



ARCHI DESIGN

P E R S P E C T I V E

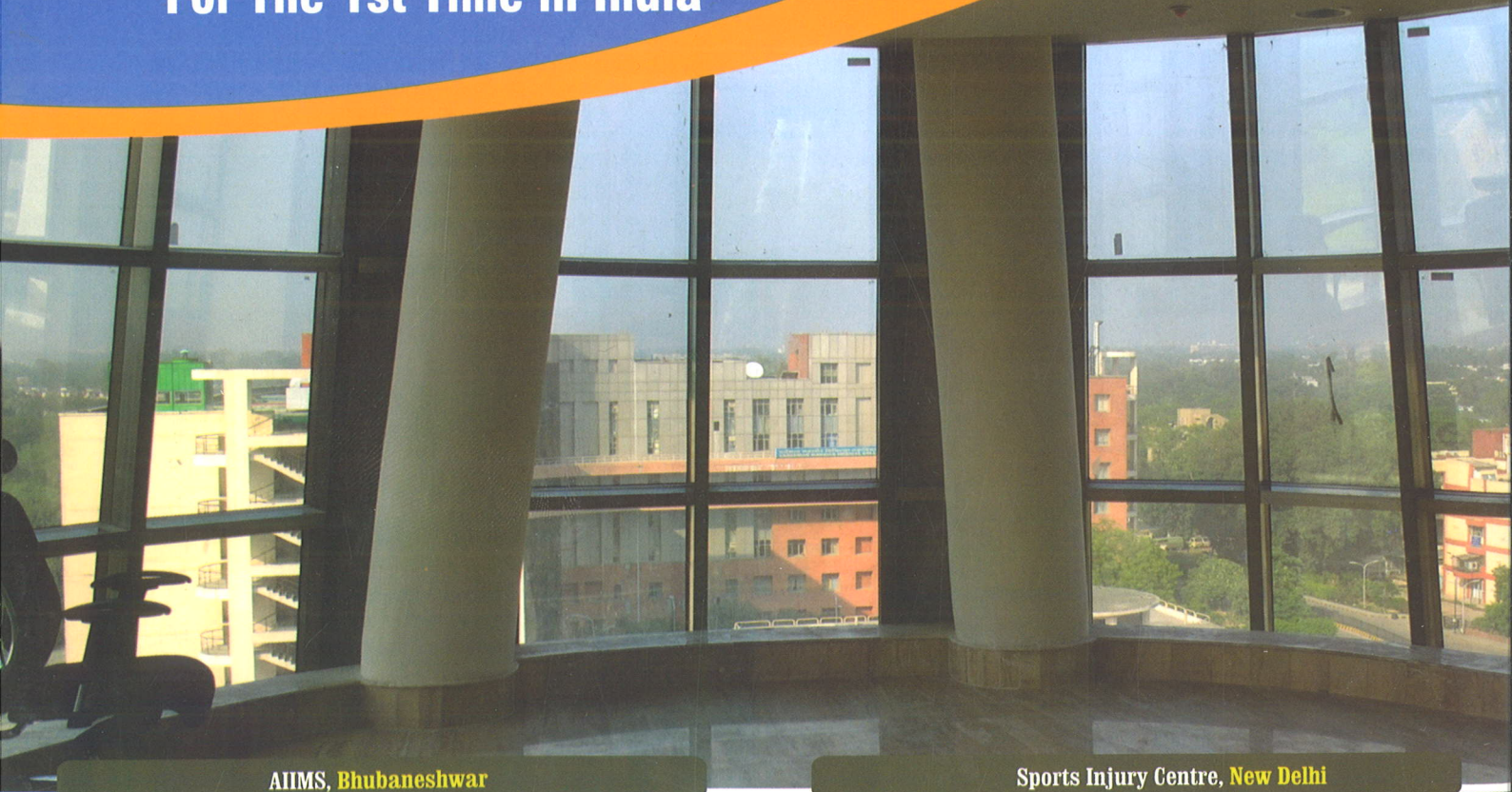
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HOSPITALS
& Healthcare Facilities

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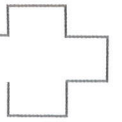
For The 1st Time in India



AIIMS, Bhubaneswar

Sports Injury Centre, New Delhi





Sterling Hospital, Bhavnagar

Well-Planned Architecture

Bhavnagar's super specialty Sterling Hospital designed by RSMS Architects is a pertinent example.

| By Ar. Manu Malhotra, RSMS, New Delhi

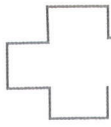


Hospitals constitute an important dimension to the growth story of Indian development. Gujarat which is among the fastest growing states, however, is fast catching up in the healthcare sector with modern hospitals. Sterling Hospital in the city of Bhavnagar is the signature of the leading trend in terms of the design and architecture, expertise, facilities plus the staff of medics and paramedics.

