

## Water Installation: Surveillance P-119

P-Engineering can help our Clients design Water Distribution systems for Offices and Apartments' building with

- Low probability of Pollution with Legionella bacteria through optimized Pipe design based on EN10312 Code
- Monitoring Water Quality via Conductivity Measurement via e.g., Endress & Hauser Picomag.
- Monitoring of
  - Leakage
  - Breakage

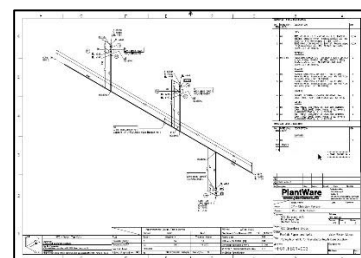
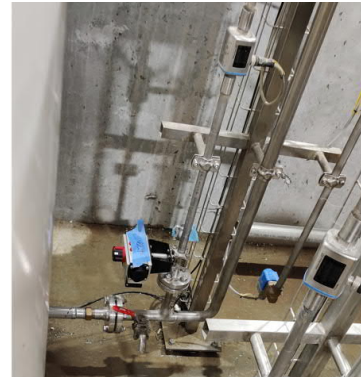
The Conductivity Surveillance helps monitoring the Quality detecting any type of pollution with particles or bacteria. New types of Flow Measuring devises with capability of Measuring Temperature, Flow and Conductivity simultaneous has increased the possible Technical Solutions: Endress & Hauser Picomag is an example of this

The Conductivity Alarms for Leakage and Breakage is built-in to the overall BMS system and monitored via SCADA.

P-Engineering handles Pipe design, Cabling, Signal Busses, BMS-input etc.

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*Examples of Water Surveillance and Prefabrication of Water Piping*