Rainwater Harvesting

Nature delivers an abundant supply of soft rainwater, directly to buildings. Our system collects this rainwater, filters, stores and provides this on demand for uses such as WC flushing, irrigation, car washing etc.

There are 2 options:

- Option 1 - Indirect system: Filtered water delivered to header tank with appliances fed by gravity

- Option 2 - Direct system - Filtered water delivered under pressure direct to the appliances

The main components of the system are:

1. Tanks

- GRP underground storage chamber available in various capacities for domestic and commercial applications.
- Shapes and sizes available to suit site requirements.
- Above ground chambers also available.

2. Filters

- Underground filter units divert rainwater into the storage chamber.
- Excess water and filtered particles continue into the surface water drain.
- Above ground filter unit also available.

3. Pumps

- Submersible pumps are installed inside the storage chamber and incorporate a floating filter.
- Surface mounted pumps usually installed inside an adjacent building.
- Mains top-up unit operates automatically when there is insufficient rainfall.

New Haden Pumps Limited
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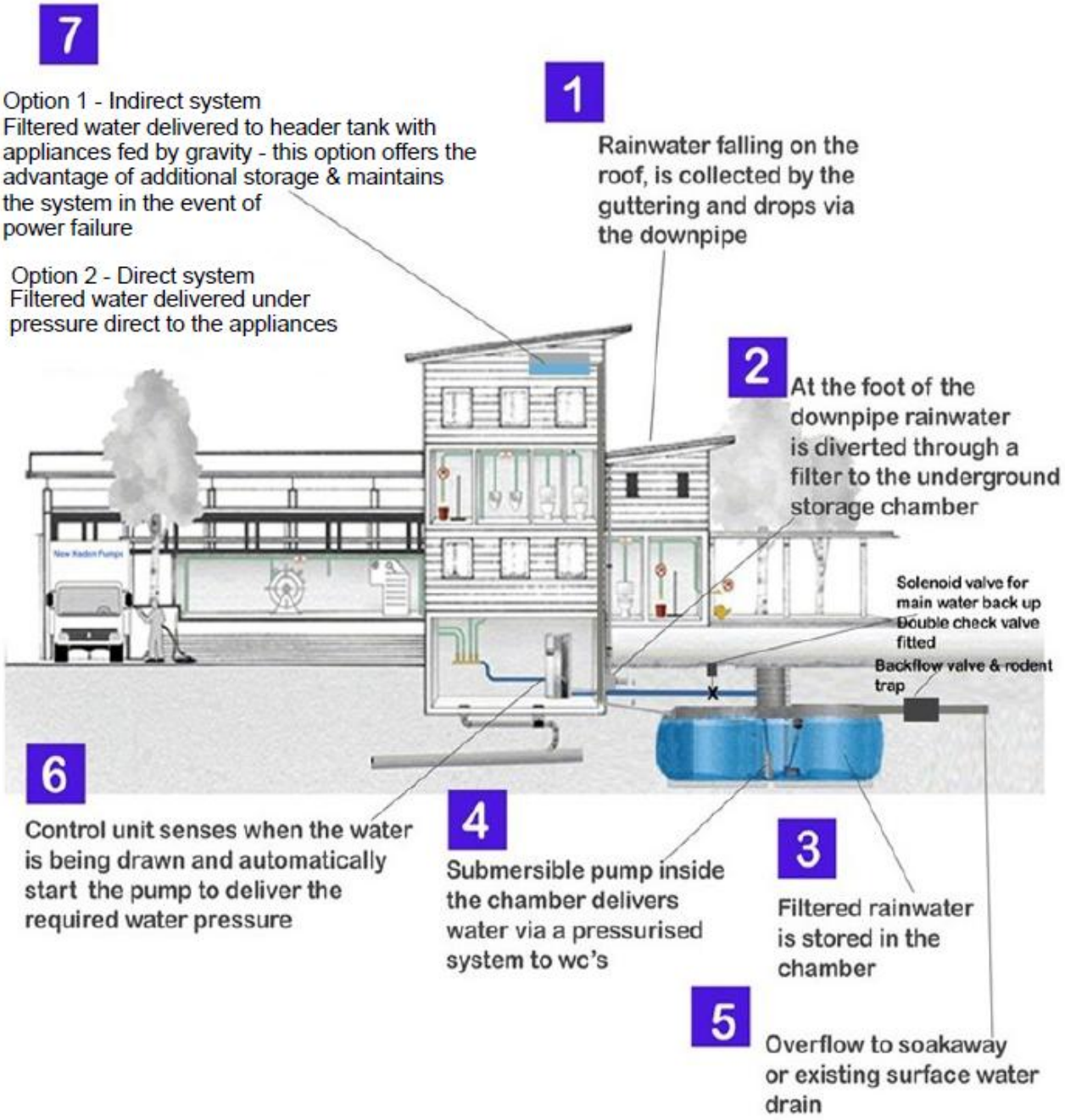
Example installation:



