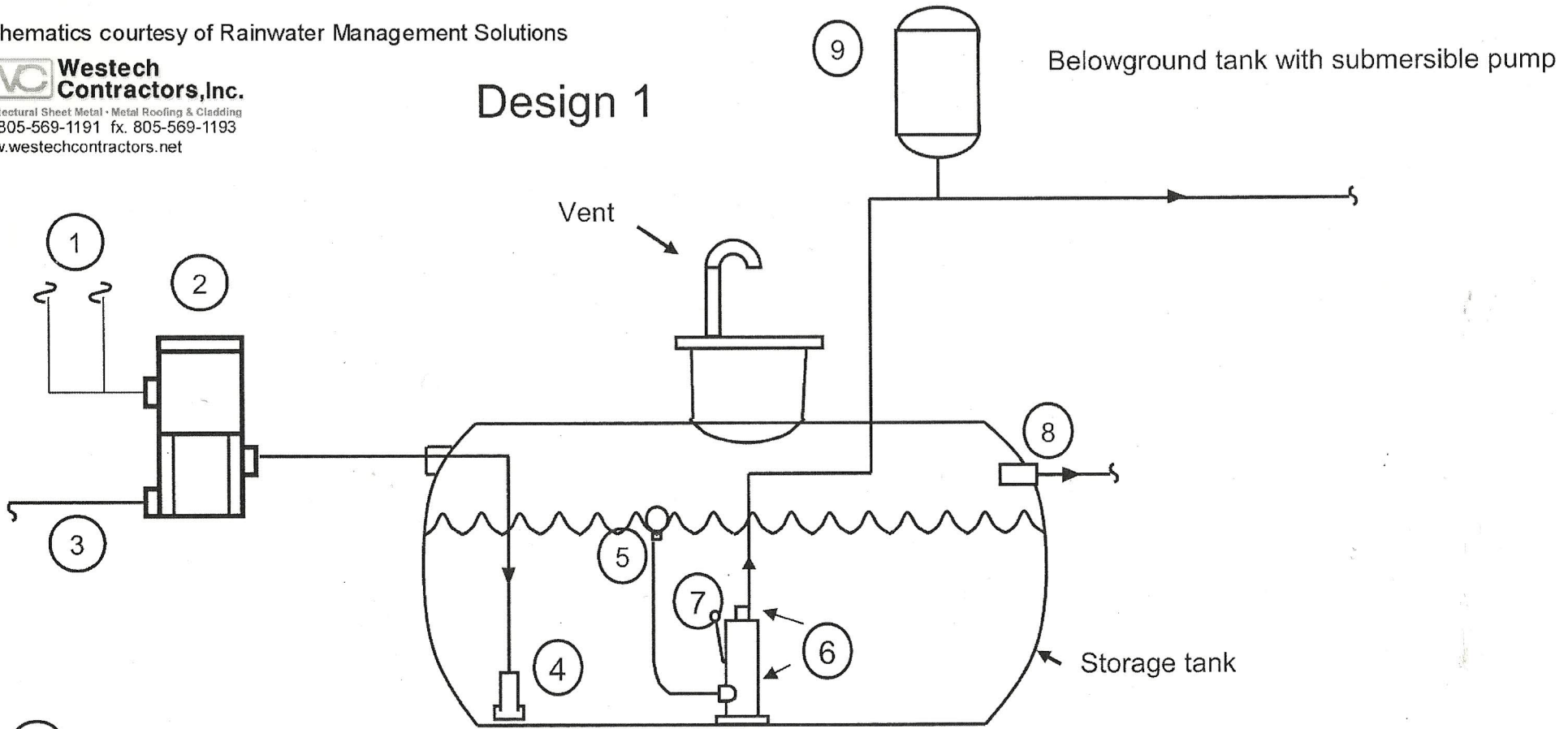


Design 1



1 Rainwater collection point (roof drains, gutters, etc)

2 Rainwater enters the vortex filter and is processed.

3 Remaining water from vortex filter to overflow

4 Smoothing inlet – stainless steel “flow-calming” device to eliminate turbulence of the incoming water as it enters the tank

