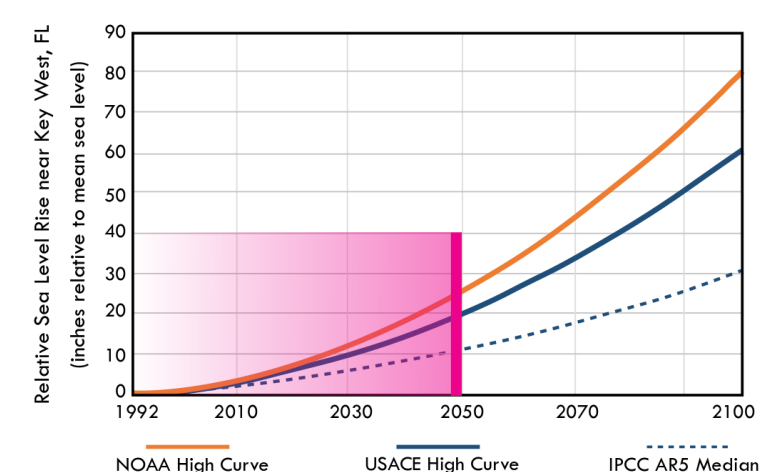


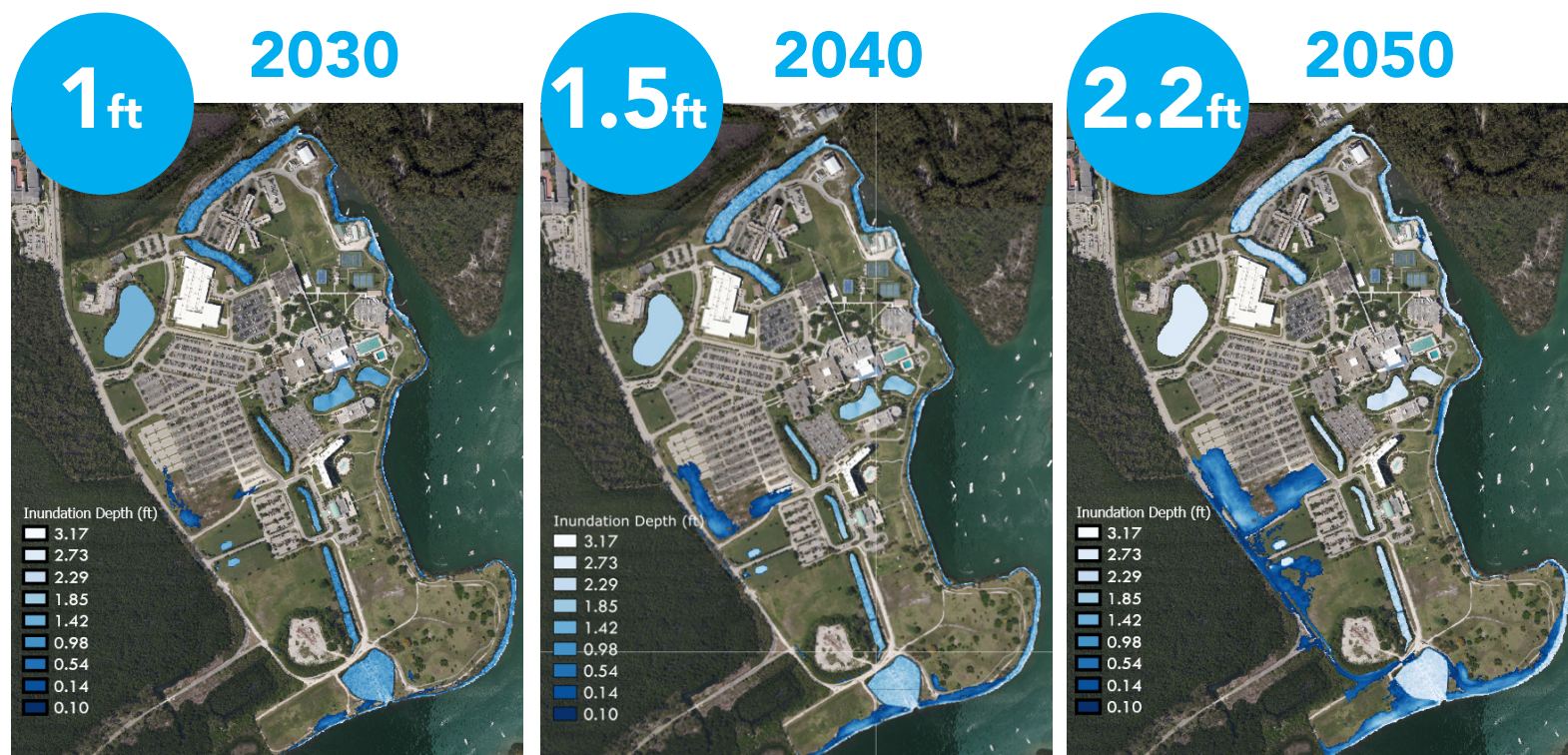
### INVENTORY & ANALYSIS

SEA LEVEL IS PREDICTED TO RISE

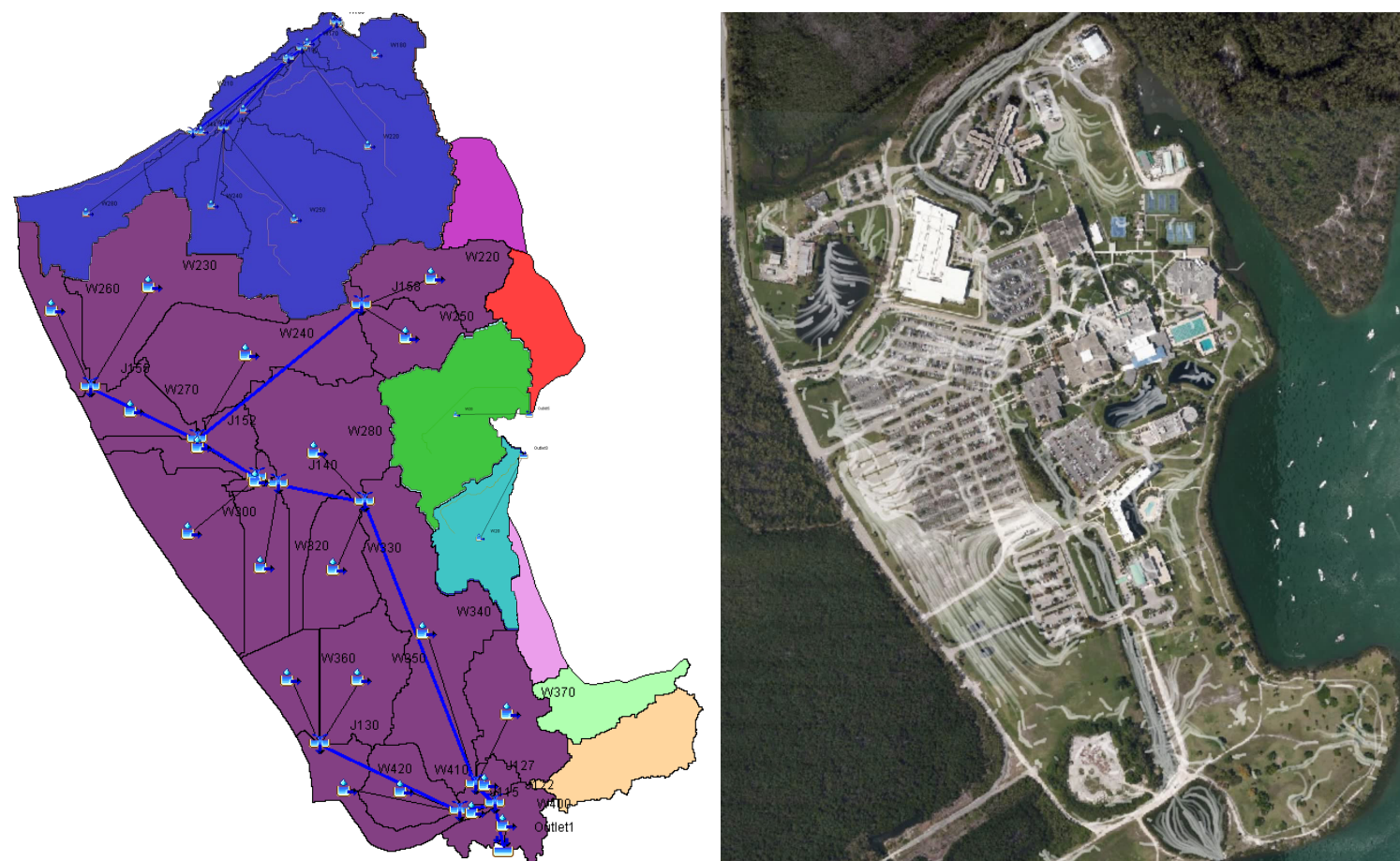
**2.2 FEET**  
BY 2050



