

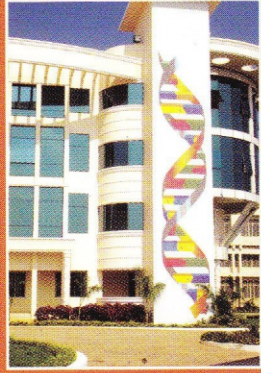


THE JOURNAL OF THE INDIAN INSTITUTE OF ARCHITECTS

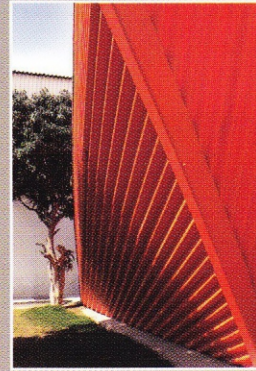
RESIDENTIAL



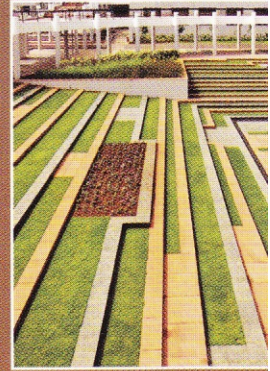
PUBLIC



INTERIORS



INDUSTRIAL



LANDSCAPE

IIA AWARDS '08



VOLUME 74

ISSUE 06

Industrial Category Commendation Award

'EXCELLENCE CENTER & FACTORY BUILDING' FOR BILCARE-RESEARCH



Though it looks like a single building, there are two different buildings connected by the viewing gallery. The entire landscaped area can be seen from the manufacturing unit due to the huge windows which acts as a stress buster to the people working on the shop floor, which also allows natural light in the area, thus reducing the use of artificial light during the daytime.

Glazing is planned on the East and North side of the building, where for the major portion of the day it does not face direct heating and allows natural light in the structure. Energy saving CFLs have been used for lighting in the R&D Center and the Manufacturing Plant. All the Existing Trees are retained on the site. The entire water output of the building goes to the STP, in turn is recirculated and used for irrigation of Landscape, thus we claim it is Environmental Conscious Project.



Ar. Hemant Mahajan

Graduate from B.K.P.S. College of Architecture, Pune, in 1986 and M.E. (T & C P), Pune, in 1988. He is a Member of - IIA, IIID, AESA, FEED and an approved Valuer.

E-mail : info@groupphi.com



Ar. Prashant Shah

Graduate from B.K.P.S. College of Architecture, Pune in 1986. He is a Member of - IIA, IIID, AESA, FEED.



The Dining area is planned in such a way that the entire landscaped area is seen. A modern building has been designed which portrays an image of BILCARE which is a very young and a vibrant company. Taking the advantage of the site slope, Loading & Unloading dock is planned at the rear side of the building. Also parking is planned below half of the building.

The vehicles go to the loading / unloading bay from under the connection bridge between the two buildings, where a height of 4.5 m is achieved. The manufacturing Plant measuring 57m X 21 m is designed to house a 50m long single run Coating Machine. The manufacturing plant has a height of 10m below truss level to accommodate services like A.C. ducting etc. A walkable ceiling has been planned above 6.4 m lvl. whereby all the services and electrical fixtures can be maintained without entering the manufacturing area.

The Link Bridge and the Viewing Gallery is planned in such a way that it gets connected to the old building.

The Bilcare Garden..

The landscape development attempts to strongly connect the built form and the setting together, in a manner to dissolve the distinction between 'garden' and 'building'. The strong connection between these elements is a result of the intense collaborative effort of the Architects & Landscape Architects & Clients.

Certain building elements like the entrance canopy- a metal structure partially covered with glass- connects the scale of the viewer /visitor with the building. From the executive Dining room, a part of the 'skin' of the building apparently 'peels out' to create a sheltered courtyard for the diners, allowing diverse activities inside and outside to co-exist simultaneously.

The interesting land form of the open space is derived from the toning down and adaptation of the existing contour profile. A difference of around 6m from the point to entry to the highest point of the site allow the long site to be visually and physically divided into three 'bays', which are connected by the THOUGHT WAY.

A deep coloured pathway, the THOUGHT WAY originates at the drive way and takes the viewer to a higher elevation offering a wide-spectrum view of the entire site, before coming down to the local level creating an interesting sense of curiosity, concealment and surprise, leading to visual delight. A retaining wall separates the 'meadow' portion of the garden from the planted higher ground which houses the alternative return route for the circuitous pathway.

The THOUGHT WAY passes through a green meadow- the foreground for the building which touches the garden at the dining courtyard and passing through a series of gentle mounds, arrives at the entry point of the CONTEMPLATION PAVILION. The 'pavilion', a subterranean structure, created by a peripheral retaining wall around a square plan, with a roof structure that allows light to gently enter it, and light up the water rippling over the walls. The pristine white floor and roof encourages introspection and contemplation.

The visitor can choose the alternative route back to the entry, over the mound and around the pavilion, which allows a completely different dimension of the garden to be perceived. Strong connections between all elements, existing levels and the built form, have been attempted using land form and an approach of mass planting to accentuate the visual quality of the elements.

A visual axis from the dining courtyard culminates into a 'mission statement' of the company – the thought and the vision that have brought the company so far.

