

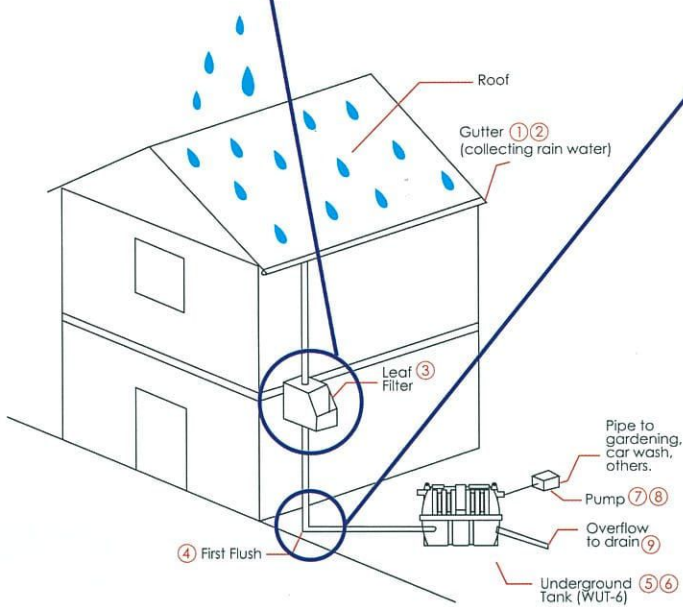
Leaf Filter System (LFS-3)



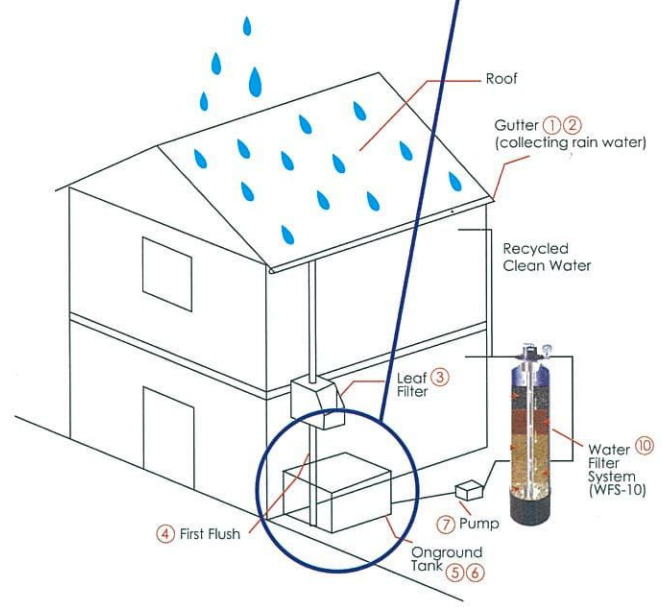
First Flush System (FFS-4)



Water Storage Tank (WST-5)



Underground



Onground

ACTUAL PROJECT PICTURE

HOW DOES IT WORK?

1. Rainwater flows from rooftop to gutter.
2. Accumulated water from gutter will flow through down a customized piping.
3. The leaves and other unwated objects will be separated from the water by a leaf separator. **(LFS-3)**
4. First flush piping allow dirty water to flush out. **(FFS-4)**
5. The rainwater will then be stored in an underground / onground tank. **(WST-5)**
6. The water in the tank is ready to use. **(WUT-6)**
7. During usage, the water pump will extract the water from the tank and supply it to the water outlet.
8. The water outlet links to pipe for gardening, car wash and etc.
9. Excessive water will be flown out to the drain through a overflow pipe.
10. Filtering rain water to clean water for toilet purpose. **(WSF-10)**