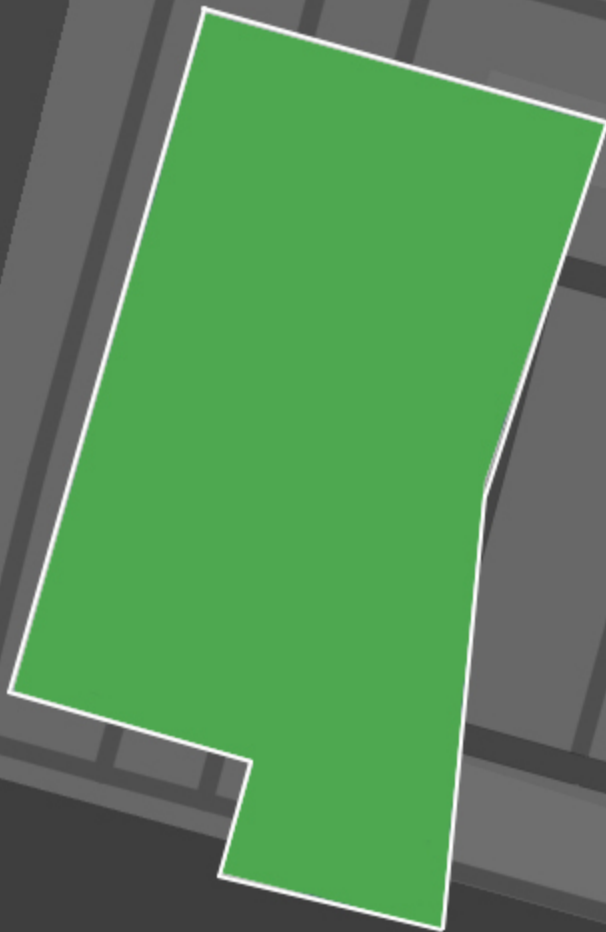
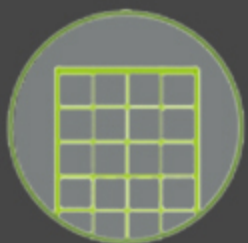


# Sustainability at Building 5



## Green Roofs

While providing aesthetic appeal, green roofs at Building 5 reduce heat from the air and reduce temperatures of the surrounding roof surfaces, translating to lower energy costs.



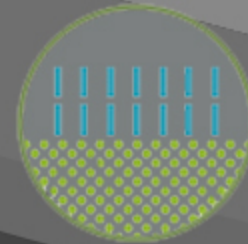
## High Performance Rain Screen and Curtainwall Facade

The exterior envelope of Building 5 was designed to not only protect from natural elements but as a comprehensive system that protects against heat loss and heat gain.



## Electrical Vehicle (EV) Charging Stations

As a part of the LEED Gold Initiative, electric vehicle stations were installed in the Spring of 2022.



## Permeable Concrete Pavers

Permeable concrete pavers are placed along the North and West elevations of Building 5 to serve as walking/driving paths as well providing a means to control rainwater.



## Underground Detention System

The underground water detention system collects rainwater and controls its discharge helping to maintain groundwater levels and manage outflow.