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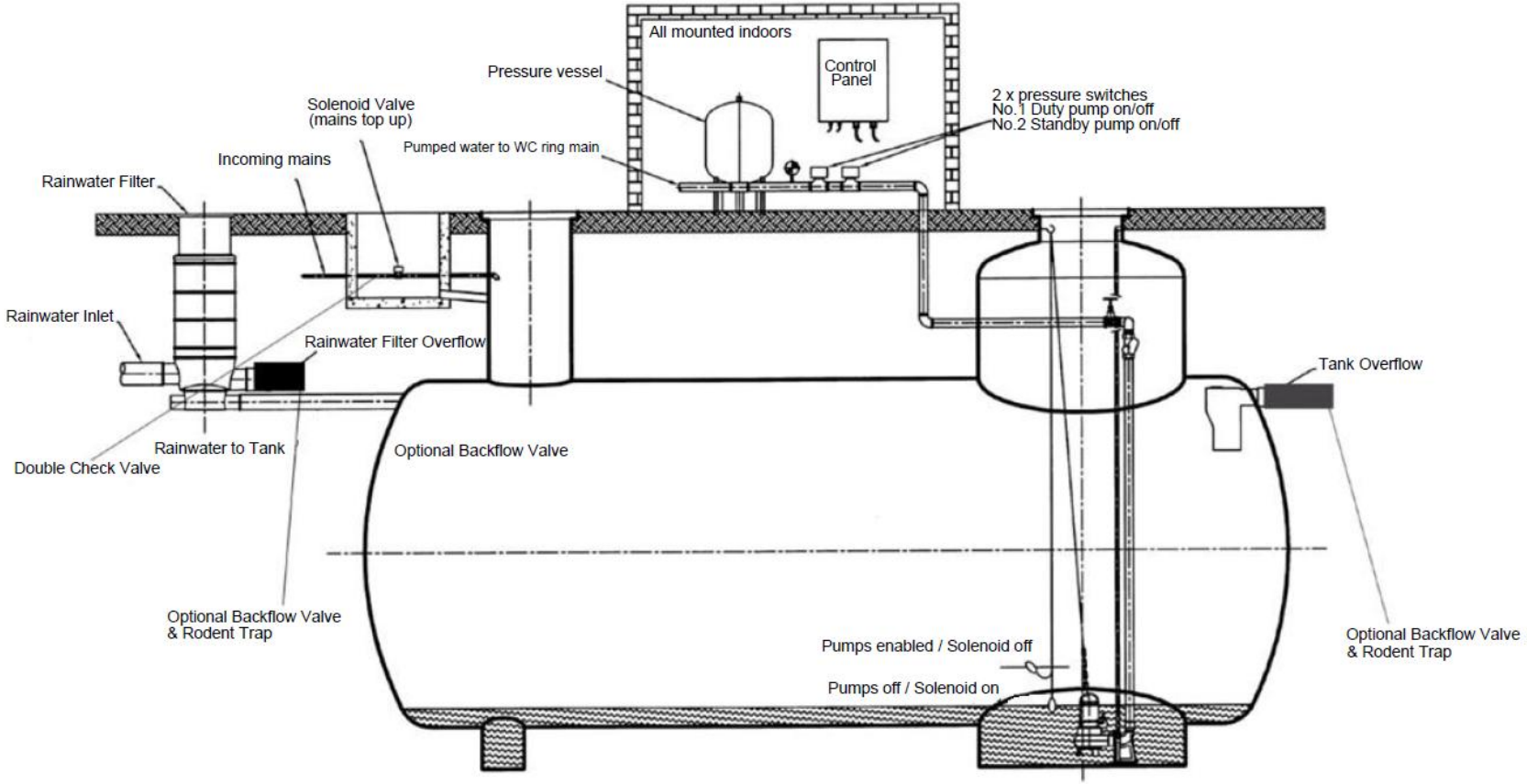
Example tank illustration:



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