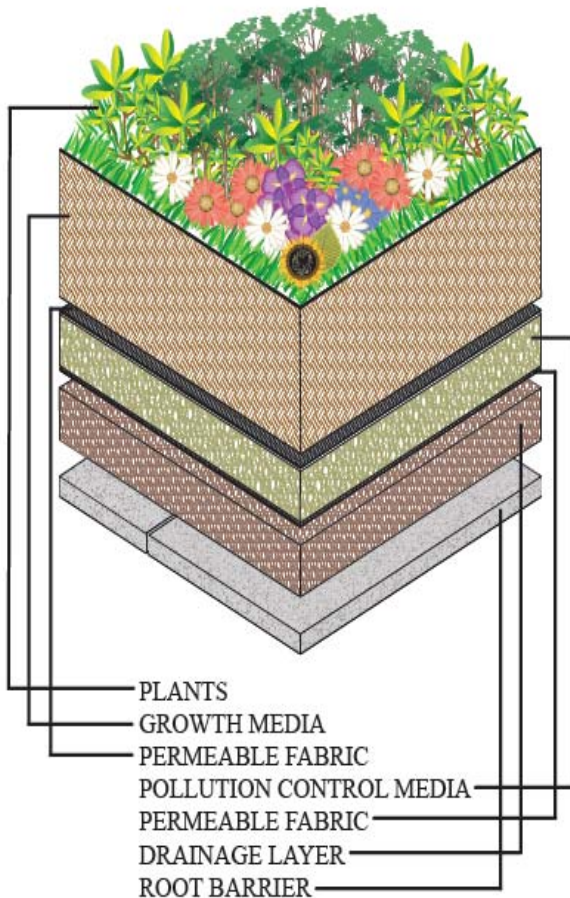




What is a Green Roof?

Green Roofs

A green roof is a vegetated roof. A green roof stormwater treatment system is a vegetated roof with a cistern, and is used for pollution control, volume reduction, and peak flow reduction. The green roof has plants, a selected growth media and pollution-control media (Black and Gold Green Roof Media™). Water which falls on a green roof filters through the media to the roof drainage system. The filtrate from the green roof discharges to a cistern or water storage pond that stores water. The water from the cistern is either discharged to the bioswale or is used to irrigate the green roof. FSGE has five green roofs and is the first to use KBI Flexi™-Pave's unique drainage system as part of a green roof bed. Green roofs make financial and sustainable sense for everyone.



- Reduce Stormwater runoff
- Roof will treat it's own runoff not allowing it to transport the nutrients into our waterways
- Increase land area available for building
- Insulate buildings leading to lower energy use (can reduce monthly bills by up to 25%)
- Clean the air, reduce global warming, control local climate
- Irrigated with recycled green roof filtrate water
- Can last 50 to 100 years opposed to a 15yr roof
- Plant Palette, plant absorption of CO2, with spatial and aesthetic benefits