#SOLARSABKHA

"The environment is a precious part of our heritage, culture, and future. Our forefathers recognized the need to conserve it, to take from it only what they needed to live, and to preserve it for succeeding generations."

- H.H. Sheikh Zayed

SABKHA

DUNES

OASIS

SUSTAINABLE MODERN CITY

The geological history of UAE has evidences that the coastal areas of the country are particularly characterized by the presence of "sabkha".

Sabkha is an Arabic word for flat, salt crusted desert. They typically lie between a desert and an ocean, whose concave surface is characterized by efflorescences of salt and gypsum, as well as windblown sediments and often tidal deposits.

NATURAL ENVIRONMENT

SUSTAINABLE FUTURE

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The environment of UAE has always played a crucial role in shaping the country's cultural and economic development. It is to this reason that the design philosophy that lies behind #SOLARSABKHA takes root from the concept of environment - from its historical and natural form being transitioned to its built modern and sustainable structures.

The transition from the natural to the built environment of UAE is depicted in the architectural structures and landscape design of #SOLARSABKHA Park. The natural environment of UAE, which is comprised of sabkha, arid desert, and oasis, is reinterpreted thru the forms and design of paving slabs and landscape elements (sabkha), introduction of xeriscape planting (desert), and proposal of kinetic energy-induced water features (oasis). The built environment embodied by the country's sustainable skyscrapers, towers, and modern buildings is represented by the contemporary #SOLARSABKHA shade structures depicting Arabic patterns.