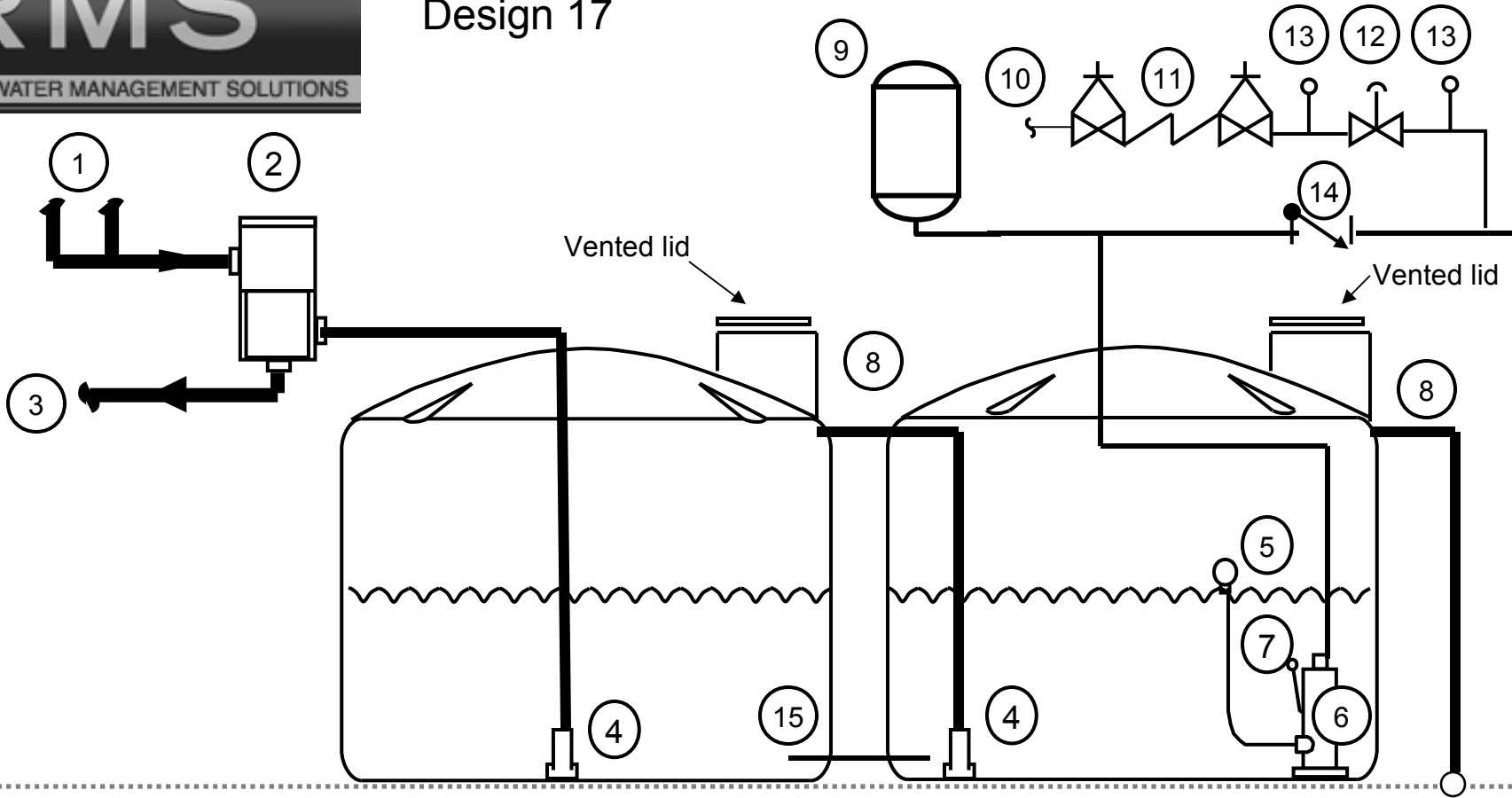


Design 17



- ① Rainwater collection point (roof drains, gutters, etc)
- ② Rainwater enters the Vortex filter and is processed (Possible 90% diverted to storage tank.)
- 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 and suction hose
- ⑥ Submersible feed pump operating at 45 psi
- ⑦ Low water cut off N/O float switch
- ⑧ Overflow
- ⑨ Pressure tank
- ⑩ Domestic water supply
- ⑪ Backflow prevention device
- ⑫ Pressure regulator valve set at 30 psi
- ⑬ Pressure gauge
- ⑭ Check valve
- ⑮ Equalization line

RAINWATER HARVESTING SYSTEM DETAIL (For Design Only)

Not For Construction

NOT TO SCALE