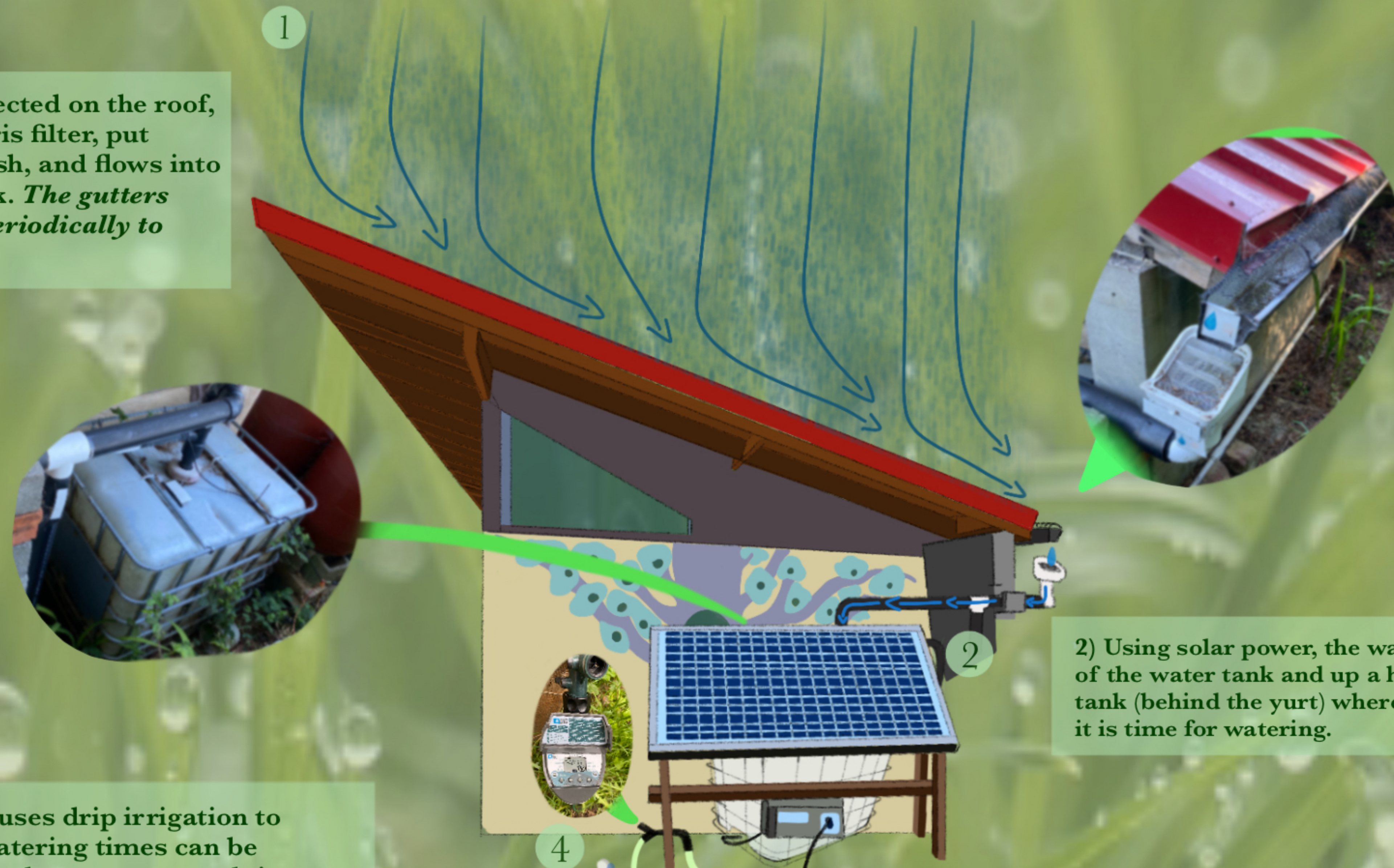


# Food Forest Solar Drip Irrigation



1) Rainwater is collected on the roof, funneled into a debris filter, put through the first flush, and flows into the lower water tank. *The gutters should be cleared periodically to avoid clogging.*

