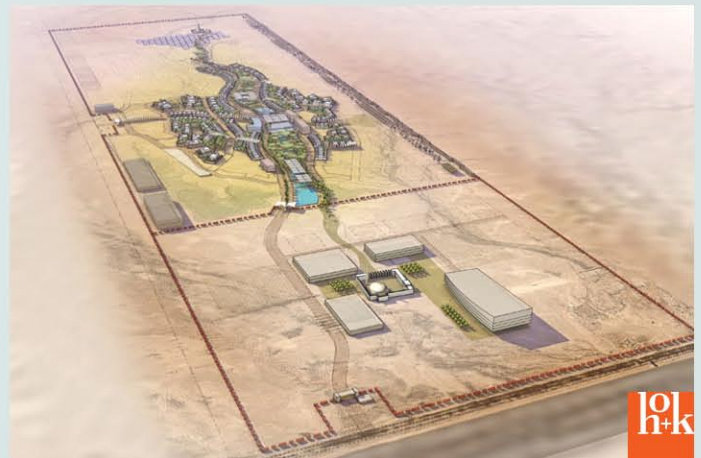


wastewater infrastructure planning



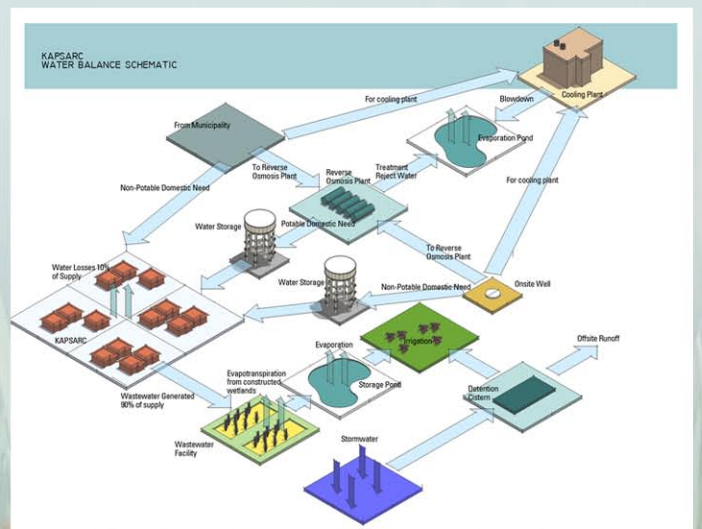
site masterplan, perspective - image courtesy of HOK



landscape and open space planning - image courtesy of HOK

King Abdullah Petroleum Studies and Research Center (KAPSARC) is located in Riyadh, Saudi Arabia's capital and largest city. Riyadh, located in the center of the Arabian Peninsula on a large plateau, has experienced very high rates of population growth, from 150,000 inhabitants in the 1960s to approximately 5 million people today. The project is located on 200 hectares between the outskirts of Riyadh and King Khalid International Airport (KKIA), just north of the proposed Princess Nora Bint Adulrahman University. The project is divided into two zones: 1) Competition Zone and 2) a mixed use, but primarily residential development. The Competition Zone will house the energy and environmental research complex.

Saudi Aramco has contracted the services of HOK to develop the Master Plan for KAPSARC. NSI has been retained by HOK to assist in the development of the projects integrated water systems including: water supply, stormwater, wastewater, and water reuse systems. The senior engineering staff at NSI worked closely with the HOK team to provide the best possible solutions for sustainable water infrastructure.



water balance schematic - graphic visualization of data