5 Floating stainless steel suction filter

6 Submersible feed pump with check valve

7 Low water cut off float switch (N/O)

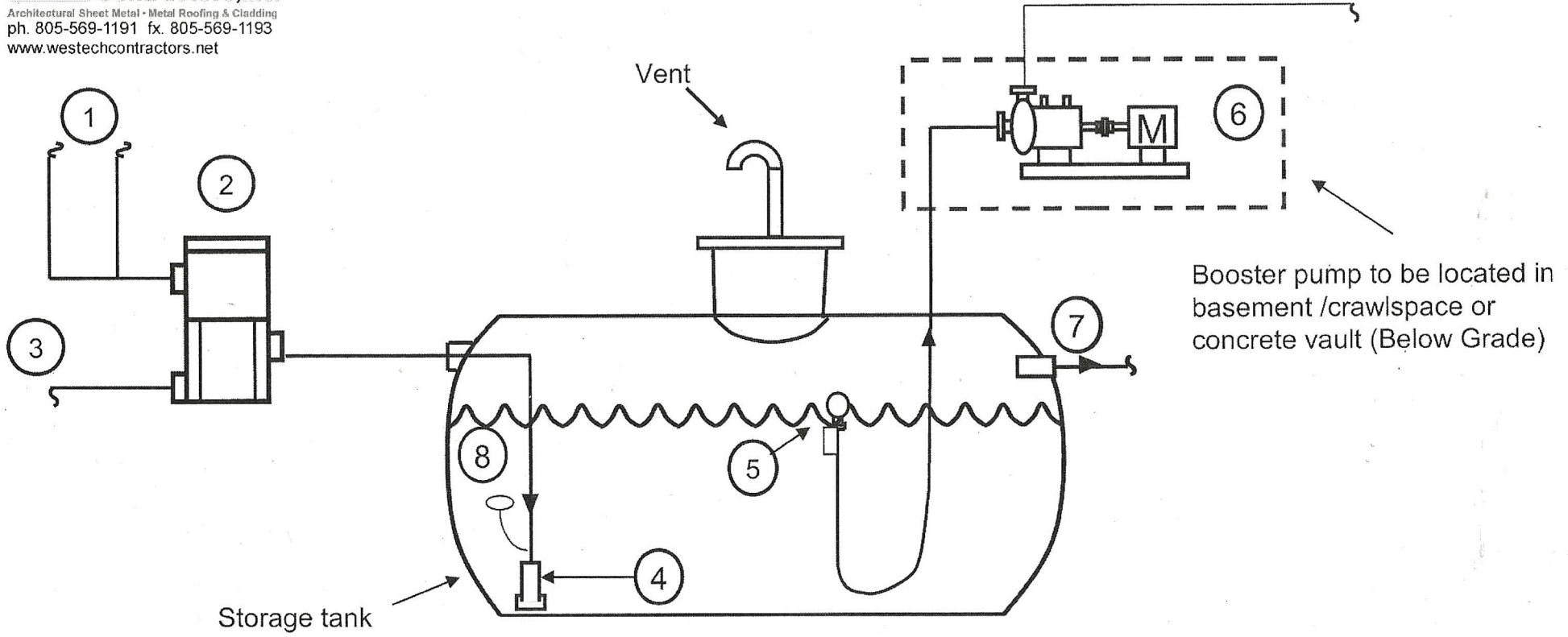
8 Overflow/Multisiphon/Flap Valve

9 Pressure tank with Tank TEE Package

RAINWATER HARVESTING SYSTEM DETAIL (For Design Only)

Westech Contractors, Inc.
 Architectural Sheet Metal - Metal Roofing & Cladding
 ph. 805-569-1191 fx. 805-569-1193
 www.westechcontractors.net

