

Deviation

Any digression from standards and guidelines.

Directly Buried

Installing a utility underground without encasement.

District Cooling Network

A pipeline system consisting of centralised production and distribution of cooling energy within a district.

Drainage Inlet

See Stormwater Drainage Inlet.

Duct

An enclosed tubular casing for protecting wires, lines, or cables, often flexible or semi-rigid.

Encasement

A structural element that surrounds a carrier or casing.

Environment

The natural and built places within or surrounding a community.

Estidama

'Estidama', which means sustainability in Arabic, is a UPC initiative to create more sustainable developments and communities. It is tailored to Abu Dhabi and Vision 2030 and aims to balance four pillars: environmental, economic, cultural, and social.

Fibre Optic Network

A cable system for transmitting information from one place to another by sending pulses of light through an optical fibre.

Fill

Backfill alongside a pipe, duct line, conduits, cables, etc.

Fire Fighting Water Supply Network

A system of pipelines and fire hydrants for providing water to assist in extinguishing a fire.

Fire Hydrant

A source of water provided to enable firefighters to tap into the municipal water supply to assist in extinguishing fires.

Frontage Lane

Additional access lane usually parallel to a main high vehicle capacity street carriageway, usually associated with lower speeds and multiple access points.

Furnishings Zone

The area of the Pedestrian Realm that provides a buffer between pedestrians and the Edge zone, Cycle Track, parking lane and/or vehicle Travel Lanes.

Gas Supply Network

A pipeline system (gas lines) for the transport of gas fuels and their distribution among consumers.

Goal

An ideal future outcome, condition or state related to the public health, safety or general welfare toward which planning, design and implementation measures are directed.

Grade Separation/Grade-separated Crossing

A facility that allows movement over or under a barrier, such as a street or waterway.

Grate

A framework of lattice, grid or bars that prevents large objects from falling into a drainage inlet.

Gravity Main

A pipe through which a fluid flows due to the forces of gravity alone and not to an applied pressure head.

Guideline

Guidelines are not mandatory but are considered the preferred practice in typical situations.

High Security Networks

The Fibre Optic Systems for high security networks.

Highway

A limited access roadway designed largely for use by automobiles. The utility corridors design requirements for highways are different from those of urban streets and are not covered by this Manual.