

## Specifications for the construction of a Pumping Station

1. Have minimum internal dimensions of 100cm x 100cm or minimum diameter of 100cm.
2. Be made of cast or precast concrete with a minimum thickness of 15 cm for the slab, base and walls.
3. A cast iron cover of minimum dimensions 60cm x 60cm, which meets the applicable Cypriot Standards, CYS EN 124.
4. Meet the specifications of the standard pump station design as shown in Figure 1.
5. The licensee is responsible for ensuring that the electrical installation of the pumping station is approved by the Cyprus Electricity Authority.
6. It must have a capacity that meets the needs of the residents of the building for water consumption for 24 hours and in any case not less than one cubic meter (one ton).
7. In the case of an apartment building, the installation of a second pump is necessary.
8. Where two pumps are necessary, they will operate alternately and a fourth floating switch will be required.
9. The installation of the pump(s) can be either with the auto coupling system or free standing, depending on the pump(s) to be installed.

**Figure 1.**

### Typical sewage pumping station design

