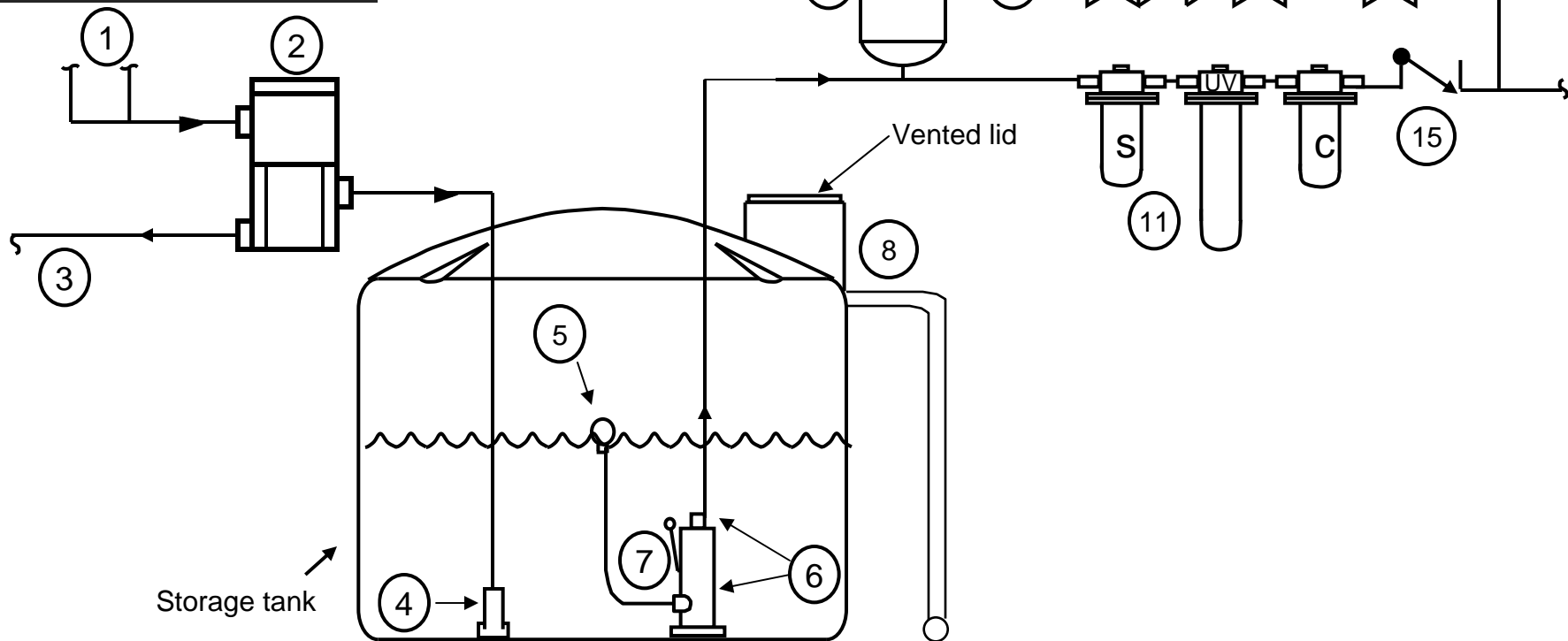


Design 4

Aboveground tank with submersible pump, purification kit and pressure difference back up



- | | | |
|--|---|--|
| ① Rainwater collection point (roof drains, gutters, etc) | ④ Smoothing inlet – stainless steel “flow-calming” device to eliminate turbulence of the incoming water as it enters the tank | ⑨ Pressure tank with Tank TEE Package |
| ② Rainwater enters the vortex filter and is processed. Mounted with wall bracket | ⑤ Floating stainless steel suction filter | ⑩ Domestic water supply |
| ③ Remaining water from vortex filter to overflow | ⑥ Submersible feed pump with check valve | ⑪ Purification kit |
| | ⑦ Low water cut off float switch for pump protection (N/O) | ⑫ Backflow prevention device |
| | ⑧ Overflow | ⑬ Pressure regulator valve set at 30 psi |
| | | ⑭ Pressure gauge |
| | | ⑮ Check valve |

RAINWATER HARVESTING SYSTEM DETAIL (For Design Only)

Not For Construction

NOT TO SCALE