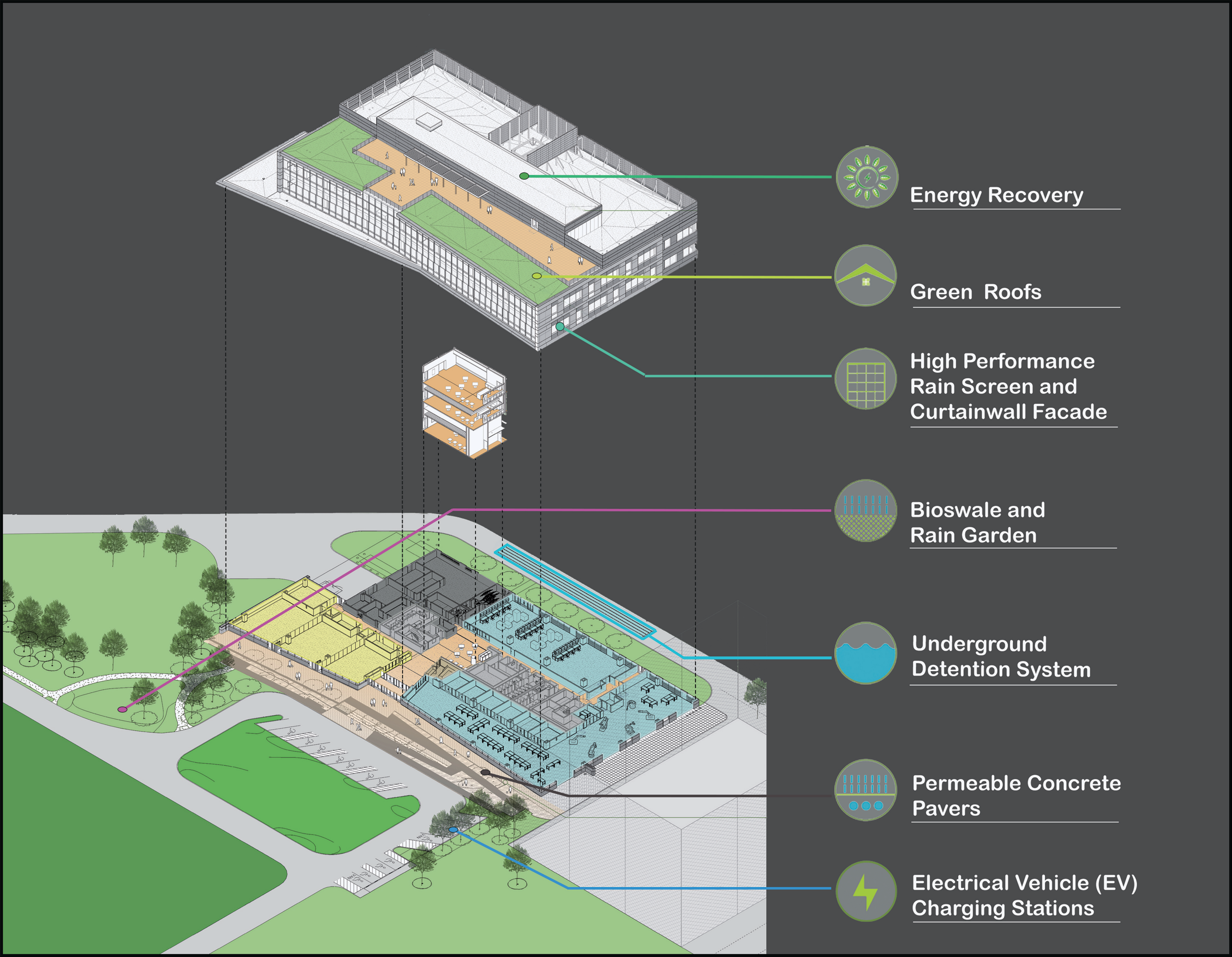
## Bioswale and Rain Garden

Bioswale and Rain Garden features were designed to collect rainwater and to prevent potential soil erosion. Drought-resistant plantings and grasses were installed throughout the surrounding landscape.



## Energy Recovery

The energy recovery system allows for 20.5% energy savings in Building 5 and improves the resiliency level of the electrical grid. It also helps to maintain a comfortable relative humidity in the indoor environment by transferring the moisture from humid outdoor air to the exhaust airstream or adding moisture to the incoming ventilation air.



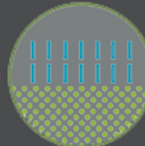
Energy Recovery



Green Roofs



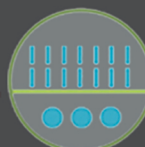
High Performance  
Rain Screen and  
Curtainwall Facade



Bioswale and  
Rain Garden



Underground  
Detention System



Permeable Concrete  
Pavers



Electrical Vehicle (EV)  
Charging Stations