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Statement books

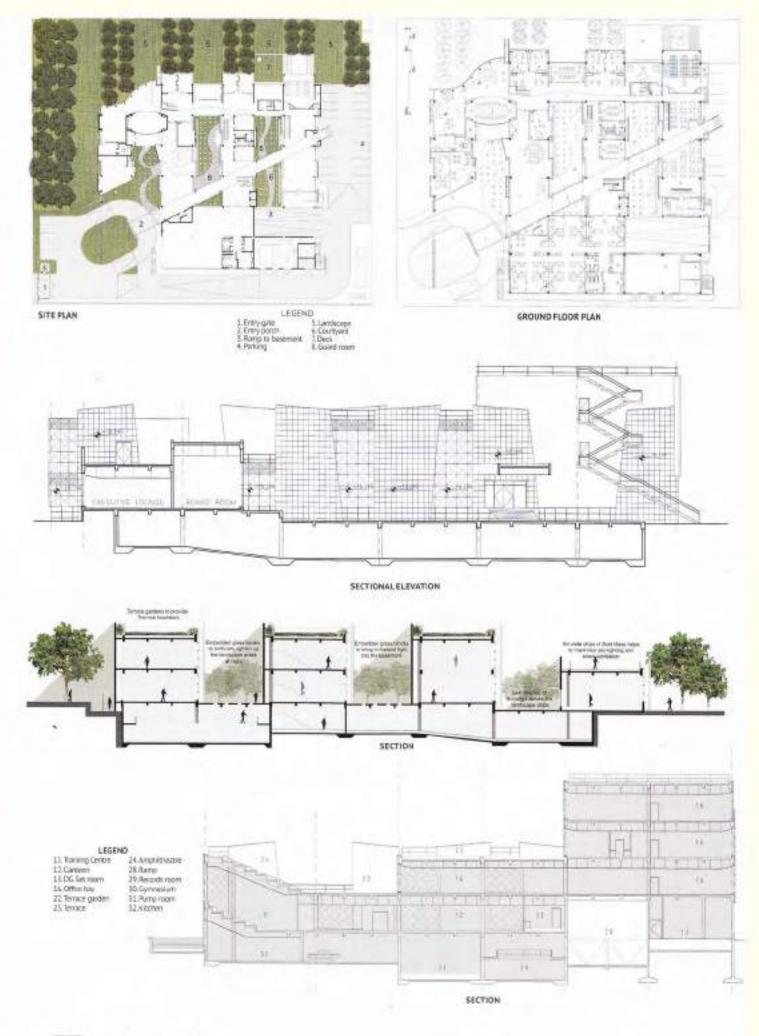


The Headquarters was conceptually conceived to have the testure and falsic resembling those of Japan. The fragmented morphology employing strictions and layering paved the way for a 'micro-city' Spatial and programmatic striations create overlaps between the built-open spaces and the programmatic requirements. Moreover, nine metre wideparallel linear strips running SE NW were grafted across the site to form various zones like nature zone, work zone, transaction zone and the like. It also helped to provide an interface and permeability between the striations. A movement spine traversing the programmatic striations stimulates the activity zones and restructures the office space.

This morphology further helps to articulate the thermal banking and day lighting

strategy, Internal and external courtwards about the striations and terraces are provided to bring in maximum daylight. The terrace gardens also provide a high level of thermul. insulation. A staggeted sion treatment using solid and glass planes further enhances temperature modulation. The solid set of planes is staggered to shade the glass surfaces and give protection from the minwhile keeping the glare out. This also ensures that rolar ingress is limited to the winter months. The result of this strategy is an aircanditioning system which averages about 250 square feet per tan of air conditioning which is far better than the industry standards.

An integrated building management system is employed by monitoring the energy-exits through three main access points using







FACT FILE

PROJECT LOCATION PRACTICE DESIGN TEAM APOLLO TYRES HEADQUIVATERS GURSAON, HARVANA, RICHA MOSPHOSENESIS PRODIPTO GHOSH

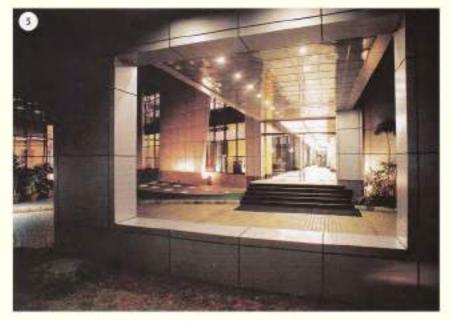
MS DEWI (AJD) ARVIND SUPTA RAVIJAITLEY

CLIENT APOLIO TYRES LTD

AREA LUXXXXX SUB.

