



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

⑥ Submersible feed pump operating at 45 psi

⑦ Low water cut off float switch (normally open)

⑧ Overflow

⑨ Domestic water supply

⑩ Backflow prevention

⑪ Pressure regulator valve set at 30 psi

⑫ Pressure gauge

⑬ Check valve

## RAINWATER HARVESTING SYSTEM DETAIL

NOT TO SCALE