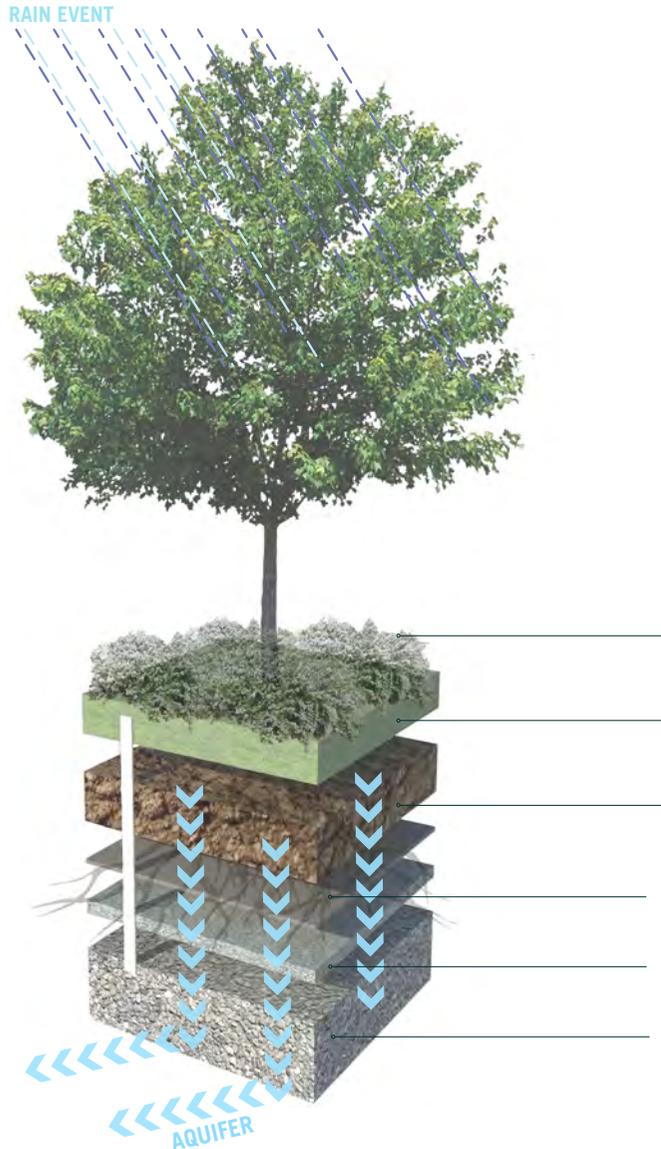


ECO-STREET

SELF-MITIGATING STREETScape SECTION



[Bio-Retention Infiltration System]

Bio-retention areas function as a soil and plant based stormwater runoff filtration device/process that remove sedimentation and contaminants through a variety of physical and chemical treatment processes. This process includes the capture or routing, collection of water and the infiltration of water back into the groundwater system. Filtration will include plant material, a treatment soil profile, geotextile fabric, pea gravel layer, and gravel infiltration facility. Overflow stacks will provide relief to the system should excessive amounts of stormwater pass through basins.

REGIONALLY-ADAPTIVE PLANTS

Natives and adapted species reduce maintenance & water needs and create habitat.

OVERFLOW STACK (24")

Provides relief to the system should excessive amounts of stormwater pass.

BIO-RETENTION SOIL (24")

Soil mix used in bio-retention systems for determining flow control and water quality treatment performance.

FILTER FABRIC (2")

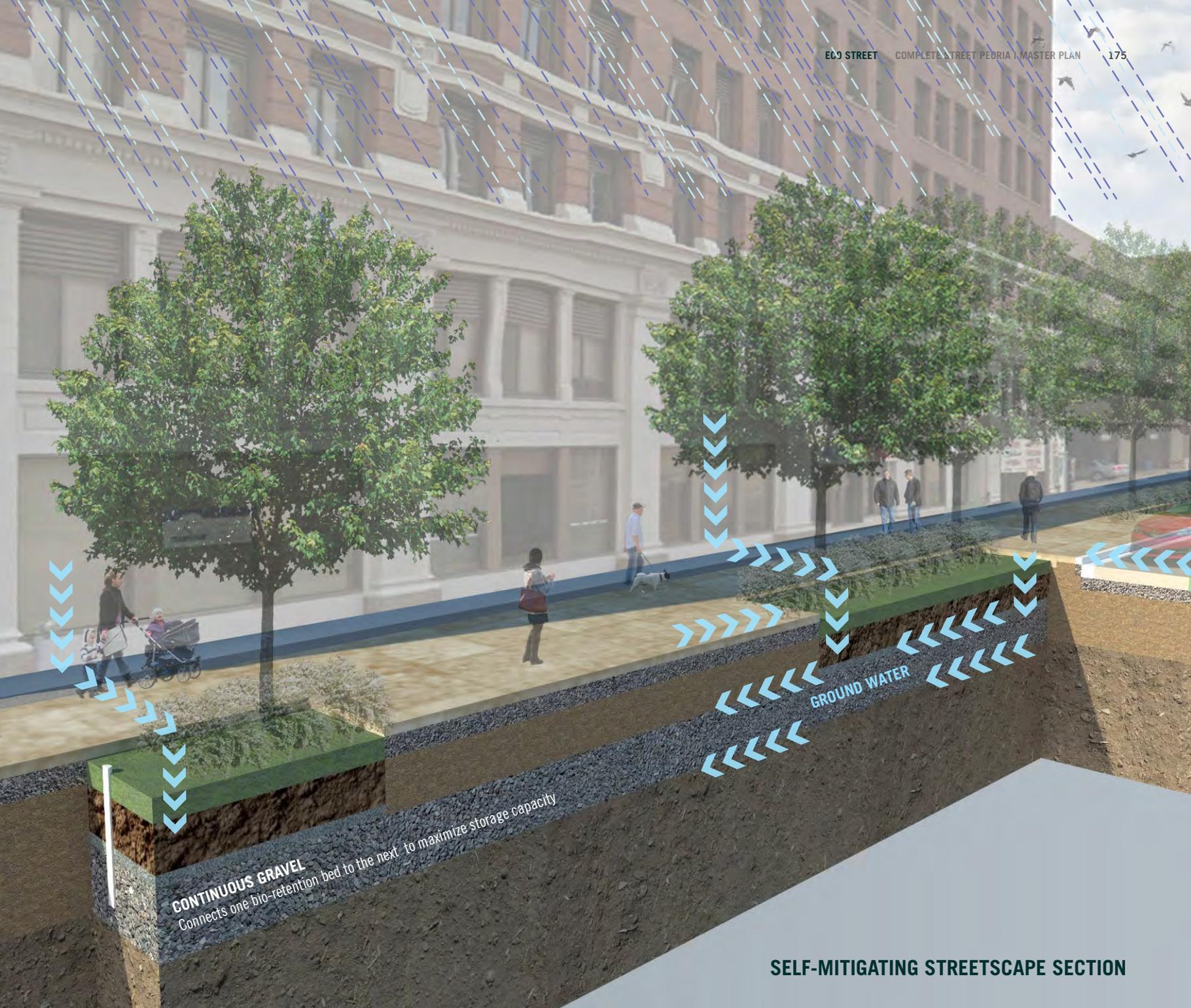
Filters and treats runoff

PEA GRAVEL (6")

Filters and treats runoff

GRAVEL (30")

Functions as a second filter and treatment to the runoff



CONTINUOUS GRAVEL
Connects one bio-retention bed to the next, to maximize storage capacity

GROUND WATER

SELF-MITIGATING STREETScape SECTION