

TYPICAL SEPTIC TANK/PUMP CHAMBER LAYOUT

WILKINSON HEAVY PRECAST LIMITED

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SEPTIC TANK

SPECIFICATIONS

- Conforms to CAN/CSA B66 05
- Working Capacity to be in compliance with requirements of the Ontario Building Code and/or Ontario Ministry of the Environment.
- Standard Tanks available to 45,000 Litres.
- Custom Tanks available to 100,000 Litres.

PUMP CHAMBER

FEATURES

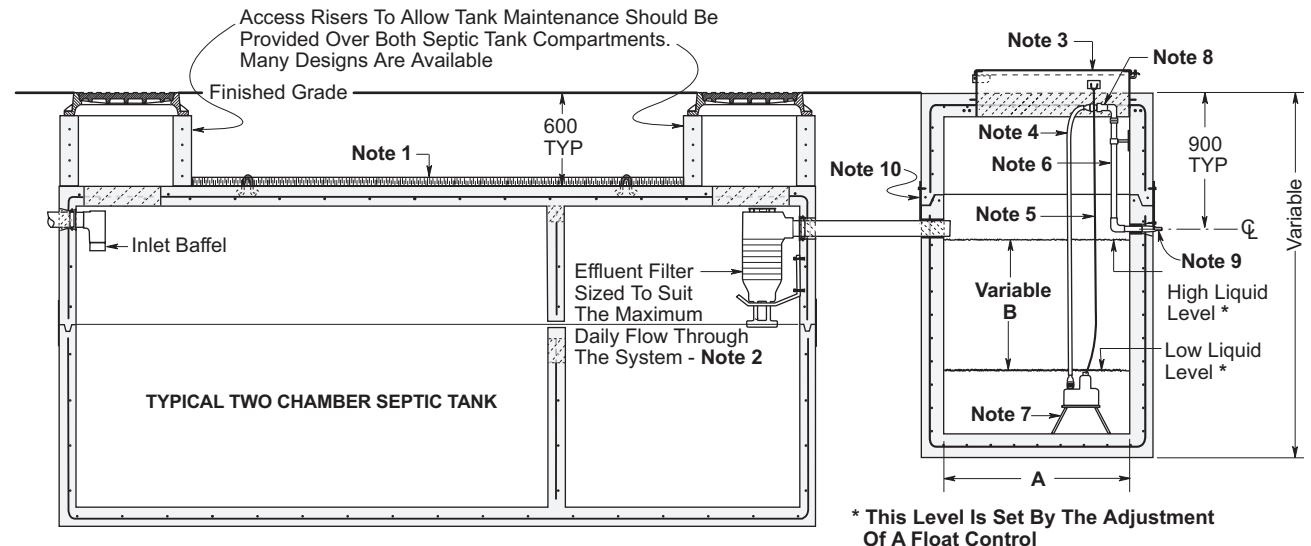
- The entire pump chamber extends to grade allowing full access for clean out pump maintenance.
- Anti-floatation Systems are available for chambers to be installed in areas of seasonal high ground water.
- Monolithic roof and floor slab and single joint with frost straps ensures that contained effluent does not leak out and ground water does not infiltrate the chamber.
- Many sizes can be factory assembled and shipped as a one piece unit.
- Wilkinson can supply as much or as little of the internal componentry as the designer calls for. Please ensure to specify pump requirements, line sizes, etc.

NOTES

1. Rigid foam insulation 50 mm thick (supplied by the installer) will help retain heat thereby enhancing bacterial action within the tank.
2. The effluent filter is supported within the tank on a stainless steel bracket; this ensures the heavily loaded filter housing remains securely in place during pumping and maintenance operations.
3. Hinged lockable cover allows immediate access to pump(s) at any time of year.
4. Flexible hose between pump and stand pipe.
5. Pump lanyard tied off just beneath the access cover.
6. Stand pipe connected to forcemain and held in position with stainless steel bracket.
7. Pedestal stand fastened to bottom of pump keeps the intake up off the floor and out of any accumulated sludge.
8. Camlok fitting allows quick disconnection of the pump from outside the pump chamber.
9. Threaded connection cast into the wall and accessible on the outside of the pump chamber for the connection of a barbed poly-pipe fitting.
10. Mechanical connection system ensures the chamber remains water tight for the life of the pump chamber.

PUMP CHAMBER SIZES & VOLUMETRIC CAPACITIES

A INSIDE SQUARE (Meters)	B LITRES PER VERTICAL METRE FOR DOSING CALCULATIONS
.9 x .9	800
1.07 x 1.07	1145
1.2 x 1.2	1440
1.5 x 1.5	2250
2. x 2.	4000
2.5 x 2.5	5250



For recommended installation procedures refer to Wilkinson Installation Guidelines and Lifting & Assembly Instructions.