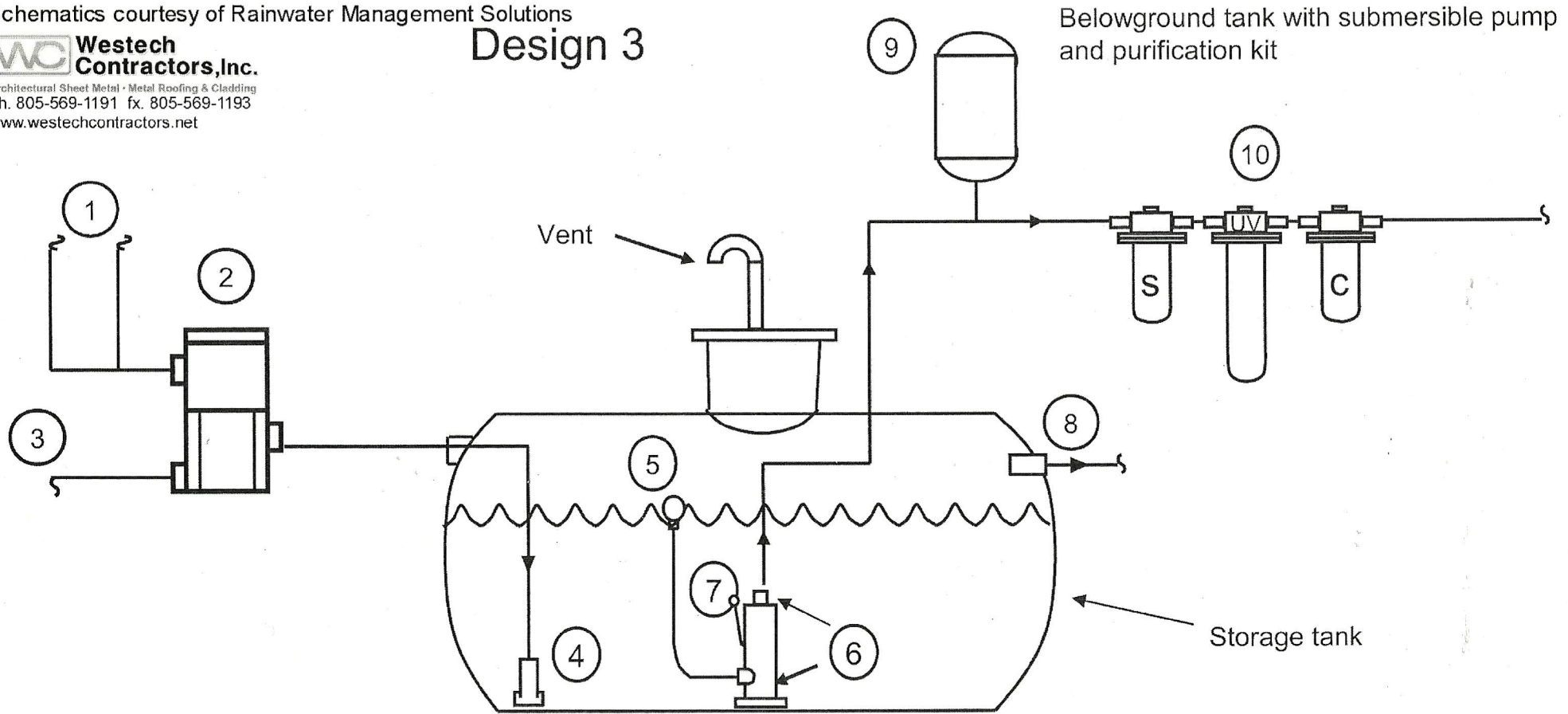
Below grade with booster/suction pump



- 1 Rainwater collection point (roof drains, gutters, etc)
- 2 Rainwater enters the vortex filter and is processed.
- 3 Remaining water from vortex filter to overflow
- 4 Smoothing inlet – stainless steel “flow-calming” device to eliminate turbulence of the incoming water as it enters the tank
- 5 Floating stainless steel suction filter with check valve
- 6 Booster pump
- 7 Overflow/Multisiphon/Flap Valve
- 8 Low water cut off float switch for pump protection (N/O)

RAINWATER HARVESTING SYSTEM DETAIL (For Design Only)

