

1.0 **GENERAL**

1.1 **Related UBC Guidelines**

- .1 For floor drains, see Section 22 05 00 Plumbing - General Requirements
- .2 [Recycling Infrastructure Guidelines for UBC Buildings](#)
- .3 [UBC Resilience-Based Design Guide for Nonstructural Systems](#)

1.2 **Co-ordination Requirements**

- .1 Coordinate seismic restraint of equipment with Structural Engineer.
- .2 Coordinate washroom and wall/door protection specialties with UBCV Facilities Technical Review Team Architect plus Facilities Custodial Services. For UBCO projects, coordinate with UBCO Facilities Management.

1.3 **General Requirements**

- .1 Provide materials and systems beneficial to use and occupancy, durability, and reuse during renovations.
- .2 For renovation projects re-use existing equipment and specify equipment that can be re-used.
- .3 For renovation projects existing equipment and materials to be turned over to UBC for re-use or parts - consult UBC Project Manager.
- .4 Submittals in O&M manual:
 - .1 Where applicable, provide shop drawings and also signed and sealed by a professional engineer registered in the Province of BC.
 - .2 Manufacturer's data including product and colour specifications.
 - .3 Maintenance instructions.
 - .4 For blinds, refer to Section 12 20 00 – Window Coverings and Blinds.
- .5 Quality Assurance
 - .1 Where seismic restraints are required, coordinate with the UBC Resilience-based Design Guide for Nonstructural Components. Seismic restraint work including anchoring devices to be designed and certified by a Professional Engineer registered in the Province of BC, and at completion, to Letter of Assurance. Costs to be included in Contract.

2.0 **ENTRANCE MATS (previously in Section 09 00 10)**

- 2.1 Mat wells shall not be used, only walk-off mats shall be used.
- 2.2 Institutional grade entry mats are required in all entries to reduce cleaning, and to provide sufficient non-slip flooring at entrances.
- 2.3 Any exterior or interior vestibule doors that swing over walk off mats must have sufficient clearance underneath to accommodate the mats without having to make special provisions in the mats such as cutaways.
- 2.4 All main entrances must contain 8 to 12 feet of interior matting from entrance doors. Matting must include one outdoor scraper style mat with one indoor scraper/wiper style mat.
 - .1 All mats to have cart-edging.

- .2 Outdoor scraper style mat to be similar in construction to the 3M™ Nomad™ 9100 Terra Entrance Matting and to extend 6 to 8 feet from the entrance. Width to cover width of doorway.
- .3 Indoor scraper/wiper mat to meet same specifications as Source Floor & Specialties Inc. Grizzly FX Matting, dryer-scraper mat. Dimensions to be as per 2.4 depending on anticipated building traffic and space restrictions. Width to cover width of doorway entirely.

3.0 INTERIOR GUARDRAILS - Elevated Service Walkways

- 3.1 In the design of elevated service walkways, the use of 1500 mm (5'-0") high guards is preferred rather than the BCBC minimum guard height of 1068 mm (3'-6").

4.0 WALL PROTECTION AND CORNER GUARDS

- 4.1 Shall be provided in high traffic corridors, and generally in areas subject to abuse. In corridors, consider wall protection to 3'-0" from finished floor.
- 4.2 Corner guards shall be 18 gauge stainless steel, no. 4 brushed finish and a minimum height of 40" from finished floor to a width of 4" each side.

5.0 DOORS & WASHROOM ENTRANCES

- 5.1 There should be a provision for kickplates at least one foot high from base of all high traffic doors.
- 5.2 All doors leading to and from bike storage areas to include metal kick plates that are half door high. Smaller kick plates do not work for these doors. Usually it is noted that bicyclists trying to keep the door open with their bicycles resulting in damage to the doors.
- 5.3 Open entrances to multi-stall gendered or gender neutral washrooms to have a retractable stanchion added at the entrances. Preferred mounting hardware, 3 inch x 4 inch metal plate mounted at each side of entrance, no jagged edges or catching surfaces for users as they enter.

6.0 DEMOUNTABLE PARTITIONS

- 6.1 Consider the use of demountable partitions when frequent changes (such as office areas) are expected.
- 6.2 Selection of such systems to also be based on long-term availability of components and finishes.
- 6.3 Carefully establish and coordinate electrical and communications requirements and components with UBC IT Services.
- 6.4 Include also the engineering and anchoring of all lateral bracing, which is to be independent of, or coordinated with, metal suspension systems for ceilings.

7.0 WASHROOM MILLWORK

- 7.1 Washroom millwork shall be in accordance with Section 06 40 00 Architectural Woodwork.

8.0 **RECYCLING AND WASTE MANAGEMENT RECEPTACLES & WASTE STATIONS**

8.1 **Recycling and Waste Receptacles**

- .1 Multi-stream recycling stations shall be provided in accordance with the [Recycling Infrastructure Guidelines for UBC Buildings](#). Consult with *Facilities* Custodial Services to confirm locations and selection of appropriate equipment.

8.2 **Space for Recycling and Waste Stations**

- .1 Interior space shall be allocated on floor plans for multi-stream recycling stations in accordance with [Recycling Infrastructure Guidelines for UBC Buildings](#). Consult with Facilities Custodial Services to confirm locations and selection of appropriate equipment.

END OF SECTION