Bhavnagar is the second largest city of Saurashtra region. Well developed industries and phenomenal employment generation potential attract people from all over the country to this coastal city which has a population over 15 lac. Once a princely state, the Bhavnagar is a beautiful city which has been designed and town-planned under the successive royalties of Bhavnagar. Today, this hub of metal, diamond cutting, shipping

and, still in nascent stage, IT industries, the city has many architectural landmarks in its gardens, palaces, temples and national park to boast and draw tourists.

Designing a modern hospital was a challenge in the backdrop of such an evolved architectural richness and taste as seen in and around the city, which is constantly expanding and demanding. The task of giving shape



Project | Hospital

to a hospital, which could meet all the aesthetic and functional needs of modern healthcare, was taken up by RSMS Architects Pvt Ltd., a reputed architectural firm founded and promoted by Manu Malhotra. Manu has a proven track record of creating projects focused on unique and engaging user experiences.

Under the guidance of Manu, RSMS Architects has designed many new hospitals and has also re-structured old and existing hospitals in sync with modern healthcare practice. The firm has successfully completed a number of projects in Delhi, Haryana, Uttar Pradesh, Tamil Nadu, Madhya Pradesh, Bihar and Gujarat. These hospitals range from primary to Tertiary Care Super Specialty Hospitals. Manu's experience of doing several projects in North America has fledged him to deliver tasks in a seamless workflow.

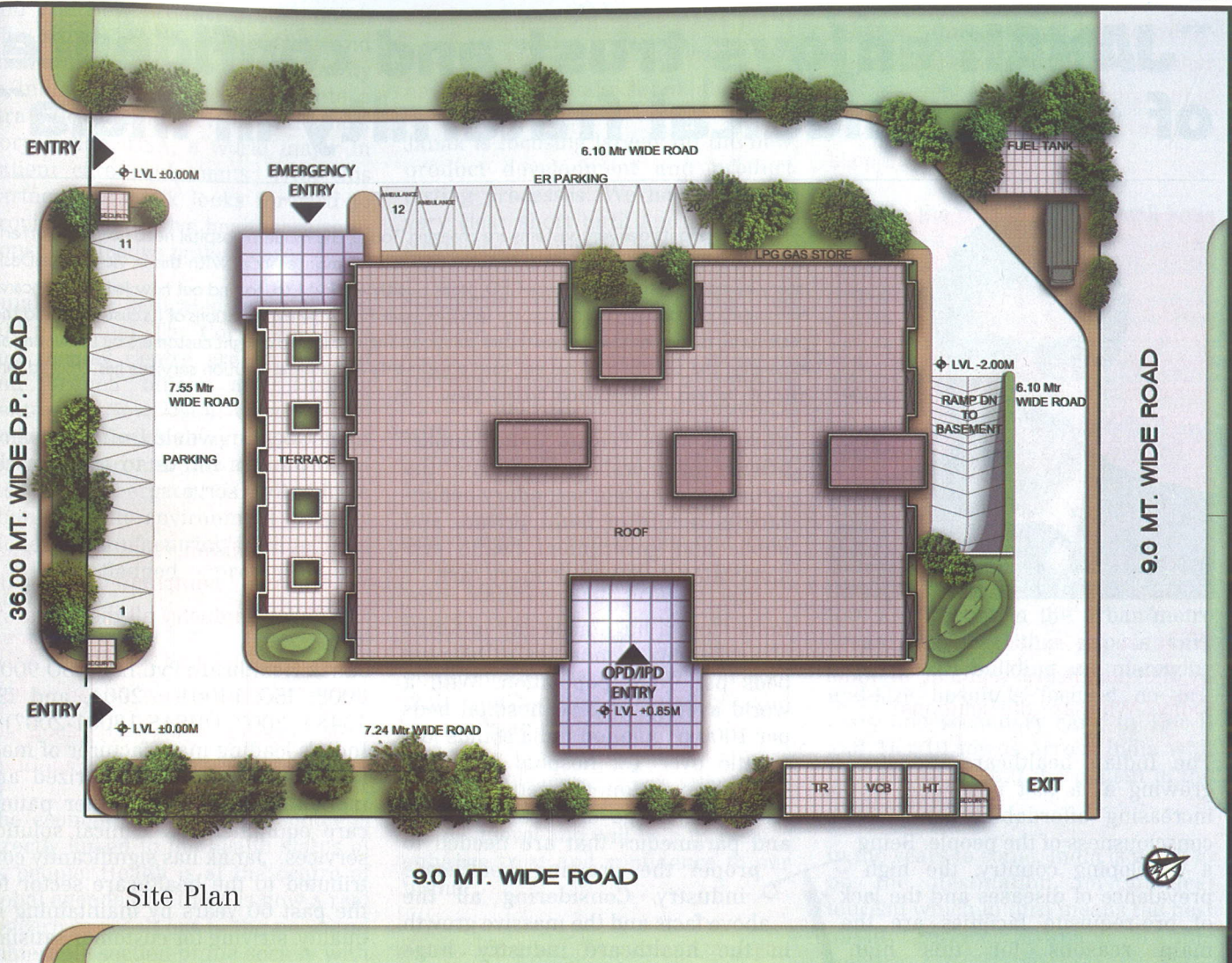
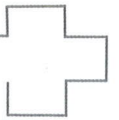
Spread over 1, 65, 000 sq.ft. of land, the Sterling hospital is located on the state highway with overview of Victoria National Park and Gaurishankar Lake. Construction of the hospital got completed in a record period of 18 months having started in April 2009. Built with a project cost of 50 crore, the hospital is a 180 bed Super Specialty Tertiary Care Setup.

