building permit.*
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- (3) *The following loads should be considered acting simultaneously:*
- (a) maximum water capacity (considering control flow wiers, parapet heights and scuppers),*
 - (b) surface load generated by vegetation and soil media,*
 - (c) water stored in any integral reservoir,*
 - (d) any planned occupancy*
 - (e) point loads from large-scale bushes, trees and structural components, such as pergolas, water pools and peripheral items, and*
 - (f) wind loads.*
 - (g) Impact on snowload*
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