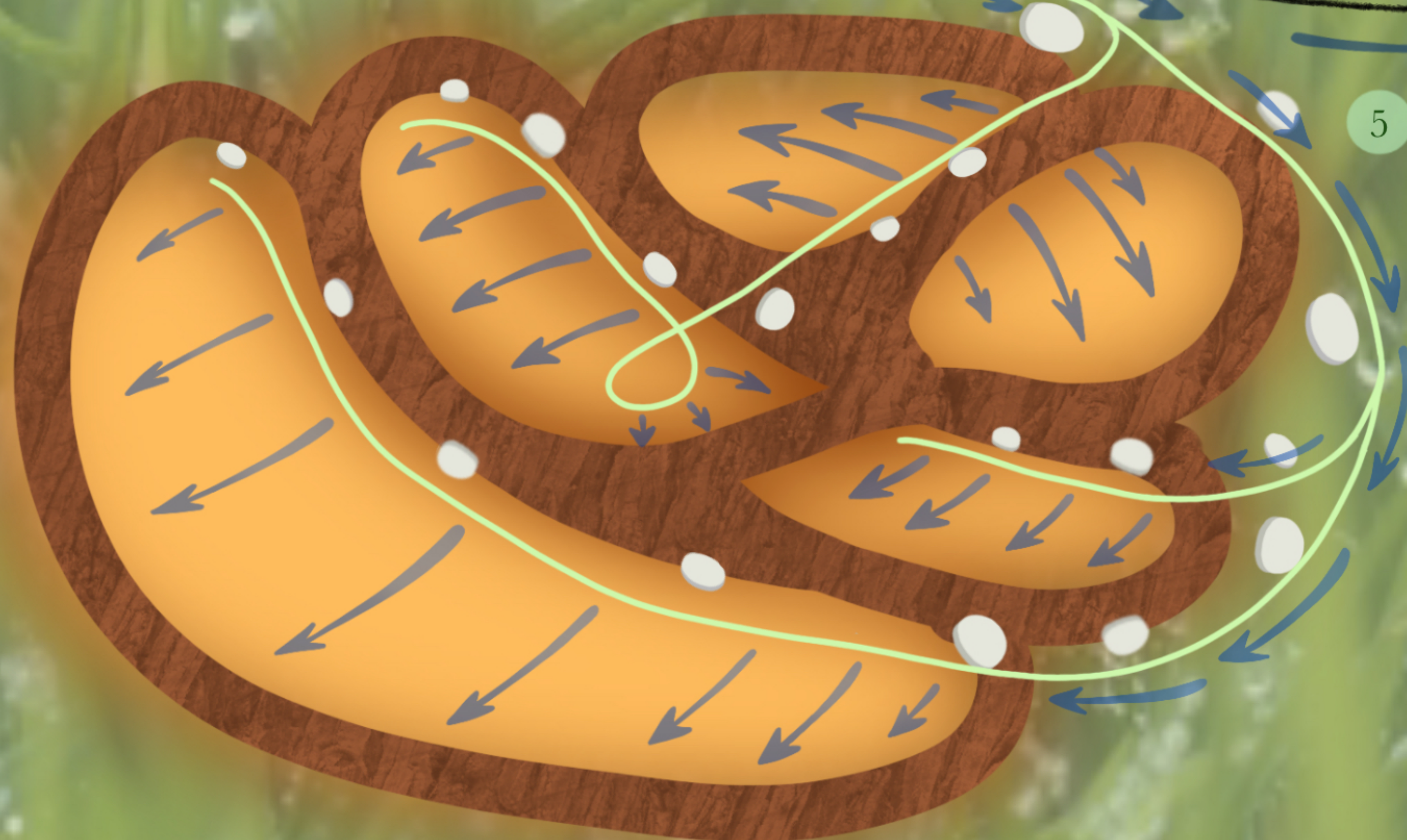


3) Using gravity, the water is carried through pipes and down into the food forest. Attached to the top tank is a **valve** that can be closed and opened to release the stored water to the food forest. The valve is left open when the system is being operated with the automatic timer.



2) Using solar power, the water is pumped out of the water tank and up a hill into another tank (behind the yurt) where it is stored until it is time for watering.

4) The food forest uses drip irrigation to conserve water. Watering times can be scheduled using the battery-powered timer; *the battery in the automatic timer needs to be changed annually.*



5) The irrigation path is marked with white rocks. Please **DO NOT** dig along the paths as this may lead to accidentally cutting the buried irrigation pipes.

SCAN ME



Illustrated by  
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