YEAR 3000

PHOTOS JATINGER MARWAHA



achieve an interactive control of the facility management system and complete energy efficiency in a well-integrated environment.

The building also prodominates in its aesthetic sensibility. The external fire escape staircase made of rippling stainless steel has been provided with an artistic touch. The building façade is fragmented with

proximity readers and regulating all services

such as air conditioning, electrical systems

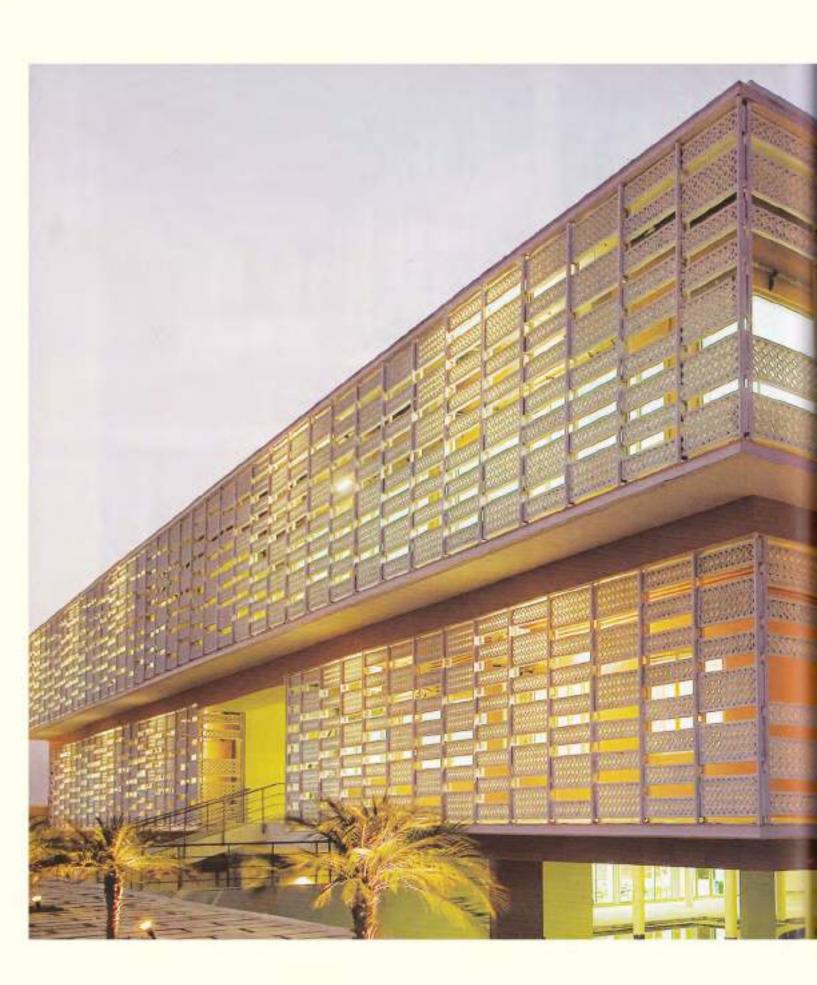
and lighting based on occupancy. It helps to

a series of trolein angular planes in glass and aluminum. A curved, reflective glass wall forms the entrance to the building. The building has no formal entrance and the distinction between the interior and exterior space is lost in the morphology of the building. While incorporating an energy conscious design with modern architectural aesthetics, the Apollo Tyres Corporate Office odds one more feather to the crown of Morphogenesis.

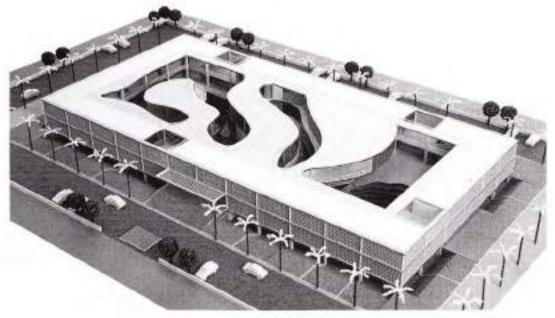
3) Striations concerning the open spaces

