The Sonoran Desert is Hot
Central "canyon" courtyard
exterior circulation
interaction space
shade elements
planted on each level
tempered by reclaimed condensate
conditioned space is reduced approx. 30%
Thermal mass

The Sonoran Desert is Sunny
Minimal openings on East and West
Plenty of daylight on North
Natural Lighting to interior via courtyard
Shaded and filtered light on South facade
Mashrabiya

The Sonoran Desert is Dry
Efficient & low flow fixtures
Harvested storm water which also serves as design element
Landscape beds irrigated by stored rainwater run off
Reclaimed HVAC condensate

Develop facilities with least possible impact on the environment. Create a built environment that fosters positive behavior change.