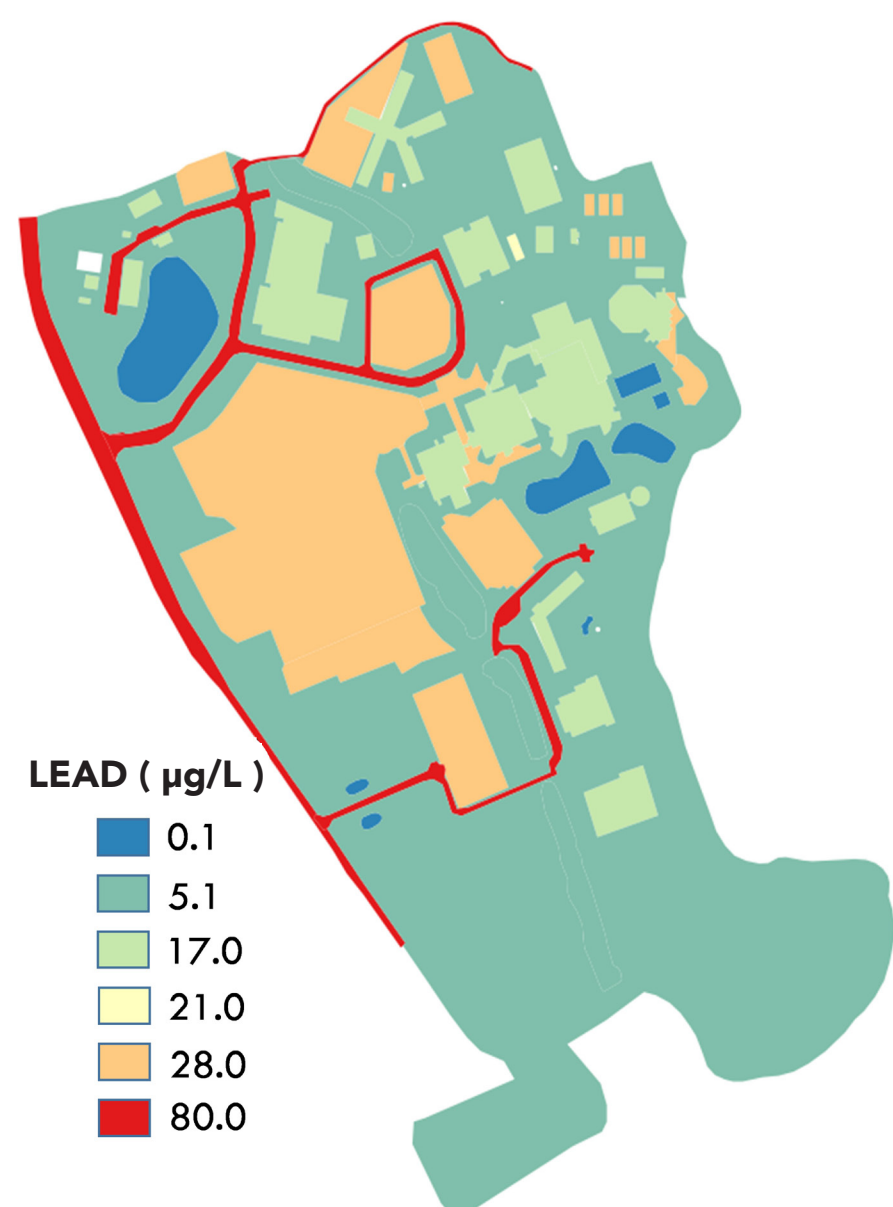
SITE SPECIFIC SEA LEVEL RISE PREDICTIONS (NOAA)



