

### 2.10.2. Breaching Inlets (Civil Defence connections)

- a. Breaching inlet (Fire department connections) shall be located on the street side of the buildings, near the building entrance and on the Fire Accessway. Breaching inlet shall be within 18 m from the Fire vehicle parking slot.
- b. These breaching inlet connections shall be located and arranged such that hose lines can be readily and conveniently attached to the inlets without interference from any nearby objects, including buildings, fences, posts, trees or other fire department connections.
- c. Breaching inlets shall consist of
  - i. Four 65 mm, (4-Way) direct coupling type fitting for wet riser.
  - ii. Two 65 mm, (2-Way) direct coupling type fitting for Sprinkler Riser.
  - iii. Two 65 mm, (2-Way) direct coupling type fitting for Dry riser.
- d. Breaching inlets shall be equipped with caps to protect the system from the entry of debris.
- e. Fire department connections shall be located not less than 457 mm nor more than 1219 mm above the finished ground level.
- f. Each breaching inlet connection to Sprinkler/Wet riser/Dry riser systems shall be clearly designated by a sign as follows:
  - i. The sign shall have raised or engraved letters at least 25.4 mm in height on a plate or fitting.
  - ii. The sign shall be both in English and Arabic indicating the service for which the connection is intended and shall read, for example, as follows:

**WATER TANK / SPRINKLER / WETRISER / DRYRISER**

- g. The design, calculations, Pipe and fitting sizes, Material requirements etc. shall comply with **Chapter 9, Breaching inlets (Civil Defence connections)**

### 2.10.3. Fire Hose Cabinet (FHC)

- a. Fire Hose Cabinets (Hose Stations) complying to **Chapter 9**, shall be available in all buildings for Fire Fighters.

## Points to Ponder

Consideration should be given to the provision of two sets of breaching inlets at two separate and remote locations so that Fire Fighters have optional safe location to pump the water when one location is compromised by Fire, Smoke, falling flaming debris, melting Façade debris etc.