



4.3.12 House Connection Corridor

An unobstructed horizontal clearance of 1000 mm shall be maintained as a house connection corridor between each plot boundary (or edge of RoW) and the first utility adjacent to it. Chambers located within this corridor shall be limited to those relating to house connections only (e.g. inspection, valve, meter chambers, etc.).

Figure 4.39 illustrates examples of two unobstructed House Connection Corridor scenarios, in relation to plot boundary wall foundations and the edge of the RoW.

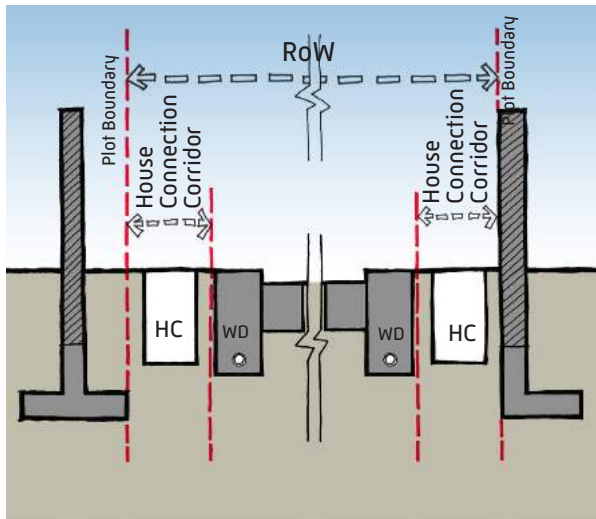


Figure 4.39: Typical House Connection arrangements near to different foundation types

The House Connection Corridor shall extend to the plot boundary, regardless of the plot wall configuration. In accordance with UPC's Development Codes, foundations of walls/buildings should not obstruct utility corridors, including the House Connection Corridor

Figure 4.40 illustrates an example of house connections in a residential development



Figure 4.40: Example of a House Connection Corridor in a residential development

House connection corridors shall not be used for laying utilities longitudinally (i.e. along the corridor alignment, as this limits placement of house connection chambers for other utilities and may result in an increase of the total RoW width).

For utility crossings, priority shall be given to gravity networks as their installation is limited by gradient requirements and invert levels. Where required, adequately sized sleeves (e.g. ducts) shall be installed transverse to the main network to facilitate future house connections.

Figure 4.41 illustrates typical house connection arrangements in plan and cross section. As shown, it may be possible for a single house connection chamber to serve two plots. The placement of house connection chambers within plot boundaries is encouraged, subject to utility providers' acceptance, and unobstructed maintenance access must be provided. House connection corridors may also be used to locate above-ground appurtenances, such as feeder pillars,

electrical cabinets, telecommunication cabinets, etc. provided they are aligned with the Pedestrian Realm design and do not obstruct plot access or movement within the Pedestrian Realm.

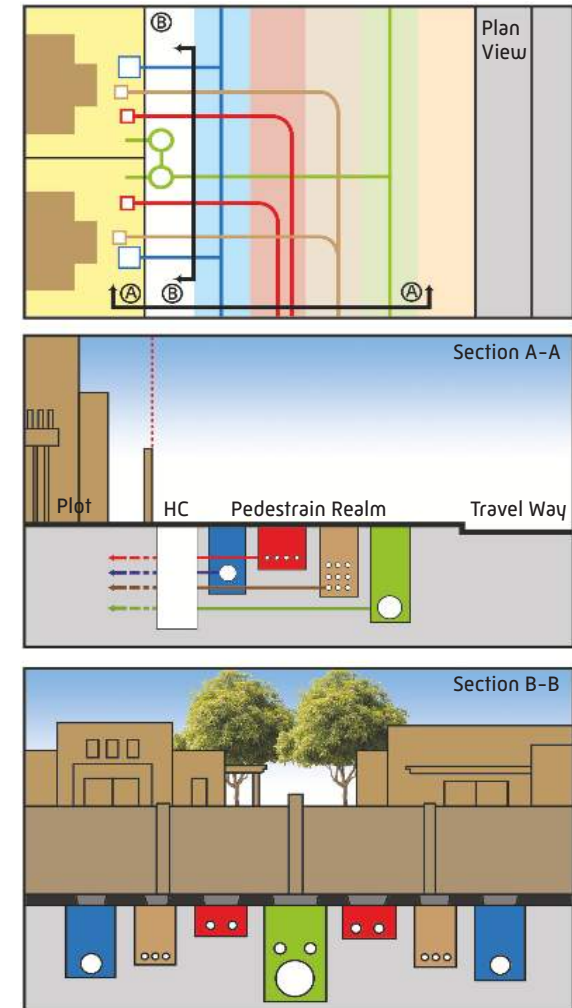


Figure 4.41: Typical House Connection arrangements