



Part 1 General

1.1 Summary

- .1 Unless otherwise indicated, follow the standards below when planning for an Electrical Room. These standards are not intended to restrict or replace professional judgment.
- .2 Electrical closets which are small auxiliary spaces used to house limited electrical equipment may be required to follow some of the requirements of the present standard. Applicable requirements shall be discussed during the Design phase.
- .3 These guidelines should be read with the specific technical sections of McGill's Building Design and Technical Standards.

1.2 Design Requirements for Electrical Rooms

- .1 Electrical Rooms' geometry, location in the building, access and construction must be considered early at the Design phase in order to limit:
 - .1 Noise transmission to other spaces.
 - .2 Vibration transmission to other spaces.
 - .3 Conflicting circulation with the other users of the building.
- .2 Distribution of Electrical Rooms:



- .4 Floors:
 - .1 Concrete slab is preferred:
 - .1 Thickness as per equipment and building requirements.
 - .2 Floors and curbs shall be sealed.
 - .2



.8 Fire Protection:

- .1 Sprinklers: critical electrical equipment shall be protected from water damages, water sprinklers shall be avoided. Whenever possible, and permitted by Codes, specify fire detectors and fire rated rooms in lieu of automatic sprinklers protection. No sprinkler shall be installed in main electrical rooms.

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FACILITIES MANAGEMENT AND ANCILLARY SERVICES

BUILDING DESIGN STANDARDS
SPECIAL BUILDING AREAS



Part 2 Related Technical Sections