

The rooms must not be directly beneath or next to wet areas such as:

- a) Showers;
- b) Washrooms;
- c) Swimming pools;
- d) Garbage areas.

If for any reason it is proposed that any part of a telecom room will be located below any kind of water source this must be raised at the design stage. This situation will require a floor (Attic slab) drain fitted with an automatic submersible pump to counter any risk of water ingress. In addition, sensors to detect water leakage also to be installed inside telephone room. The rooms must be clean and free from any of the following items unless otherwise specified in this document.

- a) Equipment;
- b) Utility pipes;
- c) Cables
- d) Sprinkler systems;
- e) Windows;
- f) Pest;

In case of pest it should be noted that rodents often gnaw cables resulting in cable damage and possibility of service disruption. Special attention must be given to prevent pest entering telecom spaces and pathways. This should be through the use of best practiced pest control methods. An additional measure could involve the installation of covers to cable trays; if this is the case these covers must be removable to allow for the installation of additional cables.

In order to move equipment into and out of telecom rooms no access from outside of the building to these rooms must be less than 1000mm x 2100mm (W x H).

Floor Loading of telecom room shall be 10kNm<sup>2</sup> (distributed load).

### **3.3.1.2 Main Telecom Room**

A main telecom room must be provided on the ground floor or basement floor. This room will be used for the termination of telecom cables and to house telecom equipment both now and in the future. The location has to be chosen giving maximum freedom for the developer to save e.g. expensive floor space or cater esthetic requirements e.g. at the entry level of a building.