

Overhead Electrical Conductors

SECTION A – Purpose

The purpose of this form is to confirm compliance with Article 3.1.20.1 (as may be referenced by 9.1.1.5) of Division B of the Ontario Building Code (“Article 3.1.20.1”), and it shall be submitted with every permit application for the construction of a new building or the construction of an addition to an existing building. The form must be signed by the designer who has prepared the designs in support of the building permit application. Article 3.1.20.1 provides as follows:

3.1.20.1. Clearance to Buildings

- (1) A building shall not be located beneath existing above ground electrical conductors.
- (2) The horizontal clearance measured from the maximum conductor swing to the building, including balconies, fire escapes, flat roofs or other accessible projections beyond the face of the building, shall,
- (a) be not less than 1 m, for electrical conductors carrying voltages 750 V or less, except where necessary to connect to the electrical wiring of the building,
- (b) be not less than 3 m, for electrical conductors carrying voltages greater than 750 V but not exceeding 46 kV,
- (c) be not less than 3.7 m, for electrical conductors carrying voltages greater than 46 kV but not exceeding 69 kV, or (d) conform to the requirements of CAN/CSA-C22.3 No.1, “Overhead Systems,” for electrical conductors carrying voltages greater than 69 kV.

In order to be able to complete this form and ensure compliance with Article 3.1.20.1, the designer will have needed to obtain the following information:

- Whether there are above-ground electrical conductors within the vicinity of the proposed construction, and if so, the location of the above-grade electrical infrastructure near the site;
- What is the voltage of the above-ground electrical conductors; and
- What is the maximum conductor swing.

To obtain this information, assistance may be sought directly from Toronto Hydro at <https://www.torontohydro.com/for-business/make-a-service-request>

SECTION B – Property Details

Street Number	Street Name	Suite/Unit number
---------------	-------------	-------------------

Project Description

Declaration

Overhead Electrical Conductors

SECTION C – Designer Information

First Name

Last Name

Corporation or Partnership (if applicable)

Telephone No.

E-mail

SECTION D – Designer Declarations

I do hereby declare the following:

The electrical conductors are buried underground.

OR

the building will not be located beneath existing above ground electrical conductors and therefore complies with Article 3.1.20.1(1); and

the horizontal clearance measured from the maximum conductor swing to the building, including balconies, fire escapes, flat roofs, or other accessible projections beyond the face of the building, complies with Article 3.1.20.1(2) **[and it is understood that the required horizontal clearance must be maintained from the stated projections beyond the face of the building]**

I do hereby declare the following:

The information contained in this form is true and accurate.

Signature

Print Name (First, Last)

Date (yyyy-mm-dd)

Toronto Building collects personal information on this form under the legal authority of the City of Toronto Act, 2006, sections 8 and 386; the Building Code Act, 1992, sections 7, 8(1) and (2); and the City of Toronto Municipal Code Chapter 363, Building Construction and Demolition, section 363-1.3. The information collected will be used for the administration and enforcement of the Building Code Act, 1992, specifically for the purposes of processing applications for building permits, and making a decision to issue or to refuse to issue permit applied for, including determining if the application for a building permit is full and complete, and whether the application meets the requirements of s. 8 to permit issuance; as well as the creation and use of aggregate statistical reports concerning the City's operation respecting the administration and enforcement of the Building Code Act, 1992. Questions about this collection may be referred to the Manager, Customer Experience, Toronto Building, 2 Civic Centre Court, 1st Floor, Toronto, Ontario M9C 5A3, or by telephone 416-394-2499.