



## CHAPTER 4

### SITE PLANNING & EXTERNAL FIRE FIGHTING PROVISIONS

#### ROOT OBJECTIVES

The primary intentions of this chapter are encapsulated in the following statements:-

- R4.1 Provide space at the building site to enable effective mounting of fire fighting and rescue operations.
- R4.2 Provide reliable and adequate water supply to enable effective fire-fighting operations.

#### SUB-OBJECTIVES

The following criteria define the conditions necessary to fulfil the intentions of this chapter:-

- S4.1 Provision for adequate and appropriate access for effective manoeuvring of fire fighting appliances at the building site for fire-fighting purposes.
- S4.2 Provision for adequate structural provisions for accessways to sustain the operational loads of the fire appliances.
- S4.3 Provision for adequate and appropriate provision of external entry locations on the building facade for fire-fighting and rescue operations.
- S4.4 Provision for proper identification of fire fighting access at the building site and external entry locations for fire fighters on building facade.
- S4.5 Provision for appropriate siting of reliable and adequate hydrant water supplies and related facilities at the building site.