

morphogenesis.

New Delhi | Bangalore



Puri Constructions | Faridabad



The Adani Group | Ahmedabad



Infosys Ltd. | Nagpur



Mahindra Lifespaces | Gurgaon



RP-Sanjiv Goenka Corporate Office | Kolkata



Delhi Art Gallery | Mumbai



Piramal - Indiareit | Bangalore



The Reliance Group | New Delhi



Aloft | Bangalore



Hindustan Times | New Delhi



Business Park | Dhaka



Punj Lloyd | New Delhi

Selected Projects

Campus for Infosys Ltd, Nagpur
Delhi Art Gallery, Mumbai
Pearl Academy of Fashion, Jaipur
India Glycols Corporate Office, Noida
House 2, New Delhi
GYS Vision, Gurgaon
Chettinad Health City Auditorium, Chennai
Resort in Kerala
Mahindra Lifespaces, Gurgaon
Corporate Office for Apollo Tyres, Gurgaon
Swabhumi Cultural Complex, Kolkata
Delhi Nullahs: A Sustainable Blueprint for the City

In search of the world's most sustainable office building:

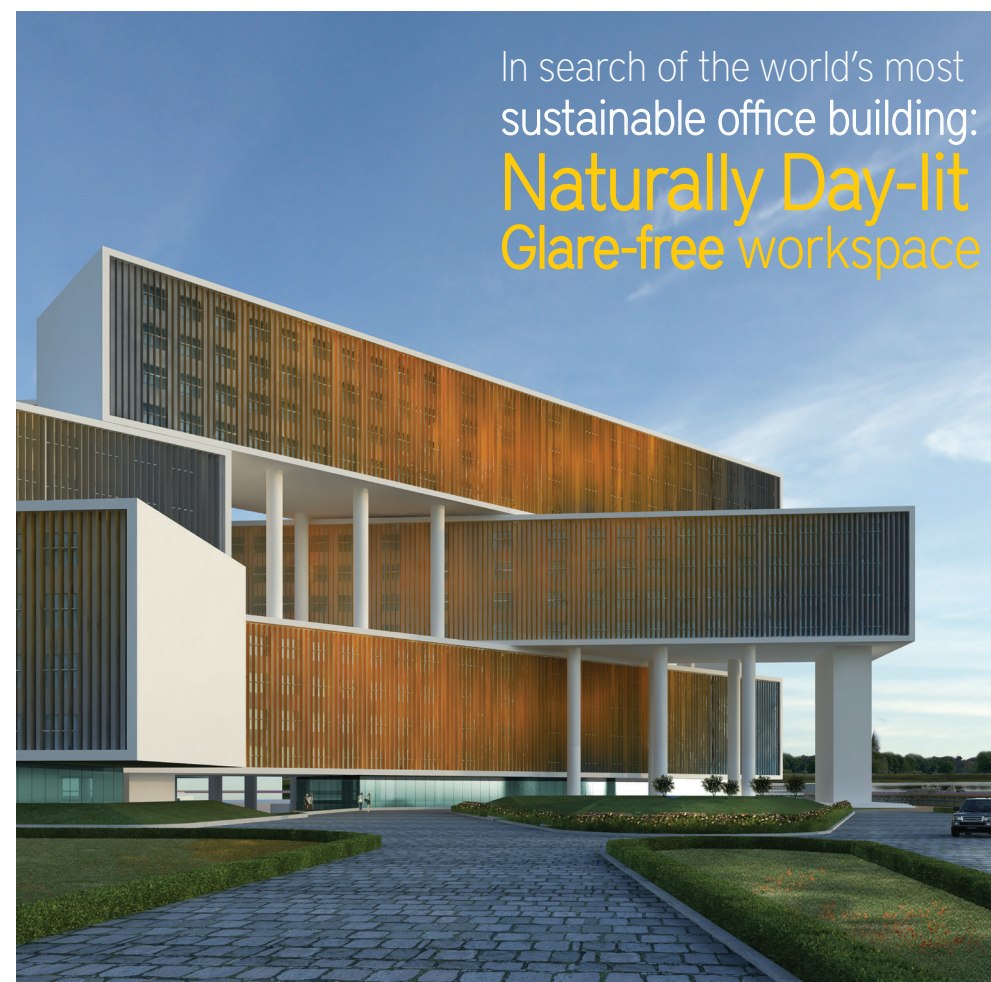
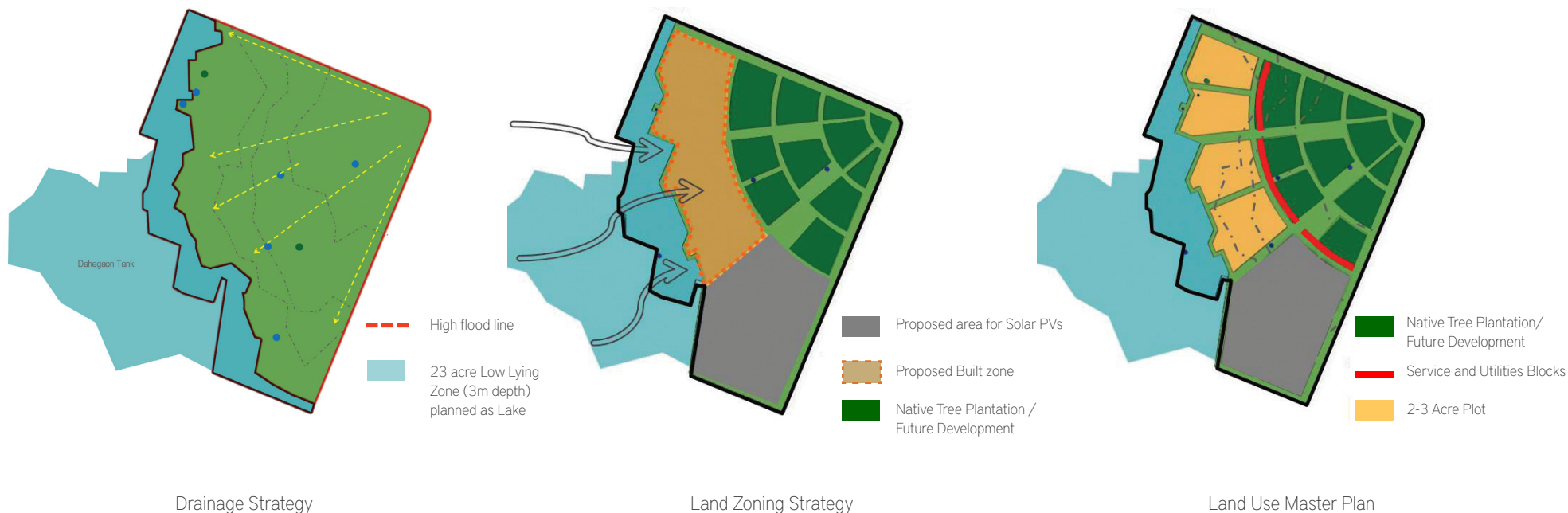
Net Zero Energy | Zero Water Balance | Zero Waste Discharge | Productive Landscape and Bio-diversity Park
15 acre Lake for Rainwater Harvesting | Naturally Day-lit, Glare free Workplace



