

Common Observations in Plumbing Proposals (2021 June to August)

Guidebook: Submission Requirements

- Design information should include (i) estimated daily consumption; (ii) lot boundary, (iii) **building line** and (iv) **actual address**.
- Design details pipes' size 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.

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 estimated daily consumption should be provided for consideration of the meter size.**

TR 4.2: Fresh Water Supply

- All plumbing works between the lot boundary and check meter position shall be exposed or laid in a proper service trench. Adequate drainage shall be provided.
- Tee-branch valve shall be provided for all underground water pipes.
- **Fresh water supply to building with an overall height of more than 12m shall be supplied by indirect supply systems.**

TR 6.2: Cold Water Cisterns

- Installation requirements for overflow pipes and warning pipes of a potable water cistern shall be noted.
- **For water cisterns with top access, the access on top of the cisterns should have sufficient headroom for operation and maintenance.**

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