

Refer to the conceptual schematic representation of common passive infrastructure **Appendix1- Figure 1**, **Appendix1- Figure 2** and **Appendix1- Figure 3**.

MMRs will be purely passive rooms with no major electromechanical requirements. Passive telecommunication equipment can be located in the MMR depending on the design requirements. Based on the allotted plot area to the lead operator, the developer will discuss in detail on plot layout with the lead operator.

A dedicated MMR design & construction guideline that describes the MMR architectural, structural, electrical and mechanical details can be requested from the lead operator for further reference.

3.2 Lead-In Ducts

The building developer must provide lead-in ducts for main and redundant route from the main telecom room to the plot boundary. The exact connection points at the plot boundary will depend on whether the lead operator's network already reaches the plot. Special need like possible redundancies and multiple connection of a building are up to individual agreement.

■ Scenario 1 – Duct network already exists

- The building/villa owner/contractor will be responsible to connect to the Operator's duct systems. For various methods Lead-In duct linking, refer Appendix 1- Figure 6, figure 7.
- The Operators will identify the location and quantity of their lead- in ducts.

■ Scenario 2 – Duct network is still to be built

- The building developer will be responsible to extend the lead-in duct to 1m outside the plot boundary. The building developer is responsible for locating and clearly identifying lead-in ducts.

It should be noted that the Operators may have different connection points for the specific development. In all cases the building developer will be responsible for the maintenance and repair of lead-in ducts.

The lead-in ducts will be reserved for the use of the Operators. The quantity and size of these ducts are detailed in **Appendix - 6 - Summary Table ISP Specification**.

The main and redundant lead-in duct specifications are as follows: