



SEPTIC AND CONSERVANCY TANKS

TECHNICAL INFORMATION AND ILLUSTRATIONS

UNIT		COVER	
Capacity	6 800 Litres	Length	3 660 (3.66m)
Length	3 660 (3.66m)	Width	1 700 (1.7m)
Width	1700 (1.7m)	Height	160 (0.16m)
Height	1400 (1.4m)	Weight	2 000 Kg
Weight	5 000 Kg		
Material Used		Sand - Stone - Cement - Steel	
Steel Reinforcement		8mm x 200mm x 200mm (Steel Mesch)	
Round inspection covers on both sides of tank lid.			

* All measurements are in millimeters

Septic Tank

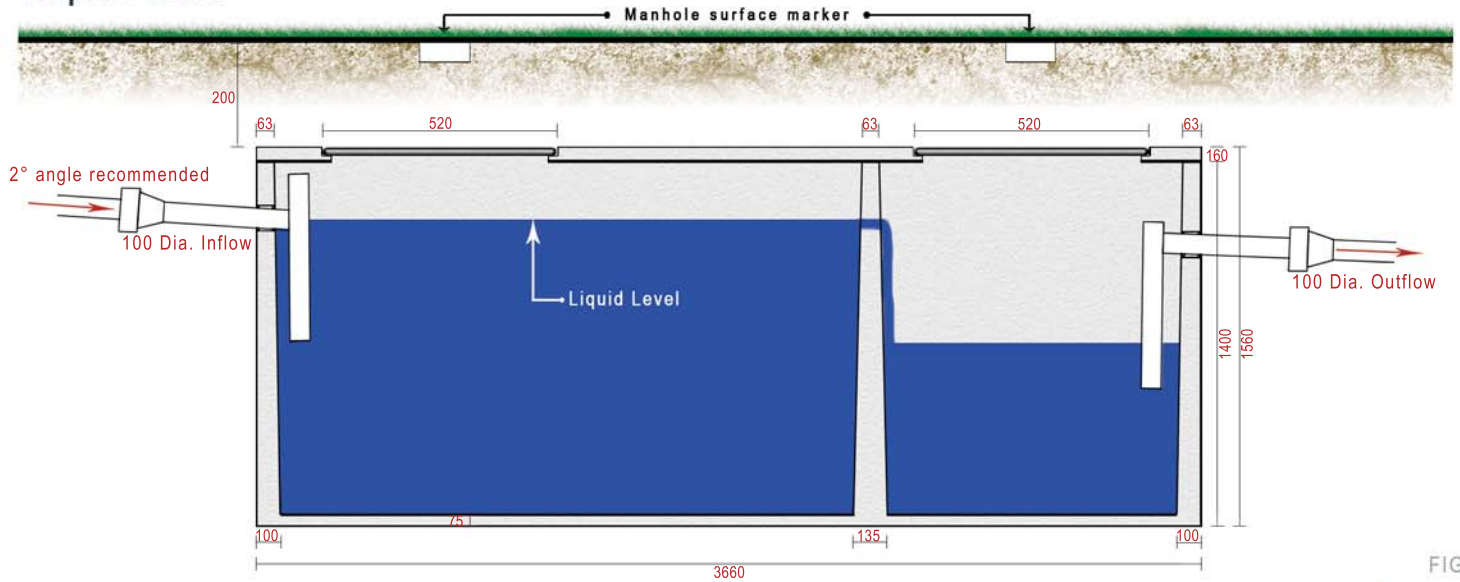


FIGURE 1

Conservancy Tank

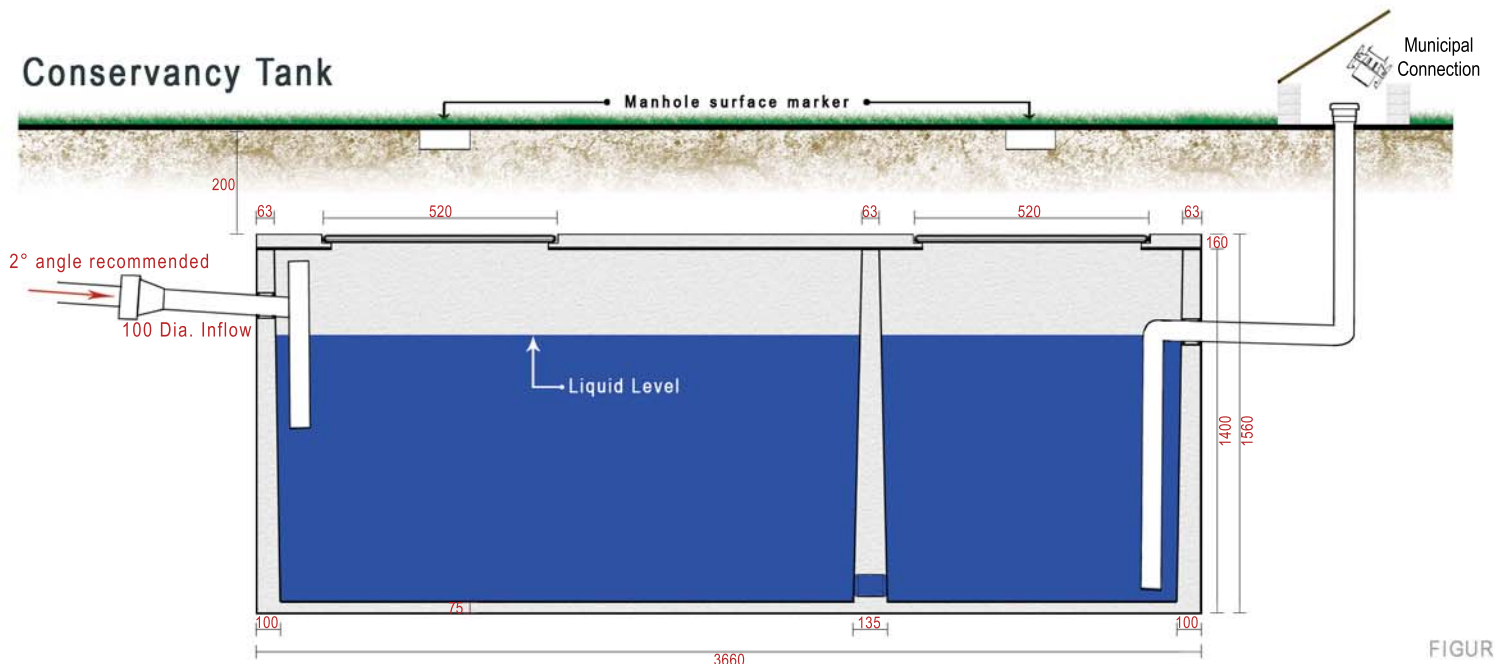


FIGURE 2



SEPTIC AND CONSERVANCY TANKS INFORMATION

NUMBER OF PERSONS	LITRES PER PERSON	INTERNAL SIZE			LIQUID CAPACITY (L)
		LENGTH	WIDTH	DEPTH	
Min 6	420	2 100	1 000	1 200	2520
8	393	2 200	1 100	1 300	3146
10	358	2 500	1 100	1 300	3575
12	336	2 400	1 200	1 400	4032
16 to 20	273	2 600	1 200	1 400	4368

THE CLIENT IS RESPONSIBLE FOR THE FOLLOWING:

- Digging of the hole by means of own contractor. The hole must be 500mm longer on both sides(500mm x 2) to accommodate the clamp (Example: Tank Length: 3660mm; Hole Length: 4660mm).
- Making sure the floor of the hole is as level as possible.
- There must be adequate space and no obstructions for the truck to reach the hole and lower the tank.
- Water inside the hole must be removed prior to installation.
- The filling of the hole with soil immediately after the tank has been lowered.

Celmar is not responsible for any of the client's responsibilities. If the pre-preparation of the hole is not done correctly by die client, the tank will be lowered near the installation area and charged at full.

HOW THE TANK CAN BE UTILIZED

- The tank can be installed beneath a field toilet. Waste removal can be done by any of the two methods.
- The tank can also be put on the border to service four plots simultaneously.

TWO WASTE REMOVAL METHODS

- Soak-away (Septic Tank)
Solids break up in the first compartment and sinks to the bottom. The liquid overflows to the second compartment and gets soaked away through the 100 Dia. outflow. See figure 1.
- Pump (Septic and Conservancy Tanks)
The waste material will be removed by your local council (Municipality) via a pumping system.

THANK YOU FOR YOUR SUPPORT