1. Reference design consists of 4 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 its static requirements.

3. Structural analysis has to be carried out in each specific case.

4. Backfill and layer of top soil must be compacted in layers of 30 - 50 cm depending on local soil conditions.

5. Drain pipe must be directed into a stream or discharge channel. The pipe end must be protected from small animals with grating.

6. Pipe installations inside the building can be carried out in stainless steel or polyethylene.

7. All pipe penetrations in floors and walls must be watertight.

8. Gate valves which are closed during normal operation must be opened in reasonable intervals to avoid stagnating water.

9. All pipes need to be fixed by metal pipe supports to the building structure like floors, walls and ceiling.

10. Vestibule with a second door can be added to minimize humidity problems inside the building.

11. Slope stabilization (type, materials and final dimension) depend on local soil conditions.

12. Plexiglas tubes are only applicable for non-pressurized systems.

13. The building should be connected to power supply if possible.

14. Geometry of the retaining wall depends on the soil type and building dimensions.