

## 1.0 **GENERAL**

### 1.1 **Co-ordination Requirements**

- .1 Section 05 50 00 Metal Fabrications (Engineered Metal Suspension Systems)
- .2 Section 10 28 00 Toilet, Bath and Laundry Accessories
- .3 [\*UBC Resilience-Based Design Guide for Nonstructural Systems\*](#)

### 1.2 **Description**

- .1 Toilet, change room *and shower* partitions, urinal screens.

### 1.3 **Performance Standards**

- .1 *Latest version of the* BC Building Code, including the Building *Accessibility* Handbook.
- .2 CSA-B651-12 - Accessible Design for the Built Environment.
- .3 *Combustibility testing of partitions must be compliant with latest version of the ASTM-E84 standards and National Fire Protection Agency (NFPA) standards.*

### 1.4 **Quality Control and Assurance**

- .1 *O & M manual* submittals
  - .1 *Final reviewed* shop Drawings shall include complete backing/support requirements and engineering data.
  - .2 *List of hardware and fittings provided.*
  - .3 *Colour specification.*
  - .4 Maintenance data shall include graffiti removal techniques.
- .2 Warrantee shall be a 10-year manufacturer's warranty.

## 2.0 **DESIGN REQUIREMENTS**

### 2.1 **General**

- .1 Seismic restraint of for Toilet partitions *shall be designed by a professional structural engineer registered in the Province of BC*
- .2 Washroom compartments may have floor or wall-mounted partitions. *Ensure adequate mounting for full-height partitions where used.*
- .3 For *renovation* projects, re-use *partition panels* whenever possible.

### 2.2 **Materials**

- .1 Partition systems to be Solid Phenolic *partition systems with a Class A flame spread rating.*

### 2.3 **Hardware**

- .1 *Locking hardware to be as per the latest version of BCBC. Each compartment to be complete with the following hardware:*
  - .1 *Combination coat hook/door bumper for single toilet compartments.*
  - .2 *Door bumper as required for outward-opening accessible compartments.*
  - .3 *Hook for accessible stalls to be mounted on front wall and not on door so as not to be a hazard to persons with low vision. Hooks for accessible stalls to be installed at accessible height per BC building Code. The preference is for two hooks installed at different heights for flexibility.*
  - .4 *Combination stop/ latch - with emergency lift feature.*

- .5 *Non-removable self-closing hinges - with emergency lift feature. Hinges to function per requirements of the BC building Code for accessible compartments.*
- .6 *Door pulls for accessible compartments.*

#### **2.4 Accessories**

- .1 *Provide accessories as per Section 10 28 00 Toilet, Bath and Laundry accessories.*
- .2 *Toilet partition panels should be capable of accepting surface-mounted accessories such as grab bars, toilet paper dispensers and sanitary napkin dispensers and bins. Where grab bars are mounted directly on partitions, panels and connections shall be designed by a professional structural engineer registered in the Province of BC, per loading requirements in the BC Building Code.*

#### **2.5 Fabrication**

- .1 Edges are to be beveled and/or rounded.

#### **2.6 Finishes**

- .1 All toilet partitions shall have durable, institutional *grade* finishes that require minimal maintenance *while being resistant to graffiti and cleaning chemicals.*

**\*\*\*END OF SECTION\*\*\***