

DESIGN APPROACH

With an attempt to explore and amalgamate a relationship between local technology and energy efficient techniques, evolved the design of OIL HOUSE, Jodhpur Building. It is a portrayal of innovative energy efficient techniques, with the use of local and modern materials in right proportions. It also sets an example on how energy efficiency can be enhanced by integrating advances in architecture and locally available technology.

The design is sought to create a building that complements the landscape, blending into the environment, acting as a staging area for the activities in the courtyard.



PROJECT BRIEF

CLIENT	OIL HOUSE
LOCATION	JODHPUR, INDIA
SITE AREA	6,500 SQ.MTS.
COST OF PROJECT	20 CRORE

“Amalgamate a relationship between local technology and energy efficient techniques”

CONCEPT

The OIL house is designed to portray a modern IT enabled, energy efficient and environment friendly state of the art, functional building. The building floor plate and its volumetric composition has been done to maximize daylight. Elevation and sections have been worked out to cut South, East and West sun by overhanging angular projections, pergolas and thick landscape. Narrow floor plate of 12m width is used to maximize daylight and save on artificial lighting.

ELEVATION TREATMENT

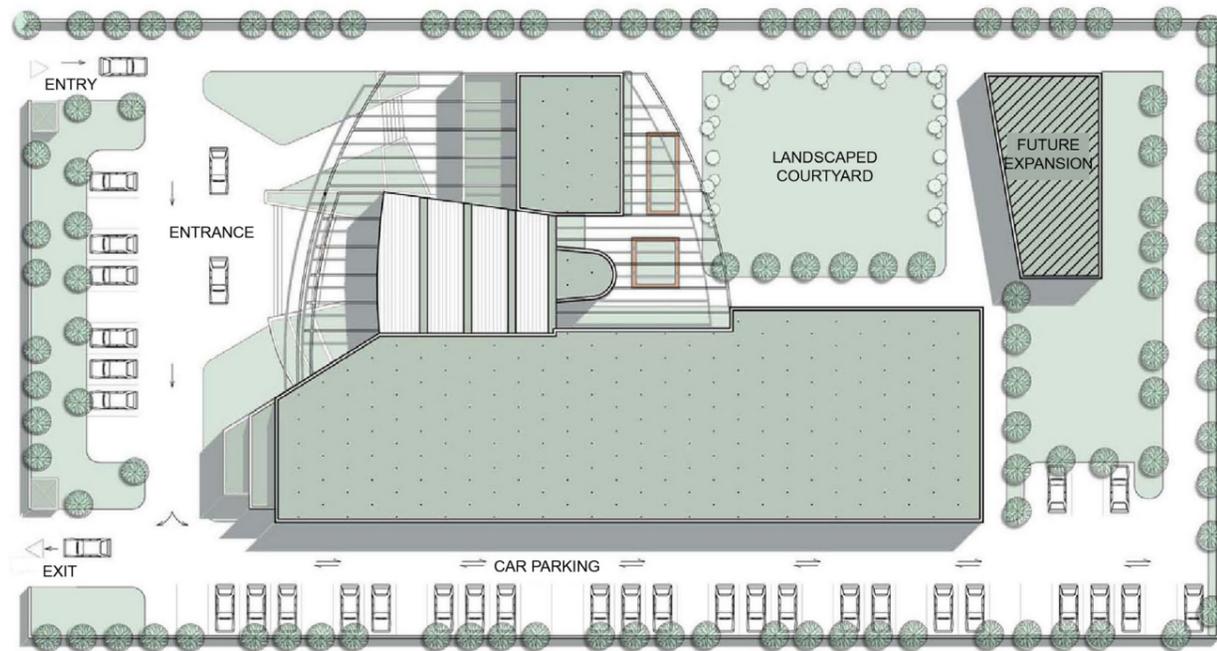
Varying combination of Rajasthani yellow sandstone, chittor brown with occasional expanses of glass make up the primary materials of the façade. The individual windows rhythmic repetition within the wall symbolizes the individuals who work within, while those parts of the façades sheathed in glass curtain walls suggest the collective spaces within the building. Therefore the work areas have been treated with individual rhythm windows.



SUSTAINABLE STRATEGIES

High level of sustainability in nearly every aspect of design, including restoration of the native landscape, passive energy conservation strategies, material selection, onsite storm water detention, and on site waste water treatment and dispersal systems would be achieved. Photovoltaic cells on atrium roof reduce heat gain and provide renewable power.

OIL HOUSE, JODHPUR



MEDIA CONTACT

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