1.1 **GENERAL**

1.2 **Related SFU Technical Requirements**

1.2.1 *Section 09 00 10 Finishes – General Requirements*

1.3 **Performance Standards**

1.3.1 AWCC / WCI (Association of Wall and Ceiling Contractors / Wall and Ceiling Institute) Specification Standards Manual (latest edition)

1.3.2 Meet all of the requirements stipulated by BC Building Code.

1.4 **Design**

1.4.1 Metal studs are preferred over wood studs.

1.5 **Quality Control and Assurance**

1.5.1 **Submittals**

1.5.1.1 Shop drawing: for all seismic restrained engineered studwork, bracing, and suspension systems, including where such systems act as support for work requiring seismic restraints (i.e. Laboratory and other cabinets, fume hoods, vending machines, etc.).

1.5.1.2 Quality Assurance

1.5.1.2.1 All seismic restraint work including anchoring devices to be designed and certified by a professional engineer registered in BC, who is to also carry out periodic site reviews of the work of this section during construction and completion, and submit reports and letters of assurances in the forms established by BC Building Code. Costs to be included in contract.

2.1 **MATERIALS**

2.1.1 Life Cycle Costing.

2.1.1.1 25-Year

2.2 **Prescriptive Requirements**

2.2.1 **Materials**

2.2.1.1 **Products**

2.2.1.1.1 Metal channel carriers and stiffeners: thick cold rolled steel, galvanized.

2.2.1.1.2 Acoustical Sealant: meeting CGSB 19-GP-21M.

2.2.1.1.3 Apply a double bead of acoustic sealant 3/8” (10 mm) from each edge, to all partition tracks prior to securing.

2.2.2 Minimum Metal Stud Gauge

2.2.2.1 0.46 mm (25 gauge) except as otherwise required.

2.2.2.2 0.88 mm (light duty 20 gauge) at the following locations:

2.2.2.2.1 Studs exceeding allowable heights for L/240 as given in Tables in Manual.

2.2.2.2.2 Studs (double) on either side of door frames and header.

2.2.2.2.3 Studs supporting ceramic tile finishes.

2.2.2.2.4 Ceiling deflection track.
.2 Execution
   .1 Maximum stud spacing: 16” oc.
   .2 Provide allowance for deflection of structure minimum 1” for studwork.

***END OF SECTION***