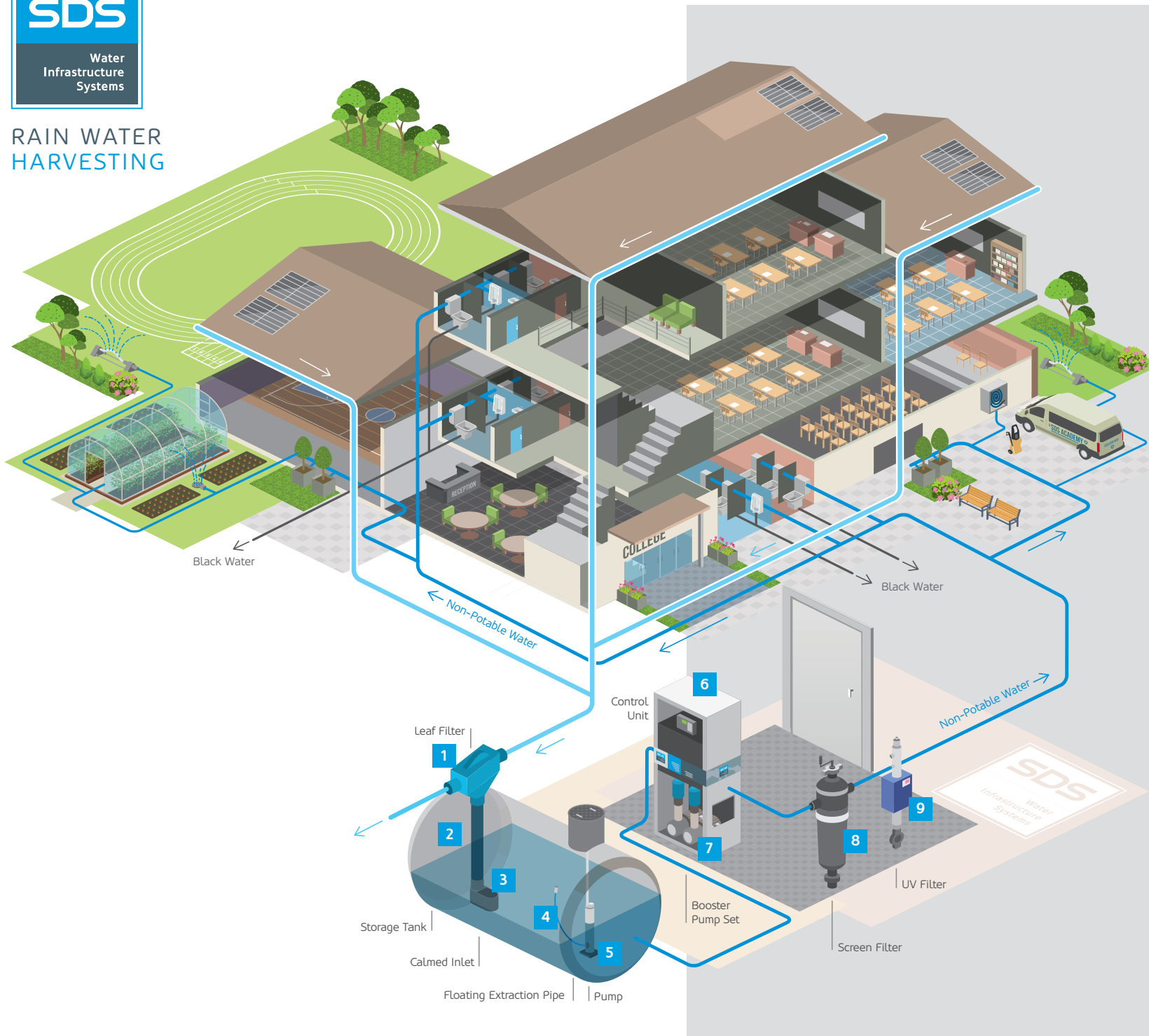


RAIN WATER HARVESTING



SDS RWH SYSTEM PASSIVE

- 1 LEAF FILTER** - Removes leaves and other large pieces of debris from the rainwater being collected.
- 2 STORAGE TANK** - Captured water is stored in a tank, either under- or above- ground, sized in accordance with latest standards.
- 3 CALMED INLET** - Prevents mobilisation by incoming rainwater of any silt deposits at the base of the tank.
- 4 FLOATING EXTRACTION PIPE** - Connects with the pump to collect the cleanest water from just below the surface.
- 5 TRANSFER PUMP** - In underground, non-gravity fed, systems a pump delivers the water for processing.
- 6 CONTROL UNIT** - Provides HMI dashboard and overall control and monitoring of system operation.
- 7 BOOSTER PUMP** - Twin duty / standby pumps typically specified for maximum demand and usually variable speed to meet different demand situations.
- 8 SCREEN FILTER** - Sediment filters ensure all larger particles are removed from the water before it enters the UV filtration unit.
- 9 UV FILTER** - UV rays kill any microorganisms that may be in the water.