Sterling Hospital is a facility which is focused on patients and their families; a hospital complex that is ultra-efficient, aesthetically beautiful, and provides a healing environment that is comforting and uplifting. This nine-storey (including service floor) hospital building, comprises two towers with a connecting atrium. The chief architect Manu Malhotra says, "The design intent was to create a clear and definable circulation system to meet patients' convenience, and to provide a pleasing infrastructure and ambience for staff and visitors right from the entry point."



Top three floors accommodate various categories of rooms for inpatients. Stress tested for efficiency to reduce the travel distances between Nursing Counter and the patient rooms, the towers are so angled as to maximize views into the adjacent natural habitat and towards the Victoria Park and Lake. The presence of vast nature so close to the hospital act as a divine blessing in expedient healing but design indeed has been crucially successful in capturing it to the full advantage and view of the patients.





Site Plan

Besides maximizing views of the exterior natural beauty from the inpatient rooms, there is much to the interiors to secure comfort and convenience for inmates. This purpose led way to the design idea of building two towers placed along an Atrium at lower levels and visitors holding areas at patient floors. According to Manu, the two towers adopted the Lean methodologies to enable it to improve processes and flow of healthcare delivery, therefore assuring a value added experience for patient, families and staff. The lean design also enables to get Natural Light in abundance into the interiors and has been effectively used to bring in the sense of way-finding. The building exteriors and proportions

create a human scale that appropriately responds to the surrounding residential neighborhood.

Sterling Hospital is one of its kind in that region. The architecture of the hospital supports an ambitious platter of healthcare requirements. The hospital has the largest ICU set-up in the district with 50 beds. It has an impressive 7 state-of-the-art Operation Theaters for varied needs & emergencies. Besides offering a wide range of Services like Pathology, Radiology, Pharmacy and Dialysis, the hospital houses High End Flat Panel Digital Cathlab.

Recipient of B.V. Doshi Gold Medal for "Excellence in Design", Manu

gives a tip on the importance of architecture in hospital, "Process Optimization is the key for successful healthcare project." The Sterling Hospital is just one example.

Project Particulars

Client: Sterling Addlife India Pvt. Ltd.

Project: Proposed Sterling Bhavnagar

Architect: RSMS Architects Pvt. Ltd.