Iconicism of Sustainability: The client brief was simply- to create the world's most sustainable office building. The challenge is enormous - to consider Sustainability in its broadest sense; not just about conservation of water, energy and resources, but of tectonic perfection, of the detail, the process, and the wisdom of a thousand years of architecture of the region.

A prototype for innovation in the design of sustainable workplaces: The plan evolved from the notion of understanding the capacity of the site; a capacity determined by four functions- energy, water, geology of the land, along with essential rules of urban design pertaining to light, ventilation, shading, etc. Based on that a masterplan for a working population of 20,000 emerged, to be net zero on Energy, Water and Waste discharge. A remarkable envelope design along with orienting the blocks at ± 22.5 degrees to the North (in response to the solar orientation) allows for 100% shading of all windows and walls. 90% of all floor plate areas are designed to be uniformly day-lit and glare-free. Energy requirement is reduced to a fifth of that of a typical office building, which is offset by a 15 acre solar plant, giving complete independence from the grid. Zero Water dependence is achieved by calculating the rainfall on site, how much could be realistically harvested, creating a reservoir to that capacity, simultaneously ensuring that all systems are designed to the greatest efficiency, such that the water consumption per person is 50% of baseline. Biological waste is to be dealt with on site through a bio-gas plant.

Campus for Infosys Ltd, Nagpur



Master Plan

Client: Infosys Ltd. | **Size:** 8,25,000 sq. ft. | 142 acres | **Status:** Under construction | **Climate:** Composite | **Target EPI:** 25 kWh/sq. m/year
Credentials: Target GRIHA 5* Rating | Zero Energy Development for 20,000 people | Zero Water Balance on site for 20,000 people | Zero Discharge