

## **Common Observations in Plumbing Proposals (2021 December to 2022 February)**

### **Guidebook: Submission Requirements**

- Design information should include (i) estimated daily consumption; (ii) lot boundary, (iii) building line, (iv) actual address and (v) location of connection points.
- Design details pipes' size, details of water meter room/cabinet and alignment should be included for the underground layout plan as well
- Design details such as piping arrangement, meter positions and its arrangement details should be consistent in the layout and vertical plumb line diagram (VPLD).

### **TR 3: Metering**

- M&E Requirements: Provision of adequate drainage inside the meter room and the meters box positioned at floor level shall be made.
- Details such as the size, position and minimum working clearance of the meter should be clearly indicated in the drawing.
- [Minimum clearance should be provided for water meters according to Fig. 36.](#)

### **TR 4.2: Fresh Water Supply**

- All plumbing works between the lot boundary and any master meter or check position shall be exposed or laid in a proper service trench. Adequate drainage shall be provided. Adequate drainage shall be provided.
- If the connection is not laid in an exposed manner at the lot boundary, then it should be laid inside underground service trench/duct with adequate cover. [The depth of proposed underground pipe should be indicated on drawings.](#)
- The concessionary usages such as irrigation and cleansing and its requirements on mode of supply are summarized in Table 4.2.5.2.1 of TR.

### **TR 6.2: Cold Water Cisterns**

- An overflow pipe of one commercial size larger than the inlet pipe should be extended to terminate in a conspicuous position.
- [The warning pipes shall be installed at a level below the overflow pipe and extended to conspicuous location and clearly indicated on the drawings.—](#)

Note: Words in blue fonts means new observations in this quarter.