

## 1.0 **GENERAL**

### 1.1 **Related *Work and* UBC Guidelines**

- .1 Division 09 *and related sections therein*
- .2 *Related sections in Divisions 22, 23, 25, 26 and 27.*

### 1.2 **Related External Documents**

- .1 *Latest edition of the British Columbia Building Code (BCBC).*
- .2 *WorkSafeBC Regulations and Standards.*

### 1.3 **Description**

- .1 *Work in this section includes raised access flooring or elevated flooring systems complete with ramps, steps, guardrails and handrails, structural support and lighting as needed.*

### 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.*

### 1.5 **Submittals**

- .1 *Before Start of Work (only for Construction Office Projects)*
  - .1 *Manufacturer's product data verifying compliance with specification requirements for finish types and accessories specified.*
  - .2 *Manufacturer's full range of finish colors and patterns available and meeting specification requirements for review and selection.*
  - .3 *Provide samples as requested by UBC.*
  - .4 *Manufacturer's product data and material / color range of carpet accessories for review and selection.*
- .2 *O&M manuals:*
  - .1 *Manufacturer's product data verifying compliance with specification requirements for finish types and accessories specified.*
  - .2 *Finish colors and patterns specified.*
  - .3 *Manufacturer's maintenance data and cleaning instructions for access floor system installed.*
  - .4 *Final reviewed shop drawings signed and sealed by a professional engineer registered in the Province of BC.*
  - .5 *Warranties as per 1.6.2.*

## 1.6 **Quality Control and Assurance**

- .1 **Quality Assurance**
  - .1 *Provide signed and sealed shop drawings by a registered professional structural engineer in the Province of British Columbia.*
  - .2 *Contractor to provide demonstration and training of access floor system to UBC Facilities.*
- .2 **Warranties**
  - .1 *Access floor system warranty to be provided as per project specifications.*

## 2.0 **DESIGN AND PERFORMANCE REQUIREMENTS**

### 2.1 **Design Requirements**

- .1 *Loading capability and floor finish specified should be appropriate for the use of space.*
- .2 *Access floor systems should be designed to evenly disperse the weight of heavy equipment.*
- .3 *Provide steps, ramps, guardrails and handrails as needed.*
- .4 *Provide electrical grounding where required to dissipate static electricity that can lead to damage of sensitive equipment.*

### 2.2 **Performance Requirements**

- .1 *Include the engineering and anchoring of all posts.*
- .2 *Provide seismic restraint of components in compliance with the BC Building Code.*

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