

Common Observations in Plumbing Proposals (2021 January & February)

Guidebook: Submission Requirements

- Essential design information should be presented in the plumbing proposals, e.g. estimated daily consumption, datum level and lot boundary.
- Design details should be clearly indicated on drawings such as all pipes and valve sizes.
- Design details should be shown consistently in the plumbing proposals, e.g. number of water points and meter size should be shown consistently in layout plan and vertical plumbing line diagrams.

TR 3: Metering

- Details of check meter's requirements should be clearly indicated in the drawings, e.g. its position and minimum working clearance.
- Architectural and M&E Requirements for the Meter Room shall be met, e.g. the requirements on the clear depth of the water meter box/cabinet, the door size and opening of the meter room.

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.

TR 5.4: Fire Service-Supply Type and Arrangements

- A fullway gate valve and a non-return valve have to be installed on the fire service as close to the Government water supply connection as possible.

TR 6.2: Cold Water Cisterns

- The inlet of a single cistern fed by a gravity supply must be fitted with a ball float valve and stop valve.
- The capacity of the fresh water supply for domestic flats and flushing water storage shall be designed according to WSD's requirement.

Applications for Separate Metering

- The application for separate metering should be in ONE (1) application if applications of the meter installations are within the same building/premises and under the same applicant.
- If the above mentioned applications for separate metering were submitted separately into several individual applications of meter, the applicant shall re-submit in ONE application.