



## .1 General Building Design Requirements

Building designs shall consider the following University general building design principles:

- .1 Rain garden type detention ponds are desirable for building stormwater management.
- .2 Green roofs are typically not desirable. The use of green roofs may be acceptable for particular applications, as approved by the Owner. Alternative solutions such as low albedo exposed membrane assemblies and other sustainable approaches to roofing are encouraged.
- .3 Stair access to roof levels is required in the case of rooftop mechanical penthouses or where roof mounted equipment will require frequent maintenance access. Stair access is also required where green or vegetated roofs are installed.
- .4 Waste Chutes shall not be used.
- .5 Where parapet walls are used, consider designing to suit guard height requirements to limit Fall Protection requirements.
- .6 Exterior doors; particularly main entry ways shall be protected by the use of roof canopies or overhangs.
- .7 Waterless urinals shall not be used.
- .8 General mechanical cooling for buildings is only provided under special circumstances as directed or approved by FMGT.
- .9 Drinking fountains are not typically chilled.
- .10 Site furniture, steps, railings, retaining walls etc., shall be designed to be skateboard deterrent.
- .11 The coordination of flooring, wall, ceiling and window treatment materials and finishes is required to achieve the overall required acoustical performance of the room or space.
- .12 Accessible washroom compartments that meet the code specified dimensions provide only a tight fit for functionality. Where space permits, provide an additional 300mm of space in one or both dimensions.
- .13 Abuse resistant surfaces shall be specified in high traffic, or areas subject to abuse. In corridors, consider wall protection to minimum 1200 mm above finish floor.