Detail flushing pipe 1:10

**Legend**

- Water supply
- Water drainage
- Tank
- Pipe installations
- Air conditioning/ventilation
- Structural drawing
- Construction plan
- Foundations
- Ventilation
- Watertight pipe penetration
- Non-porous coating
- Non-porous drainpipe
- Tank

**Remarks**

1. Reference design consists of different drawings. "Legend", list of "valves and accessories" and "Remarks" apply to the entire set of drawings.
2. Building type, materials and final dimensions of the entire building or parts of it, depend on the specific application and the local environment.
3. Drainage should be directed into a stream or drainage channel. The ends of main drainage pipes should be protected from animals and plants.
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5. Gate valves which are closed during normal operation must be opened in reasonable intervals to avoid stagnating water.
6. Vestibule with a second door can be added to minimize humidity problems inside the building.
7. Power supply is not to scale.
8. Drainage should be directed into a stream or drainage channel. The ends of main drainage pipes should be protected from animals and plants.
9. Non-porous drainpipe is only applicable for non-pressurized systems.
10. All pipes need to be fixed by metal pipe supports to the building structure like floors, walls and ceiling.
11. Backfill and layer of top soil must be compacted in layers of 30 - 50 cm depending on local soil conditions.
12. Pipe installations inside the building can be carried out in stainless steel or polyethylene.
13. Slope stabilization (type, materials and final dimension) depend on local soil conditions.
14. Structural analysis has to be carried out in each specific case.
15. The building should be connected to power supply if possible.