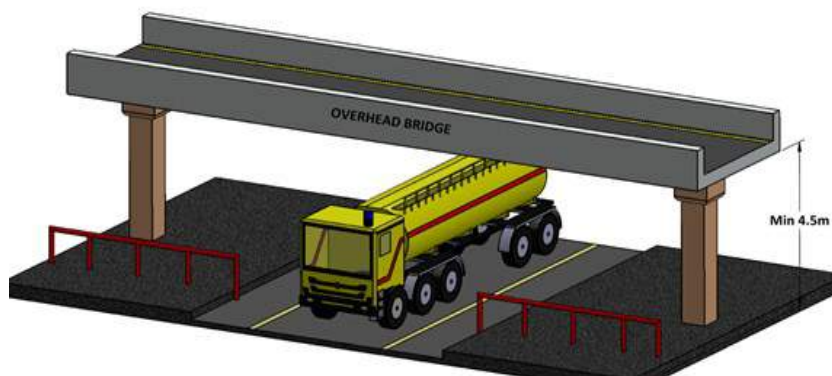


2.6. Fire Accessway for Fire Vehicles

- 2.6.1.** The accessway shall have a minimum width of 6 m throughout. Such access way must be able to accommodate the entry and maneuvering of fire engine, extended ladders, pumping appliances, aerial appliances, turntable and / or hydraulic platforms.
- 2.6.2.** Accessway shall be provided to within 18 m of breeching inlet for all midrise and high-rise buildings that exceed the habitable height of 15 m.



- 2.6.3.** Overhead obstruction to accessway could be entrance gate, link or bridges connecting buildings. However, vertical clearance of 4.5 m for the Accessway shall be maintained. See **Figure 2.1.**

Figure 2.1: Vertical Clearance for Fire Vehicle

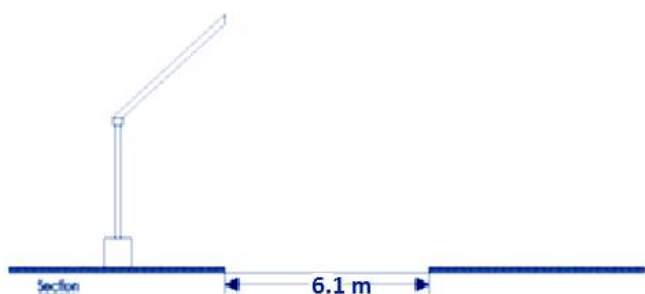


Figure 2.2: Security Barrier for Fire Vehicle

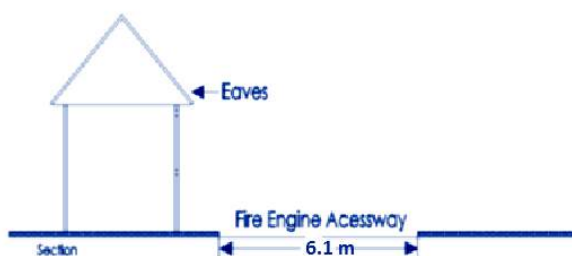


Figure 2.3: Security guard house eaves clearance

- 2.6.4.** The security barrier, when lifted up, shall not obstruct the fire engine accessway. Eaves of the security post or guard house shall not project into the fire engine accessway. See **Figure 2.2. And 2.3.**

- 2.6.5.** Accessway provided on turfed area such as synthetic grass, composite material, sports surfaces must be marked with contrasting object (preferably reflective) that is visible at night. The markings are to be at an interval not more than 3 meters apart and shall be provided on both sides of the accessway.

Table 2.2: Fire Vehicle Access Specifications

CIVIL DEFENCE VEHICLE ACCESS SPECIFICATIONS	REQUIREMENTS
Maximum Parking distance of Civil Defence Vehicle from building entrance	15 m
Maximum Parking distance of Civil Defence Vehicle from Breeching inlet	18 m
Maximum Road Grade of the Civil Defence Vehicle Access	10%