

1 a Glossary and Definitions

1 a 1 General

- a Glossary and Definitions List defines the meaning of words and phrases used in these Technical Standards.
- b Some terms in the Technical Standards are not defined in the Glossary and Definitions but have a generally accepted meaning in the industry in the Province of British Columbia.
- c Green as in “green building” or “green infrastructure” is defined as the efficient use of resources - land, water, energy, and materials – that reduces developments' impact on the environment and human health for the duration of the developments' lifecycle. Municipal and Provincial regulations must be followed and take precedent over the SSBC Technical Standards

1 a 2 Glossary

Accessible	Access is required to install and maintain building components, services or systems including mechanical, electrical or Building Security and Communication Systems. Where access is required to service a building component, access must be such that a person can reach the building component through a route that is unobstructed. The minimum headroom clearance is 2100 mm clear (floor to underside of beams). The minimum space for a person in plan is 1000 mm x 1000 mm at the service location.
Alternative Solutions	Denotes alternative design approach, alternative systems, materials and products that are not described in these Technical Standards or the BC Building Code.
SSBC	Ministry of Citizens’ Services and Open Government, Shared Services BC
Bill 44 – Greenhouse Gas Reduction Targets Act	Bill 44 is provincial legislation mandating GHG reduction targets for BC as a province and mandating a number of steps for public sector organizations to reduce their GHG emissions: http://www.leg.bc.ca/38th3rd/1st_read/gov44-1.htm#section2
Contractor	A person or entity being a member of the Project Design Team
CO₂	Carbon Dioxide Gas
CO₂e	Equivalent Carbon Dioxide gas; used as a measure of total greenhouse gases.
Energy	Energy refers to any energy source or fuel, including electricity, natural gas, propane, etc
IDP	Integrated Design Process (IDP) is a method that seeks to produce high performance sustainable building criteria while staying within budgetary and scheduling constraints.
LEED® Green Building Rating System™	The LEED® (Leadership in Energy and Environmental Design) Green Building Rating System™ (LEED) is a voluntary, consensus-based national rating system for developing high-performance, sustainable buildings.
Proponent	Denotes a qualified bidder proposing to submit an offer to SSBC for obtaining the Work.
Provide	Wherever the word "provide" is used in any form, it shall mean that the Work concerned shall include both supply, installation and commissioning of the products or systems required for the completion of that part of the Work.

1 a 3 Definitions

Accessible for persons with disabilities	Comply with requirements prescribed in the British Columbia Building Code, current version.
Acoustic Noise	Noise in relation to sound is meaningless or unwanted sound of a greater than usual volume, such that sound disrupts the activities of the staff both within or surrounding the facility.
Background Noise	Noise the receiver would experience in the absence of the intruding noise.
Basis of Design	A stand-alone document that records the design concepts, criteria, calculations (as necessary) and performance metrics used to meet the Owner's Project Requirements, and to satisfy applicable regulatory requirements, standards and guidelines. The document includes both narrative descriptions and lists of individual items that support the design process.
Building Envelope	The assemblies, components and materials which separate and protect interior habitat space from the adverse effect of exterior climatic conditions
Concrete	A construction material composed of cement (commonly Portland cement) as well as other cementitious materials such as fly ash and slag cement, aggregate (generally a coarse aggregate such as gravel, limestone, or granite, plus a fine aggregate such as sand), water, and chemical admixtures
Commissioning	A systematic, coordinated process of design review, construction checks, functional performance tests, and comprehensive documentation that verifies that SSBC's Project Requirements are achieved in the completed building. Commissioning starts during pre-design, and continues through all stages of the design, construction, and post-construction stages of a project. It provides documentation, testing and training to facilitate successful operation and maintenance of the completed building.
LEED® Green Building Rating System™	The <i>LEED</i> ® (Leadership in Energy and Environmental Design) Green Building Rating System™ (<i>LEED</i>) is a voluntary, consensus-based national rating system for developing high-performance, sustainable buildings.
Nighttime	Any time not included within the definition of daytime.
Noise Isolation Class (NIC)	Noise Isolation Class (NIC) is a single number rating of the noise reduction between rooms. It is a numerical expression of the sound isolation achieved between two spaces and is influenced by the room geometry and finishes as well as by the Sound Transmission Class (STC) ratings of the assemblies separating spaces.
Owner's Project Requirements	Project requirements including those requirements related to use of the space, and all requirements of the Technical Standards.
Provide	Wherever the word " <i>provide</i> " is used in any form, it shall mean that the Work concerned shall include both supply, installation, and commissioning of the products or systems required for the completion of that part of the Work.
Reverberation Time (RT)	Reverberation Time is the rate at which sound energy decays by 60 dB which depends on the volume of the space and level of absorptive material. The higher RT correlated with lower level of absorptive material or more reflections and perceived as echoing.

<p>Service Space</p>	<p>A space provided in a building to facilitate or conceal the installation of building service such as chutes, ducts, pipes, conduits, electrical trays or shafts.</p> <p>Service space can be non-accessible service space, accessible service space or vertical service space.</p>
<p>Sound Transmission Class (STC)</p>	<p>Sound Transmission Class (STC) is a single number obtained within a laboratory setting by comparing third-octave band measurements of transmission loss (TL) from 125 Hz to 4000 Hz (speech frequencies) for a test partition as defined relative to a reference contour via a standardized procedure. The “composite STC” can be calculated and is a product of the STC and relative surface areas of multiple materials that form the partition between two spaces.</p>
<p>Work</p>	<p>Means the provision of all professional, technical, skilled and unskilled labour, services, material, equipment including without limitation, all design and construction and any action as necessary for the Project Design Team to complete and perform its obligations arising from and in accordance with the terms and conditions of the Contract.</p>