4) Covert reflective plans well (cerning the extraing

 Proximity readers provided at the entry-local executors the picopia



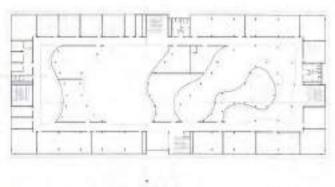




MODEL IMAGE

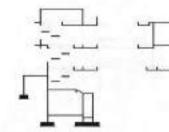


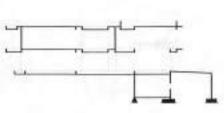
SECTION-STACK EFFECT











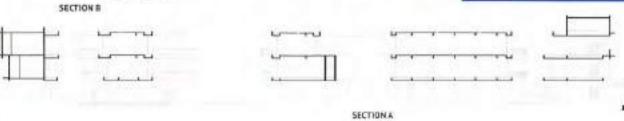
FACT FILE

PROJECT LOCATION PRACTICE PEARLACADEMY MIPLE, RAJASTHAN, INDIA MCRIPHOGENESIS JOHN ALOK DE CHUZ BACHNA AGARWAL DESIGN TEAM

RACINA AGARWAL ANNA BERGBOM RUDRAITT SABHANEY SHRUTT DIMRI, RUDHI WUDW, PEARL ACADEMY OF FASHION 2.55.000 Sc. Pt. 2008

CLENT BUILT-UP-AREA YEAR

ANDRE / FANTHOME AND COMUND SUMMER ₹H0105



MURPHOGENESIS



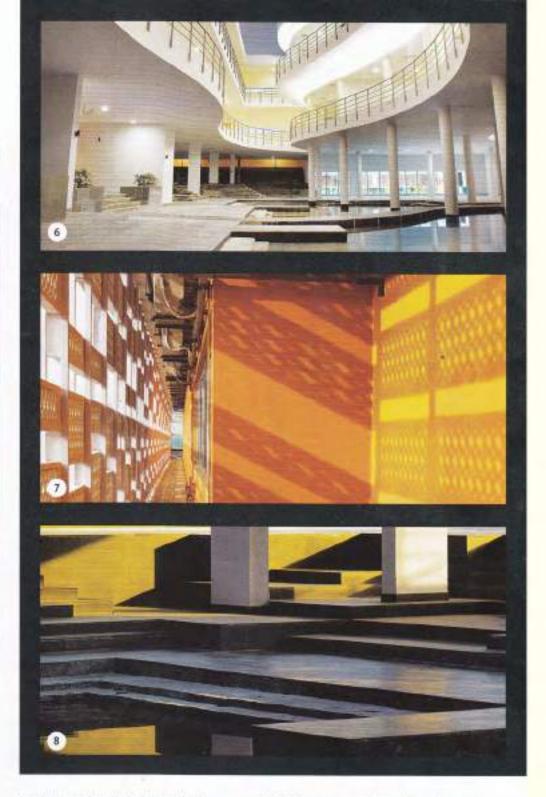
Morphogenesis is one of India's leading award-winning Architecture and Urban Design practice founded by Maret Rastog; and Sonali Rastog; They have won over 75 international and national awards, and been published in over 500 international and national publications. Morphogenesis is globally recognized for its diverse work that encompanies a range of typnlogies across Architecture. Interiors and Landscape Urbanism.

The firm has ranked for the sixth time running, wrong the Top 100 Architectural Design Firms worldwide by Building Design Magazine. UK in WA200 2017 The firm is the first Indian practice to win a WAF Award, and is a fire times winner of the Indian institute of Architects Award for Excellence in Architecture Manit, along with Scrool Ristogi, has been awarded Laureate of the Singapore Institute of Architecture in Award for Emergent Architecture in Awards for fiveing made a significant contribution in shaping the changing landscape of Asia through their vision and commitment.

 Under water cooling maintains a cool and stary atmosphere in the building

T) The shootow design farmed by the 'just laquite

8) The step well is inspired by the traditional bood



four feet away from the building and reduces the direct heat gain through fenestrations, yet allowing for diffused daylight. The jaali thus, serves the function of three filters-air, light, and privacy.

Various schemes like self-shading sliver courts and under water cooling has been devised to maintain a cool and cosy atmosphere in the classrooms and studios. The entire building is raised above the ground and a scooped out under belly forms a natural thermal sink which is cooled by water bodies through evaporative cooling. This water body is fed by the recycled water from the savage treatment plant. The under belly which is thermally banked on all sides also serves as a large student recreation

and exhibition zone and forms the anchor for the entire project. This system allows to maintain the temperature at 27 degree, while the curtaide temperature rises to 47 degree celsius.

The construction has been done with special emphasis on cost efficiency and energy efficiency. Materials like local stone, steel, glass and concrete have been used to suit to the climatic needs with a minimum cost, The institute is fully self-sufficient in terms of captive power and water supply and promotes rain water harvesting and waste water re-cycling through the use of a sewage treatment plant. Thus, it serves as a successful model for cost offective passive architecture in desert regions.