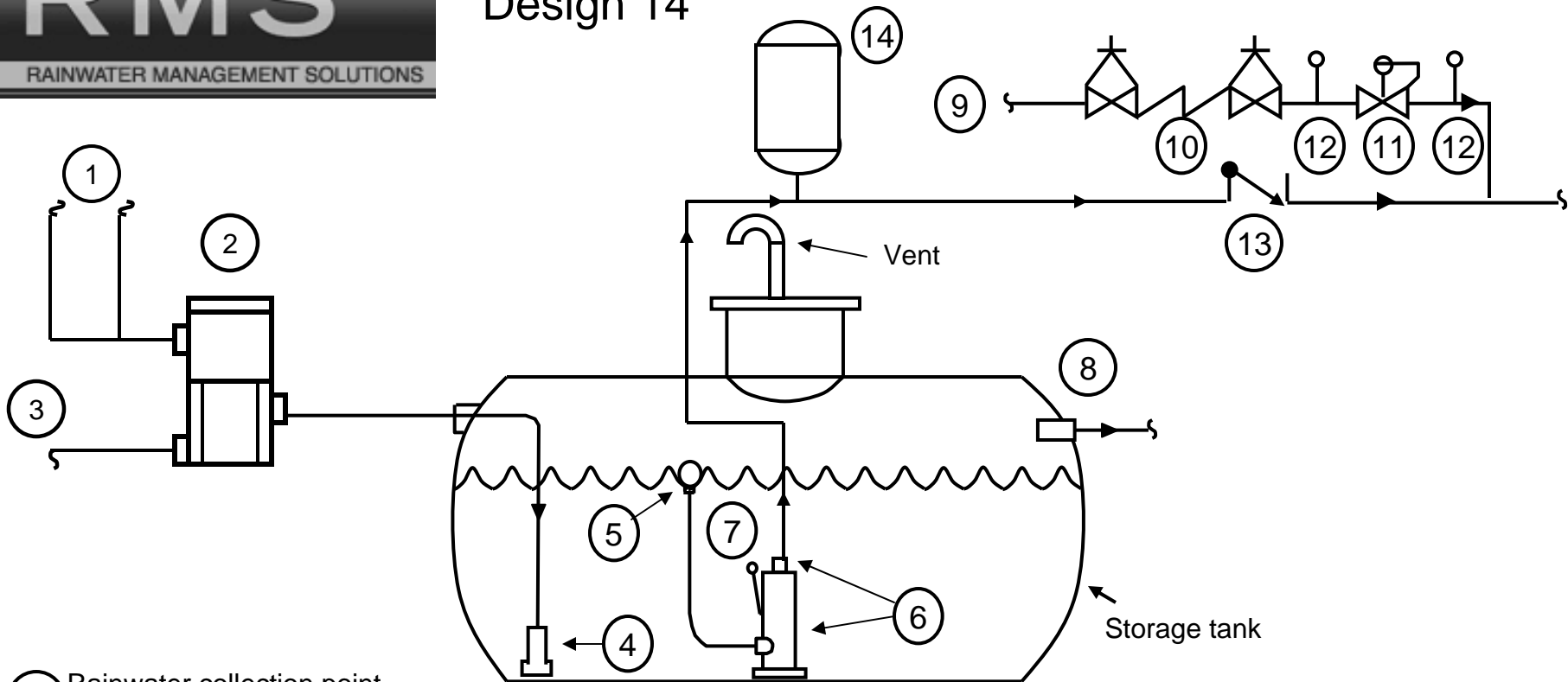


## Design 14

Below ground tank with submersible pump and pressure difference municipal backup with check valve



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

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

④

⑤ Floating stainless steel suction filter

⑥ Submersible feed pump with check valve

⑦ Low water cut off float switch (normally open)

⑧ Overflow/Multisiphon/ Flap Valve

⑨ Domestic water supply

⑩ Backflow prevention device

⑪ Pressure regulator valve set at 30 psi

⑫ Pressure gauge

⑬ Check valve

⑭ Pressure tank and Tank TEE Package

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

Not For Construction

NOT TO SCALE