



- 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
- ⑦ Low water cut off float switch (normally open)
- ⑧ Overflow
- ⑨ Domestic water supply
- ⑩ Backflow prevention device
- ⑪ Normally closed float switch secured to inlet pipe, activates #12 and allows domestic water to meet water needs if rainwater supply is exhausted
- ⑫ Normally closed solenoid valve
- ⑬ Pressure tank

RAINWATER HARVESTING SYSTEM DETAIL

NOT TO SCALE