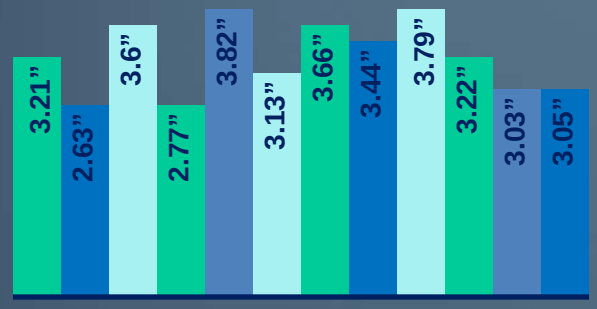
How much rain falls in the study area?

Rainfall average



Monthly Precipitation Rates in Washington, DC = 39.5" Rain Annually

92.4 million gallons annually in study area

SW Ecodistrict goal

Retain/Reuse the rainfall from a 95th percentile rain event (1.7")

Energy Today

Where does the energy come from?

Coal generated electricity

Natural Gas

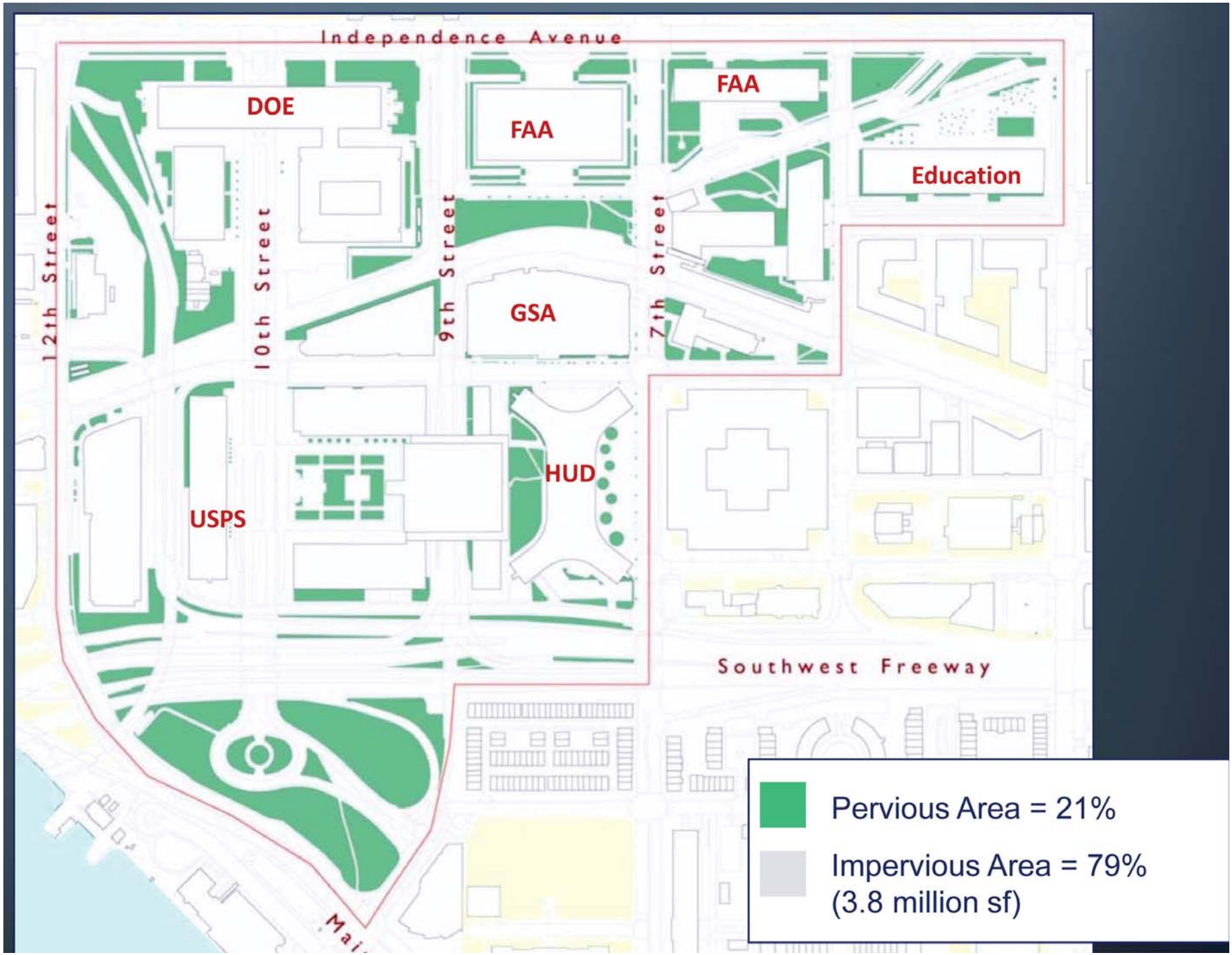
Cogeneration Plant
(burns natural gas)

Renewable Energy

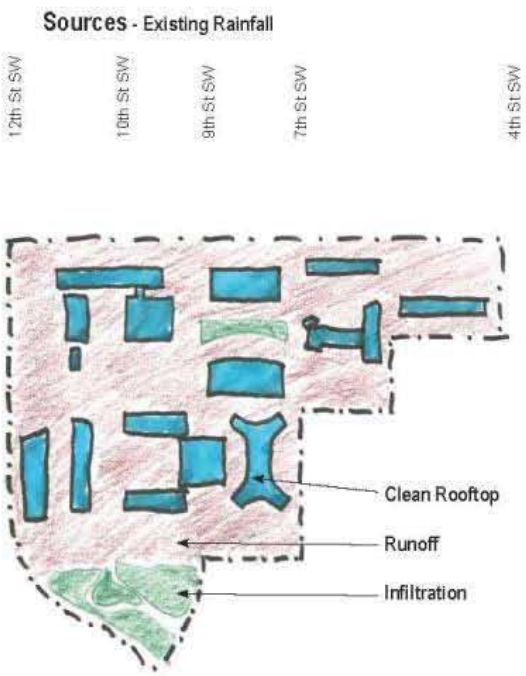
SW Ecodistrict Goal

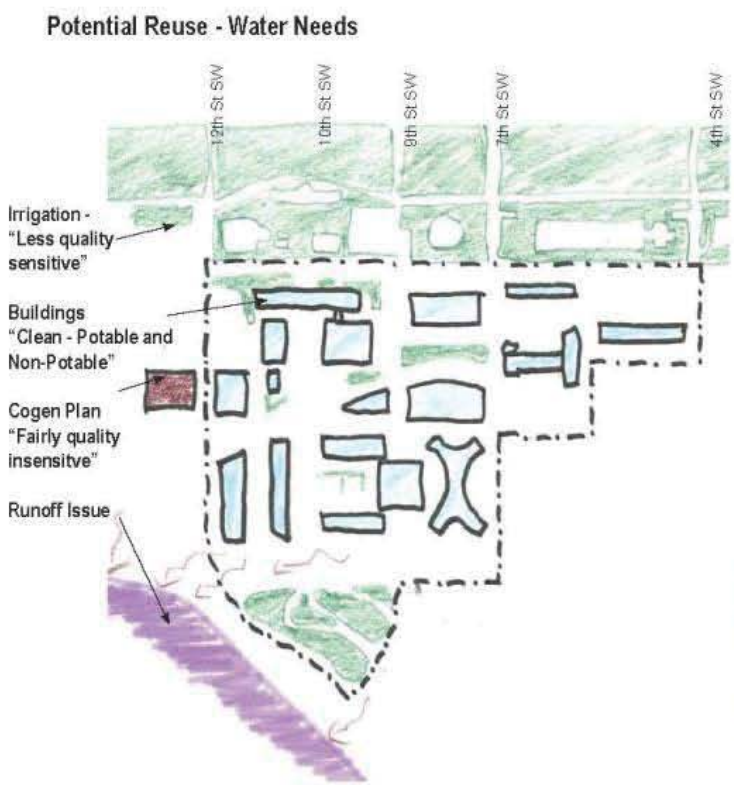
Strive for a zero net energy district (the energy the district needs is produced from renewable resources within or close to the district)

Impervious Surfaces : The diagram below identifies the existing impervious surfaces within the study area.

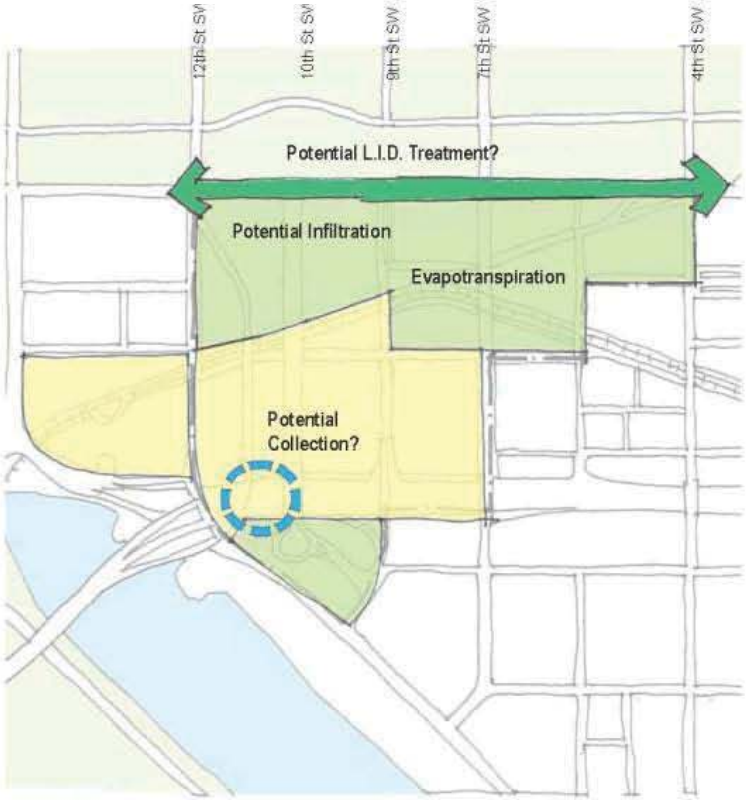


Water Capture and Reuse





Green areas are impervious and allow for potential infiltration of water. The yellow areas are decked and require collection and conveyance of water to infiltration areas or a waste water system.



SOUTHWEST Ecodistrict