

ONTARIO BUILDING CODE

9.11.2. Required Sound Control Locations (Airborne Sound)

9.11.2.1. Minimum Sound Transmission Class Ratings

(1) Except as provided in Sentence (2), every *dwelling unit* and every *suite* in *hotels* shall be separated from every other space in a *building* in which noise may be generated, by a construction providing a sound transmission class rating of at least 50, measured in accordance with Subsection 9.11.1. or as listed in Tables 1 and 2 of MMAH Supplementary Standard SB-3, "Fire and Sound Resistance of Building Assemblies".

(2) Where a *dwelling unit* or *suite* in a *hotel* is adjacent to an elevator shaft or a refuse chute, the separating assembly shall have a sound transmission class rating of at least 55, measured in accordance with Subsection 9.11.1. or as listed in Tables 1 and 2 of MMAH Supplementary Standard SB-3, "Fire and Sound Resistance of Building Assemblies".

9.11.2.2. Building Services in an Assembly

(1) *Building services* located in an assembly required to have a sound transmission class rating shall be installed in a manner that will not decrease the required rating of the assembly.

OBJECTIVE

To limit the probability that the occupants of a dwelling unit will be exposed to excessive levels of airborne noise generated from the building services associated with another dwelling unit in the same building. Excessive noise levels can lead to negative effects of the living standards of persons. In an Part 9 installation, cellular core ABS is not permitted.

The City of Markham requires a sound resistance test report to be conducted prior to the installation of interior finishes. The purpose of conducting this test is to provide an indication of the construction will provide the required STC rating. Where construction differs significantly within a project, additional tests will be necessary to be performed and reports issued.

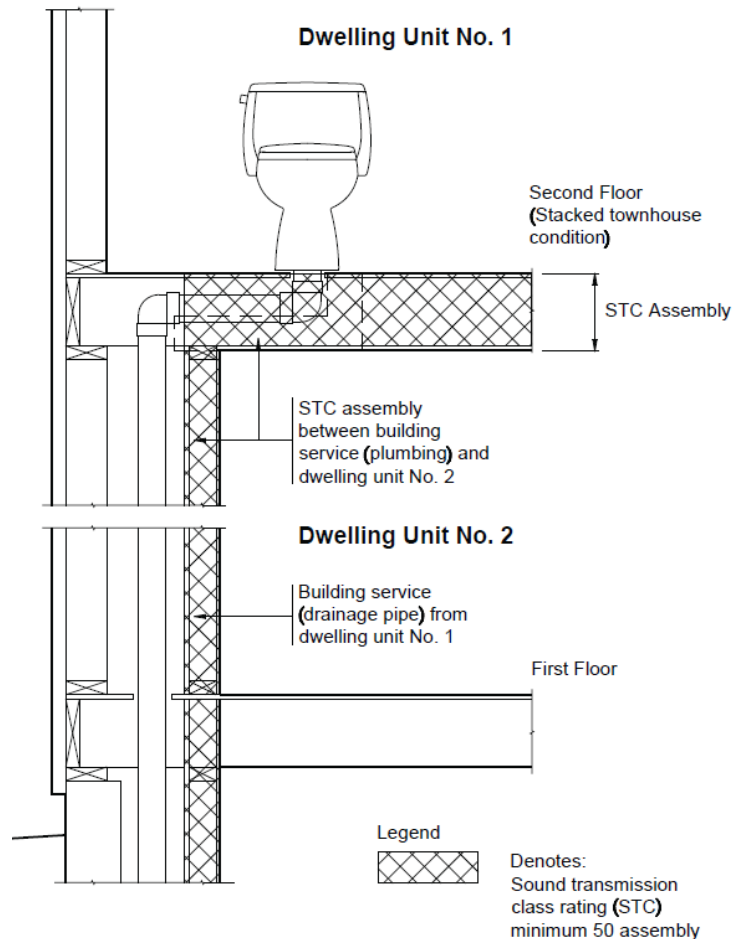


Diagram credit Housing Construction Manual, Orderline Inc