



Fire Services Department

Emergency Vehicular Access (EVA)





Duties of FSD

- Extinguish fires
- Protect life and property in case of fire or other calamity
- Render immediate medical attention and convey to hospital
- Give fire safety advice





Provision of EVA

- Buildings (Amendment) Ordinance 2004
- The authority on the provision of EVA has been vested upon the Building Authority
- FSD will give advice from user and operational point of view



Role of FSD:

Offer comment from user
& operational point of view



Accessibility

- As an emergency service provider, FSD concerns on the accessibility of our emergency vehicles to buildings and developments
- Accessibility ~ Timely Delivery of Emergency Services





Accessibility

- Passage & operational siting of fire engines
- Conveyance of equipment and fire-fighters
- Extinguish fires
- Rescue in case of fire or other calamity



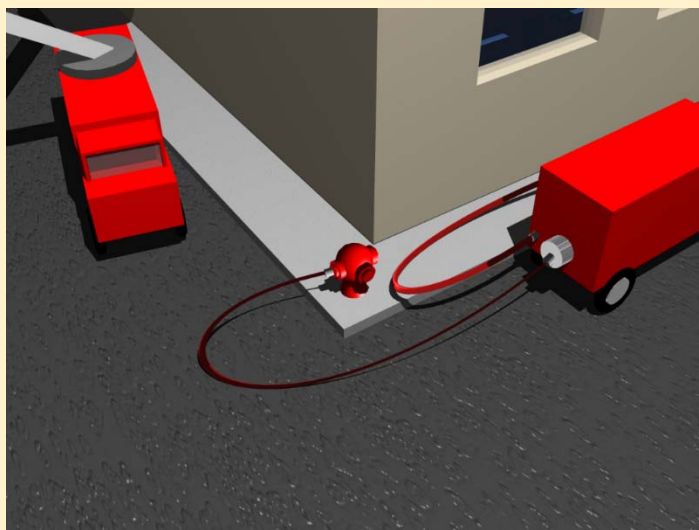
Operational Siting

- External fire fighting and rescue
- Aerial operation
- Staging area, command post, logistic area



Firefighting Water

- Street hydrant at 100m intervals on EVA
- Town main or stored water tank supply





Accessibility

Ambulances

- Convey equipment and ambulancemen to scene
- Render immediate medical attention
- Convey patients to hospital


Operational Siting



- Triage
- On-site medical attention
- Transportation area for ambulance.

EVA Deficiency



Chapter:	123F 	Title:	Building (Planning) Regulations	Gazette Number:	L.N. 171 of 2004
Regulation:	41D	Heading:	Emergency vehicular access	Version Date:	31/12/2004

(4) A building in respect of which an exemption under paragraph (3) is in force shall comply with such other fire safety measures as may be specified by the Building Authority for the purpose of ensuring that the safety of the building would not be prejudiced by the exemption.

(15 of 2004 s. 60)

- Building Authority may require to enhance the fire safety provisions to compensate for the non-provision or deficiency of EVA when exemption is granted.
- Enhanced fire safety provisions include means of escape, means of access, fire resisting constructions and Fire Service Installations (FSI).

Examples of FSI Enhancement



- Upgrade tank size
- Direct telephone line
- Sprinkler (fast response type)
- Pressurized Staircase / Natural Venting Staircase

Harbourfront Case – Central Reclamation Phase III



- EVA alignment 1st formulated in 2004
- Subsequent revisions due to additional buildings proposed
- Present EVA arrangement (2013)



Thank You