

## 1.0 **GENERAL**

### 1.1 **Related Work & UBC Guidelines**

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

### 1.2 **Related External Documents**

- .1 Latest version of the BC Building Code.
- .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.

### 1.3 **Description**

- .1 Section includes toilet, change room and shower partitions, urinal screens.

### 1.4 **Coordination**

- .1 The Guidelines apply to all work completed within buildings on both UBC Vancouver and UBC Okanagan campuses unless stated otherwise.
- .2 In instances where conflicts are found between these guidelines and provincial regulations or codes, please notify the UBCV Technical Review Team Architect or UBCO Facilities Management.
- .3 These guidelines are intended to be read by design consultants and their content integrated into construction drawings and specifications. Construction documents are not to reference the technical guidelines directly.
- .4 The Coordinating Registered Professional (CRP) is required to coordinate these requirements with other disciplines.
- .5 Coordinate seismic restraint of equipment with project structural engineer.
- .6 Coordinate washroom and wall/door protection specialties with UBCV Facilities Technical Review Team Architect. For UBCO projects, coordinate with UBCO Facilities Management.

### 1.5 **Submittals**

- .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 Warranty:10-year manufacturer's warranty.

## 2.0 **DESIGN AND PERFORMANCE REQUIREMENTS**

### 2.1 **Design Requirements**

- .1 Toilet Count  
Where classrooms and lecture theatres exist, the number of toilets and sinks in proposed women's washrooms is required to be increased by one third over the number required by the current version of the BC Building Code. This is due to greater demand between scheduled classes.
- .2 Seismic restraint for partitions shall be designed by a professional structural engineer registered in the Province of BC.
- .3 Washroom compartments may be floor or wall-mounted partitions. Ensure adequate

- mounting for full-height partitions where used.
- .4 For renovation projects, re-use partition panels whenever possible.

## 2.2 Performance Requirements – Not Used

## 3.0 MATERIALS

### 3.1 Product Selection

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

### 3.2 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.

- .2 Non-removable self-closing hinges - with emergency lift feature. Hinges to function per requirements of the BC Building Code for accessible compartments.
- .3 Door pulls to be provided for accessible compartments.

### 3.3 Partition-Mounted Accessories

- .1 Accessories to be as per Section 10 28 00 Toilet, Bath and Laundry accessories.
- .2 Partition panels should be capable of accepting surface-mounted accessories such as grab bars, toilet paper dispensers and sanitary napkin dispensers and bins.
- .3 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.

### 3.4 Fabrication

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

### 3.5 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\*\*\*