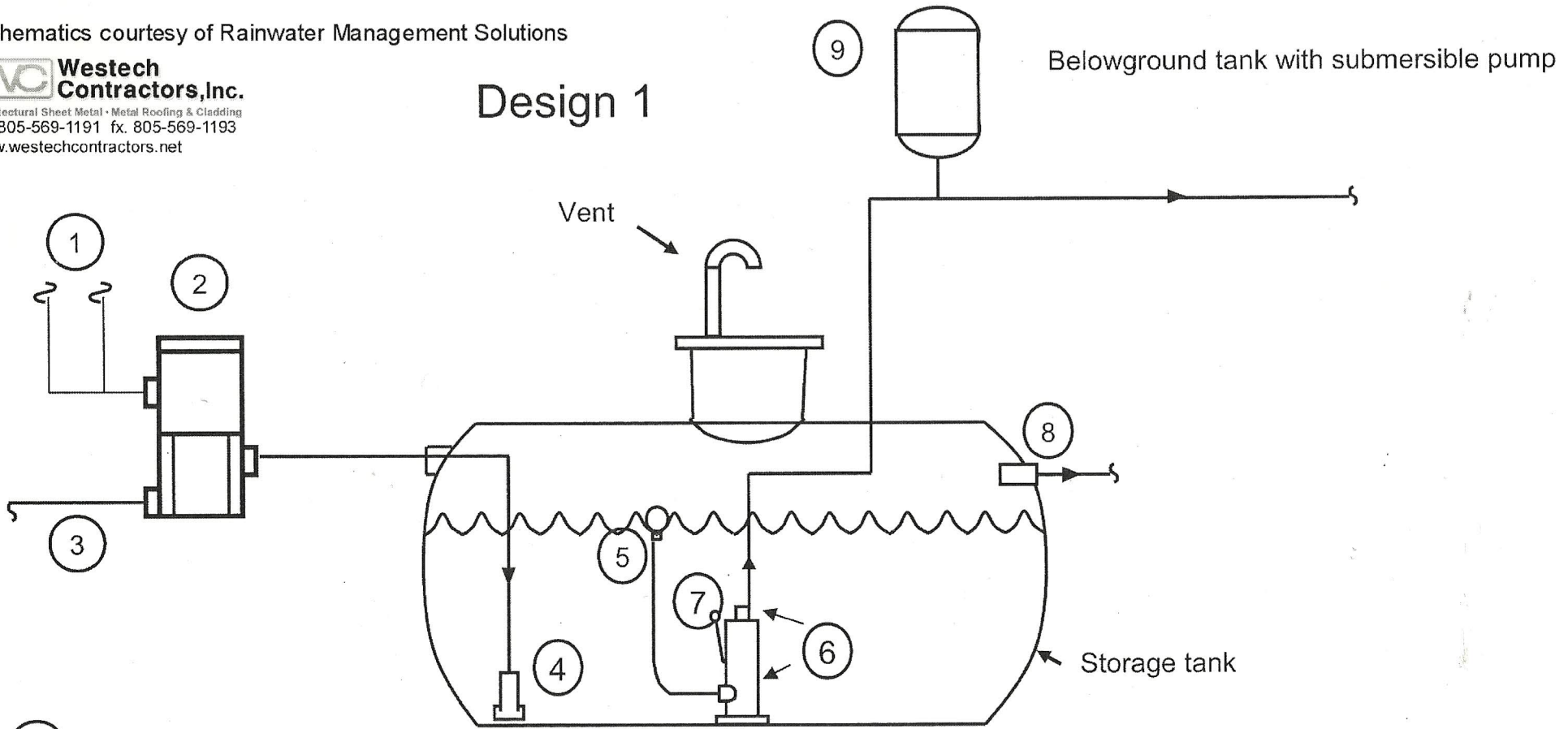


# Design 1

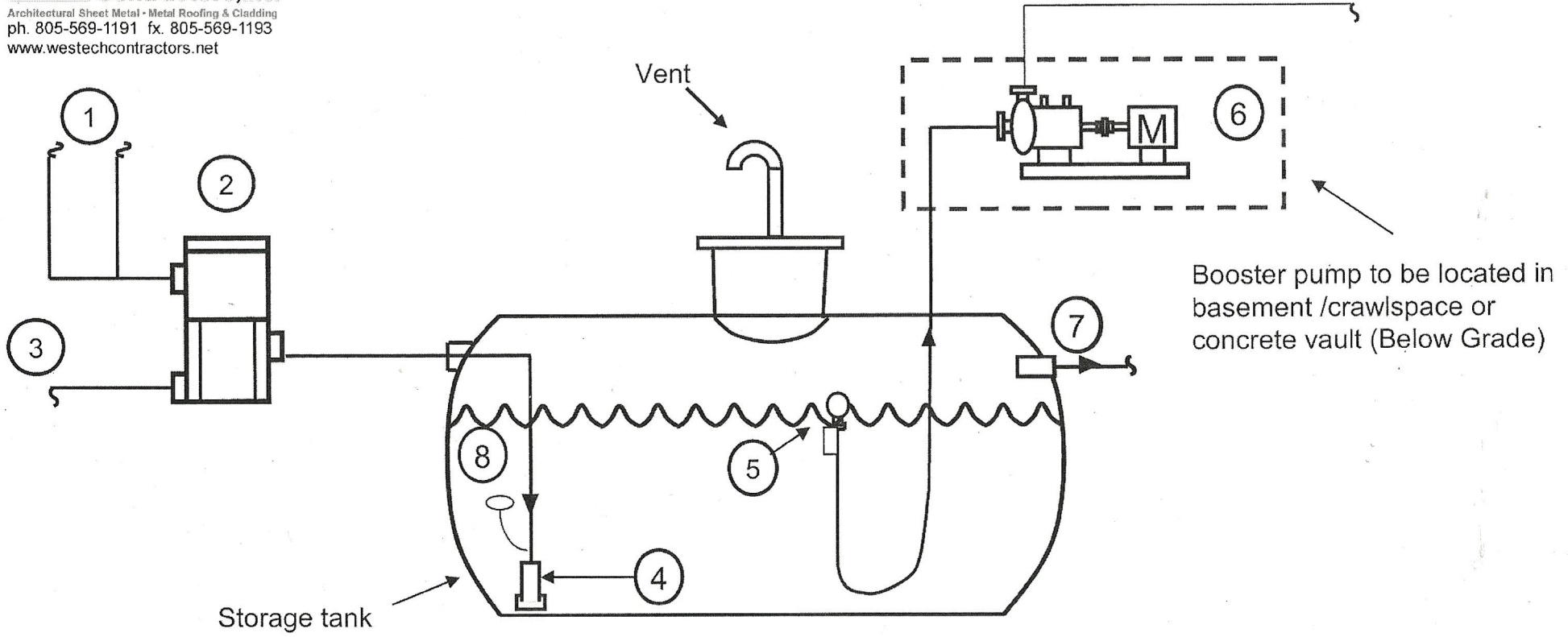


- 1 Rainwater collection point (roof drains, gutters, etc)
- 2 Rainwater enters the vortex filter and is processed.
- 3 Remaining water from vortex filter to overflow
- 4 Smoothing inlet – stainless steel “flow-calming” device to eliminate turbulence of the incoming water as it enters the tank
- 5 Floating 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



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

**RAINWATER HARVESTING SYSTEM DETAIL (For Design Only)**