HYDROLOGIC AND HYDRAULIC ANALYSIS FOR CAMPUS FLOODING  
HEC - HMS      HEC - RAS



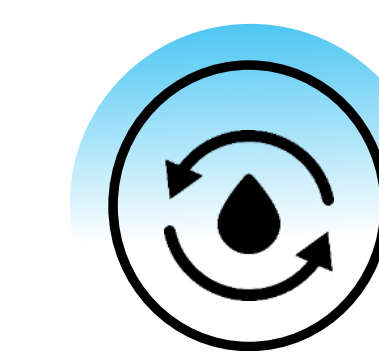
SPATIAL DISTRIBUTION OF LEAD (µg/L)



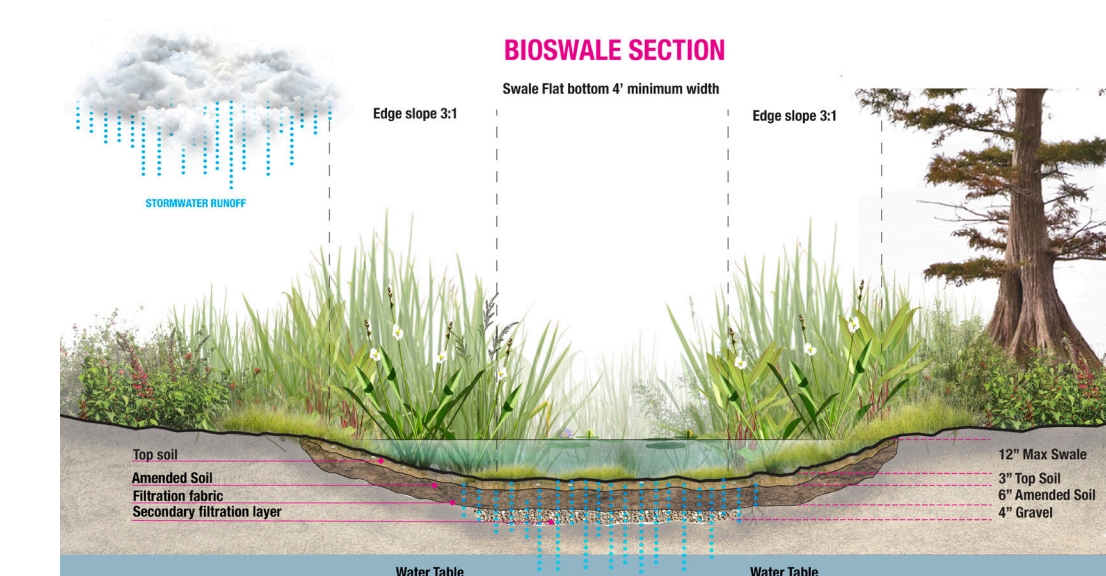
FLOOD MITIGATION



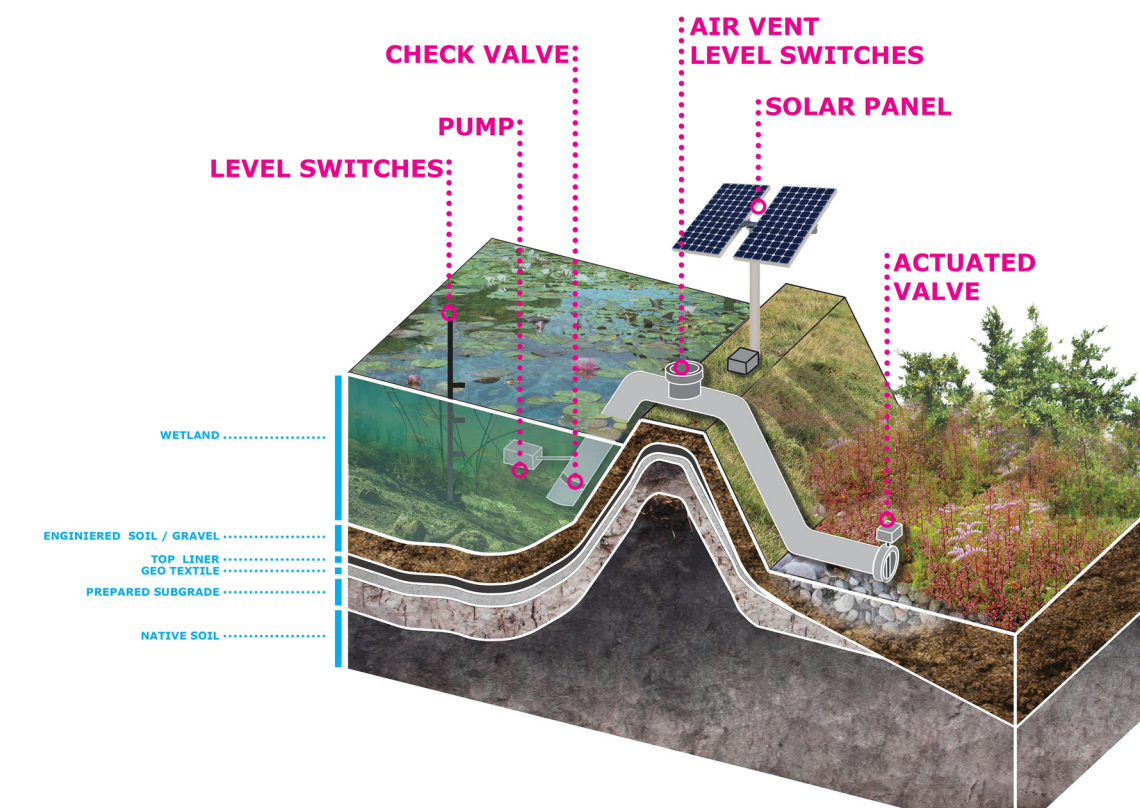
POLLUTANT REDUCTION



