

## **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\*\*\***