

## 2.9. Access into the building for Fire Fighters

- 2.9.1.** At fire service access level, Civil Defence vehicles shall be able to approach and park to within 15 m and within sight of a suitable entrance which gives access to the Interior of the Building, a Firefighting Lift and associated staircases.
- 2.9.2.** Breaching inlets should be visible from fire engine parking to avoid delay in locating them upon arrival of the fire crew. For better response, the distance from Fire vehicle parking to breaching inlet is limited to one hose length, 18m.
- 2.9.3. Emergency Command Center**
- a. An Emergency Command Centre as per **Chapter 1**, shall be provided in any building which is 'Highrise' with building height of 23 m, in Malls and Amusement Parks and Superhighrise buildings, having height more than 90 m.
  - b. Emergency Command Center essentially shall be on the building front side, along the Fire Accessway. Fire Command Centers at below grade or above discharge level are not acceptable.
  - c. The fire command center shall be separated from the remainder of the building by not less than a 1-hour fire barrier constructed in accordance with **Chapter 1**.
  - d. Fire Command Center shall be a minimum of 19 m<sup>2</sup> with minimum dimension of 3 m on any side. The entrance to the Command Center shall be on the exterior of the building along the Fire Accessway. Where such an entrance is not feasible, Fire Command center shall be at the Main entrance lobby of the building.
  - e. Mechanical Ventilation, as per **Chapter 10**, shall be provided for the Command Center.
  - f. An Emergency Command Centre shall be equipped with following features.
    - i. Schematic building plans indicating the typical floor plan and detailing the building core, means of egress, fire protection systems, fire-fighting equipment and fire department access and the location of fire walls, fire barriers, fire partitions, smoke barriers and smoke partitions. etc.
    - ii. The emergency voice evacuation alarm communication system control unit.
    - iii. Two-Way fire department communications system.
    - iv. Fire detection and alarm system annunciator.
    - v. Annunciator unit visually indicating the location of the elevators and whether they are operational.
    - vi. Status indicators and controls for HVAC and air distribution systems.
    - vii. The fire-fighter's control panel, Smoke Control Panel (SCP) required by **Chapter 10** for smoke control systems installed in the building.
    - viii. Access Control Systems schematic and Controls for unlocking stairway doors.
    - ix. Fire pump status indicators.
    - x. Sprinkler valve and waterflow detector display panels.
    - xi. Emergency and standby power/Generator status indicators and manual start and transfer features.
    - xii. Public Address system.
    - xiii. Work table.
    - xiv. Elevator fire recall switch.