

Common Observations in Plumbing Proposals (2021 September to November)

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.
- The clear depth measured from the outside face shall not be more than 800mm in meter cabinet / box.

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.
- The plumbing work should be laid inside underground service trench/duct with adequate cover if the connection is not laid in an exposed manner at the lot boundary.
- 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 Technical Requirement.

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.
- Safe access shall be provided to all cisterns by means of a secure permanent ladder or readily available portable ladder.

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