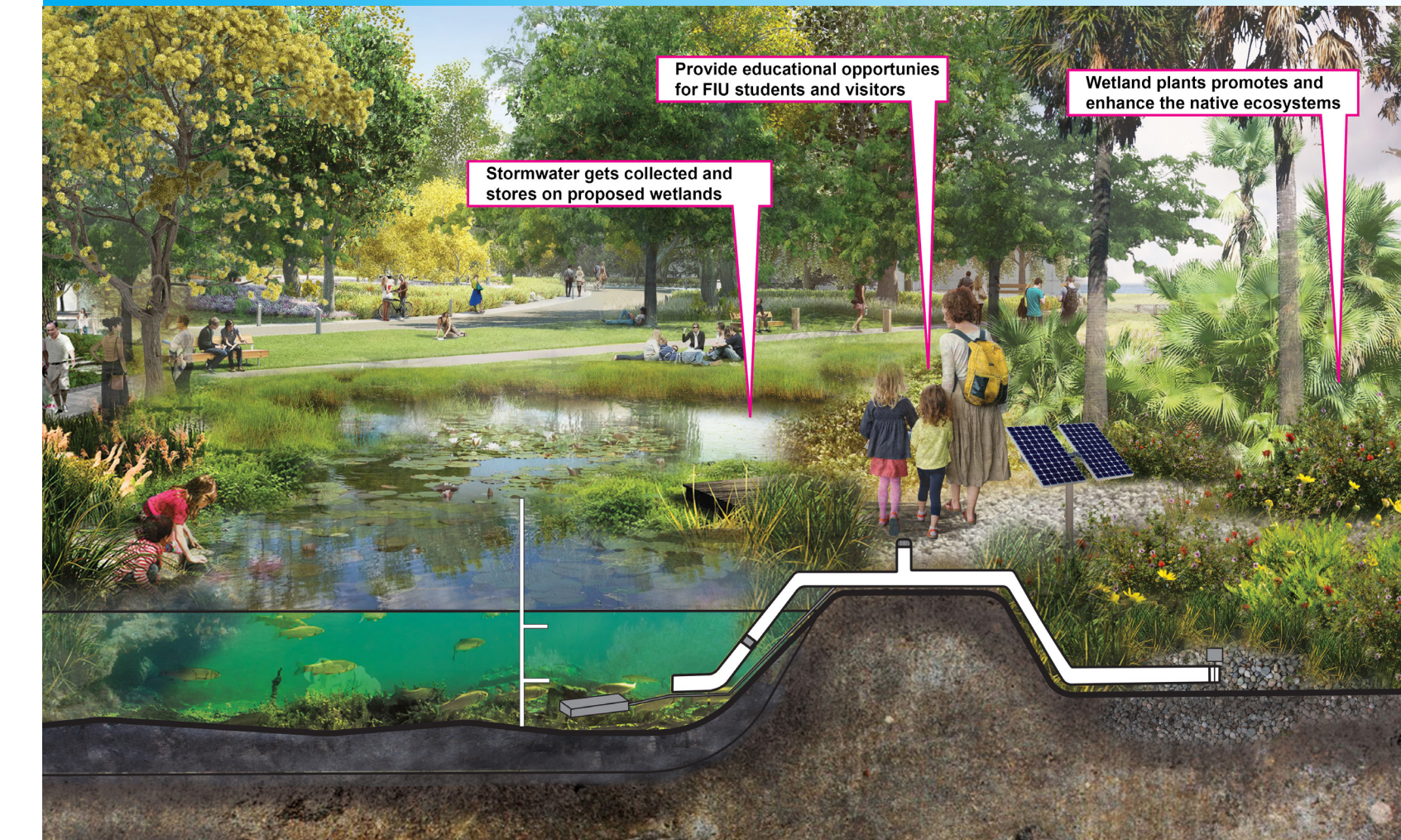
RAIN WATER REUSE



**ELIMINATE 25 YEAR FLOOD FOR PROJECTED 2050 SEA LEVEL RISE**



WETLAND WITH AUTOMATED SIPHON SYSTEM



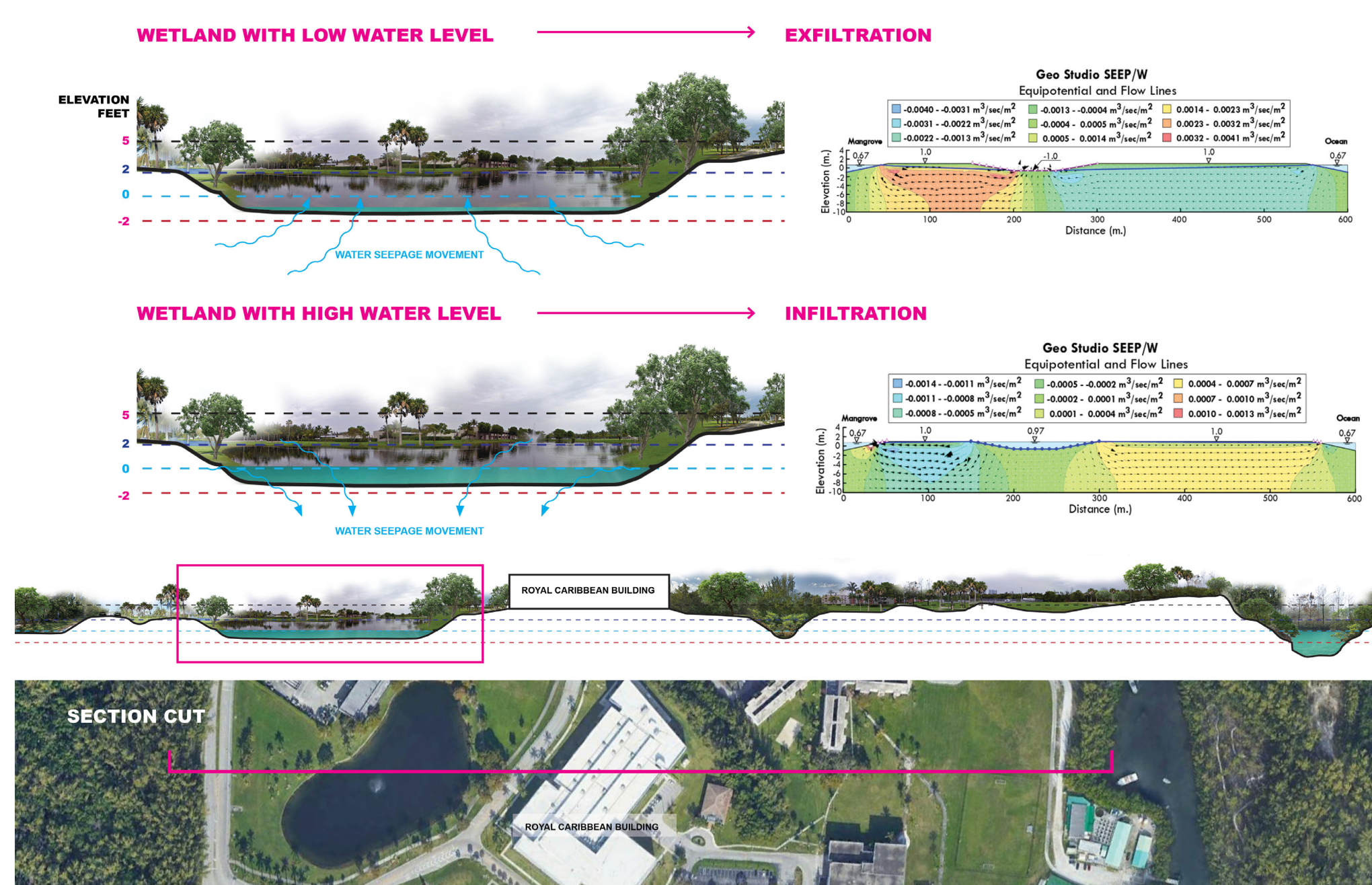
PROPOSED GREEN INFRASTRUCTURE CAN REDUCE TOTAL SUSPENDED SOLIDS BY

**GREEN ROOF**      **PARKING GARDEN**

**84%**

- 84% Increases TSS Removal
- 66% Increases Metal Removal
- 60% Increases CO<sub>2</sub> Sequestration

Other benefits shown: PRODUCE FOOD, SUPPORT URBAN WILDLIFE, REDUCE BUILDINGS' ENERGY USE, CLEAN AIR, REDUCE STORMWATER RUNOFF, Wetland plants promote and enhance the native ecosystems, Polluted storm water runoff gets collected and treated on Parking Gardens Wetlands, Wetland Plants filters and Transpire water while enhancing the streetscape, Water cleansing / filtration.



**9.2 Million GALLONS OF WATER**  
WILL BE CAPTURED FROM 13 PROPOSED GREEN ROOFS



PARKING GARAGE WITH VEGETATED FACADE AND RAIN WATER TANKS

