

Pearl Rating System

The Estidama Pearl Rating System (PRS) provides design guidance and detailed requirements for rating a project's potential performance throughout its lifecycle, from design and construction through to operation.

Pedestrian

A person travelling on foot or in a wheelchair.

Pedestrian Realm

The area between the curb and the property or building line. Pedestrian areas are also included at junctions and crossings, as well as bus stops, waiting platforms and taxi lay-bys.

Potable Water Supply (Potable water)

Water that meets established drinking water standards.

Potable Water Network

A system of engineered hydrologic and hydraulic components which provide a potable water supply to consumers.

Power Distribution

Final stage in the delivery of electricity to end users.

Power Transmission

The bulk transfer of electrical energy from primary stations to substations located near demand centres.

Pressure Main

A pipe through which a fluid flows due to an applied pressure head.

Public Realm

Publicly used/owned land or right-of-way.

Recycled Water

The end product of wastewater reclamation that meets water quality requirements for biodegradable materials, suspended matter and pathogens and in general is given to uses such as irrigation and district cooling.

Regulatory Authority

A public authority or government agency responsible for exercising autonomous authority over some area of human activity in a regulatory or supervisory capacity.

Residential Uses

Areas that provide a variety of housing opportunities, allowing for densities varying from villas to multi-dwelling residential buildings.

Retrofit

Install or fit for use in or on an existing structure or facility.

Reviewing Agency

Relevant authority responsible for the review and approval of street/network plans and designs, as directed by the Abu Dhabi Government.

Right-of-Way (RoW)

Publicly operated corridor (between plot boundaries) for transport of all modes and utilities; acquired, dedicated or reserved for the construction, operation and maintenance of a road or street.

Road

A street serving undeveloped, agricultural and very low density areas where few, if any, pedestrians would be expected. A road by this definition is not an urban street and therefore not covered by this Manual.

Rural

A place characterised by undeveloped lands, agriculture and very low population density, and for the purpose of this Manual, as defined in the maps contained in Plan Capital 2030, Plan Al Ain 2030 and Plan Al Gharbia 2030.

Service Corridor

Corridor within the RoW allocated for installing pipes, cables or ducts for a specific utility.

Shared Space

Space where chamber corridors of two adjacent utilities overlap, achieved by the staggering of their chambers. The width of the shared space is a function of the offset between service and chamber corridors (d_{min}) of each utility. Space within service corridors cannot be shared.

Sidewalk

All areas not carrying vehicular traffic.