

Telecommunication Corridor Location

A common telecommunication corridor shall be provided for the telecommunications utility providers, of which there are currently two utility providers operating in the Emirate of Abu Dhabi.

Telecommunication corridors are preferred to be located within the Pedestrian Realm. When space does not permit, they may be located under Frontage Lanes, Parking, or Travel lanes as illustrated in Figure 4.31.

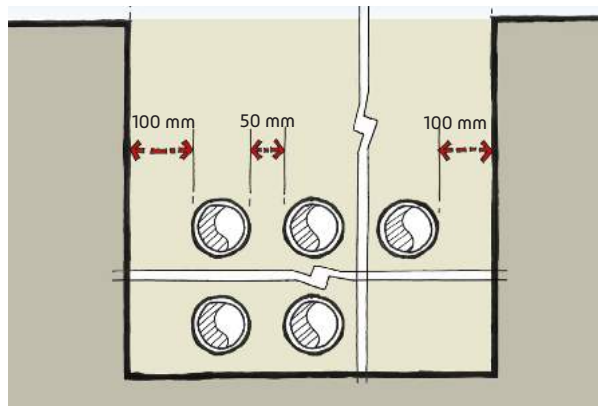


Figure 4.32: Telecommunication duct spacing requirements

Telecommunication Corridor Widths

The width of telecommunication service corridors are based on the number and size of ducts, the array arrangement, chamber sizes, duct spacing requirements, etc. as illustrated in Figure 4.32.

Telecommunication corridor width allocations are presented in Table 4.15.

Telecommunication chambers shall be located within the chamber corridors and be in accordance with the relevant utility providers' requirements.

Service and chamber corridor offsets (d_{min}) for each of the telecommunication corridor combinations are illustrated in Figure 4.33.

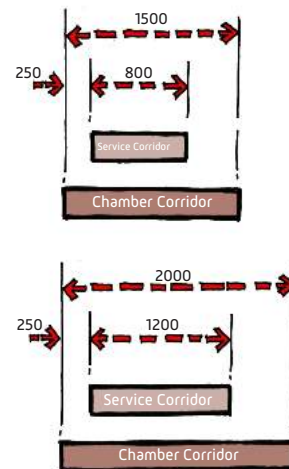


Figure 4.33: Telecommunication service and chamber corridor offsets

Special Arrangements

Where more than one utility provider shares the same service corridor, separate chambers may be installed in accordance with the relevant utility providers' requirements and as illustrated in Figure 4.34.

Adequate facilities within the chambers, such as stepping arrangements or the provision of spare ducts, etc. should be made to facilitate inspection during maintenance operations and if required, allow future telecommunication providers to share the same corridor.

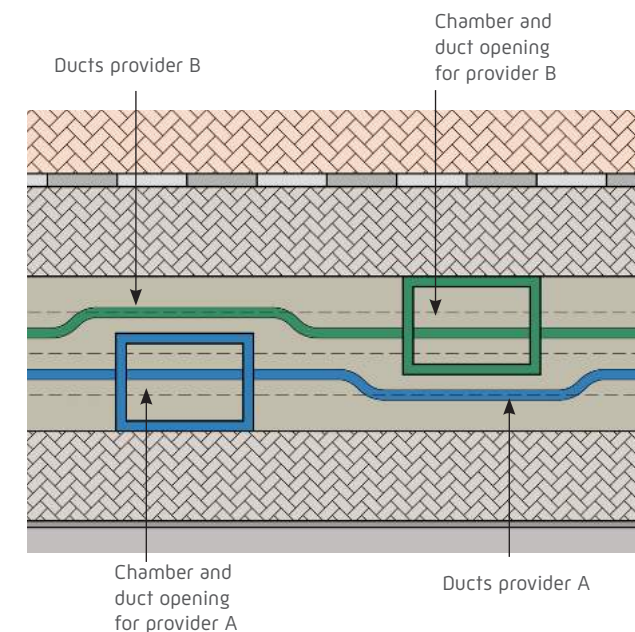


Figure 4.34: Shared Telecommunication corridor