In this Chapter :

INTENTIONS

- To ensure Civil Defence and their Fire fighting trucks, vehicles and Fire Boats have approved accessway with desired clear dimensions and load carrying capacities to developments, buildings and gated subdivisions.
- To ensure proper access to buildings and Fire and Life Safety equipment are available for Fire Fighters.
- To ensure sufficient water supply is available through fixed Fire Fighting Systems.

1. Definitions

1.1. Fire Access Roadway

The road to the building or structure to allow access for Civil Defence fire-fighting and rescue apparatus.

1.2. Fire Service access level

Level where Civil Defence Fire Appliances (Fire Truck/Engine) are deployed and where fire fighters have direct access into the building.

1.3. Fire Accessway

The path adjacent to the building or structure to allow operational setup for Civil Defence fire-fighting and rescue apparatus such as Aerial Appliances.

1.4. Turning Facility

The Fire access Road arrangements such as T-Turn, V-turn, U-Turn, where Civil Defence Fire Vehicles can make turns, usually to overcome dead ends.

1.5. Breeching inlet

A connection through which the Civil Defence fire department can pump supplemental water into the sprinkler system, standpipe, or other system, furnishing water for fire extinguishment or to supplement existing water supplies.

1.6. Landing Valve

A 65 mm diameter instantaneous water outlet normally located near the staircase for trained or Civil Defence fire fighters to use during fire.

1.7. Hose Reel or Hose Rack

A 25 mm or 40 mm diameter instantaneous water outlet with a connected hose for trained occupants or Civil Defence fire fighters to use during fire.

Photo Caption

1.8. Standpipe

The vertical portion of the system piping that delivers the water supply for hose connections (and sprinklers on combined systems), vertically from floor to floor. The term standpipe can also refer to the horizontal portion of the system piping that delivers the water supply for two or more hose connections (and sprinklers on combined systems) on a single level.