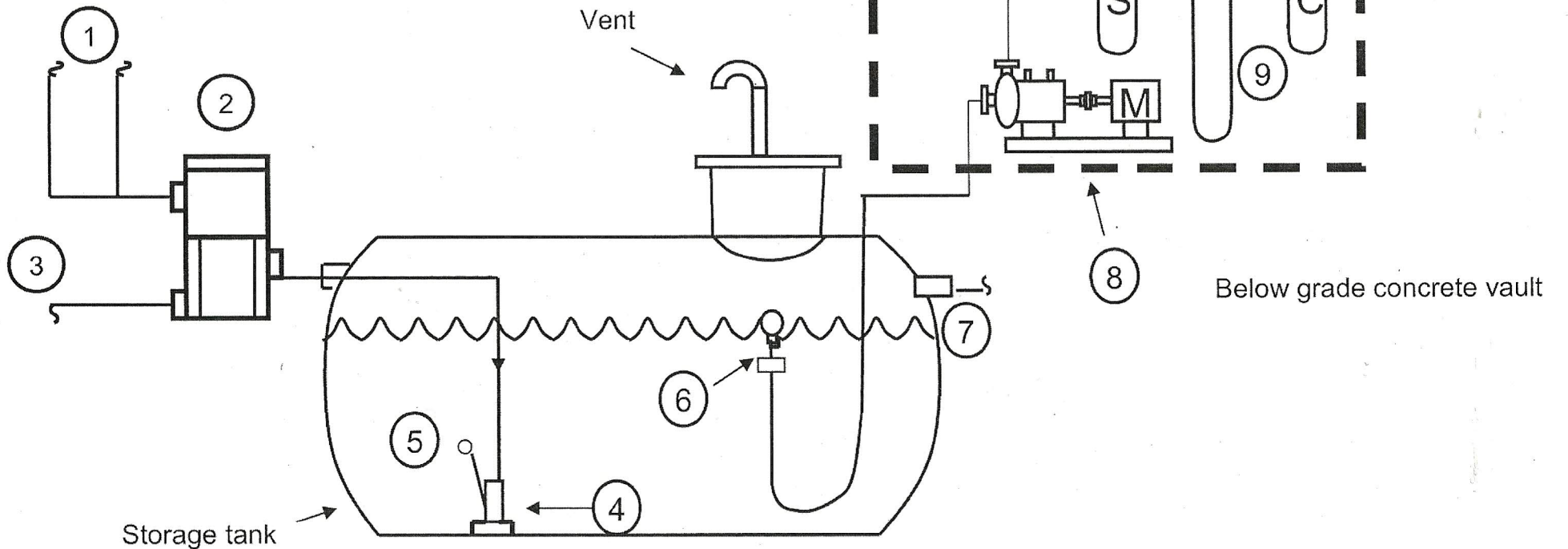
Design 3



- 1 Rainwater collection point (roof drains, gutters, etc)
- 2 Rainwater enters the vortex filter and is processed.
- 3 Remaining water from vortex filter to overflow
- 4 Smoothing inlet – stainless steel “flow-calming” device to eliminate turbulence of the incoming water as it enters the tank
- 5 Floating stainless steel suction filter
- 6 Submersible feed pump with check valve
- 7 Low water cut off float switch for pump protection (N/O)
- 8 Overflow/Multisiphon/Flap Valve
- 9 Pressure tank with Tank TEE Package
- 10 Purification kit

RAINWATER HARVESTING SYSTEM DETAIL (For Design Only)

Design 4



- ① Rainwater collection point (roof drains, gutters, etc)
- ② Rainwater enters the vortex filter and is processed.
- ③ Remaining water from vortex filter to overflow
- ④ Smoothing inlet – stainless steel “flow-calming” device to eliminate turbulence of the incoming water as it enters the tank
- ⑤ Low water float switch for pump protection (N/O)
- ⑥ Floating stainless steel suction filter with check valve
- ⑦ Overflow/Multisiphon/Flap Valve
- ⑧ Jet pump
- ⑨ Water purification system

RAINWATER HARVESTING SYSTEM DETAIL (For Design Only)

