



Testing Of Drainage And Venting Systems

- Sewer Lateral Extension

The Building Standards Department issues Builder Tips as part of our customer service program. They are designed to provide an improved understanding of the Building Code and to reduce the costs associated with correcting infractions. Please contact your area building inspector for further information or call the Building Standards Department at 905.475.4848 extension 2189

7.3.6.1. Tests and Inspection of Drainage or Venting Systems

(6) A sewer lateral extension need not be tested and inspected if the sewer lateral extension was constructed, tested and inspected at the time of the installation of the public sewer.

Division A, Part 1 Sentence 1.4.1.2.

(1) *Sewer lateral* extension means the portion of a storm building sewer or sanitary building sewer that extends from the public sewer up to 1.5 m into the property.

Supplementary Standard SA-1 Sentence 7.3.6.1.(6)

(F22-OS2.6) (F36-OS3.6)

Division A, Part 2 Objectives

Safety -Structural Safety

OS2.6 - An objective of this code is to limit the probability that, as a result of the design or construction of a building, a person in or adjacent to the building will be exposed to an unacceptable risk of injury due to structural failure caused by collapse of the excavation.

Safety -Safety in Use

OS3.6 -An objective of this code is to limit the probability that, as a result of the design or construction of a building, a person in or adjacent to the building will be exposed to an unacceptable risk of injury due hazards caused by persons becoming trapped in confined spaces.

Division A, Part 3 Functional Statement

F22 -To limit movement under expected loads and forces.



F36 -To minimize the risk that persons will be trapped in confined spaces.

OBJECTIVE

It is becoming common industry practice to extend the sewer lateral 1.5 meters on to private property. The practice is performed in order to avoid unstable ground at the property line from collapsing. The result is a safer working environment for the drain contractors, plumbers and building inspectors

The intent of Sentence 7.3.6.1.(6) is to permit the installation of a sewer lateral extension without the installation requiring a prescribed inspection as per Division C, Part 1 of the Building Code. However, the sewer lateral extension must be tested and inspected at the time of installation of the public sewer. The sewer lateral extension is a continuation of the branching off from the public sewer, refer to the figure in this Builder Tip.

The City of Markham Building Standards Department requires a building permit to be issued prior to the installation of a sewer lateral extension. Following the issuance of the building permit, inspections will be conducted by the building inspector upon request.

As an alternative to the building inspector conducting the inspection of the sewer lateral extension, the owner may submit an Alternative Solution proposal to the Building Standards Department for approval of their professional engineer to test and inspect the sewer lateral extension during installation. A building permit is still required and the professional engineer must confirm compliance with Part 7 of the Building Code and colour coding of sewer piping.

