

project



WIND GATES

KOLHAPUR

A coherent design with respect to climatology

Triple height wind pockets to west & east sides are created to allow the west wind flow in the campus, central amenity space & to the internal faces of 'A' & 'B' wings and drawing its name "Wind Gates".



Kolhapur's Identity is synonymous with the New Palace Museum. New Palace Museum is magnificent historic royal museum situated in Kolhapur City. This building was a royal palace of Chhatrapati Shahu Maharaja. Even today the royal family resides in the palace. The site boasts a unique location and has imposing and majestic views of the palace.

Zoning of plots with respect to the placement of common spaces and buildings is done in a manner as to get the view of the palace from the maximum number of the dwelling. Though the plot is divided legally, the design is done cleverly to club the plots as a single campus zone. Two wings on each plot are connected by bridges through wind pockets at multiple levels so as to achieve the core connectivity in between the wings. At the entrance, two wings on separated plots are connected by means of wire rope pergolas which help in maintaining the building rules

The combined effect of the cantilever projections, box frames, and pergolas develop an interesting play of shadow in natural light and even in artificial illumination.





and regulation and the same time helps to visual building connectivity and spaces and height proportions. Common Amenities are placed centrally and on the opposite side of the access road. This helps functional segregation isolation of the vehicular zone and avoids the entry chaos for the pedestrian zone. Such as the multipurpose hall, gym and children's play park.



A Coherent design with respect to climatology and site conditions has been created along with well-proportioned interior and exterior spaces with respect to the site.



Interconnectivity of spaces is balanced by creating landscape pockets, flower beds, and water bodies. The basic concept of massing and blocking reflects in the water sculpture located at the entrance, which also creates a soothing ambience. Preservation of existing huge number of trees is a one of the highlighting factor of the site landscape. The landscape constitutes of local trees such as Mango, Flame tree (Gulmohar), bur- flower tree (Kadamba). Sitting are provided beneath the mango tree, which is planted as a loop to cast a soothing shadow. Trees such as mango, millingtonia, passion fruit, plumeria alba obtuse, bird cherry invite various cherishing birds and create a relaxing ambience around. Palm trees are planted continuously along the compound wall so as to minimize the length and height of the walls visually. Creepers such as Quisqualis, Densiflora etc. cover the pergola on the walking tracks.

Every individual dwelling unit is provided with an entrance lobby to segregate the common passages and unit. Dark grey tile flooring for common passages abutting every dwelling unit serves as a background for traditional rangoli pattern. This enhances the traditional values as well as breaks the length of passage visually. Attached terrace with glass railing maximize the space visually and helps to enjoy a wider view of the campus and the surrounding through the individual dwelling unit.





Ar. Prashant Kapadi,
Vision Associates



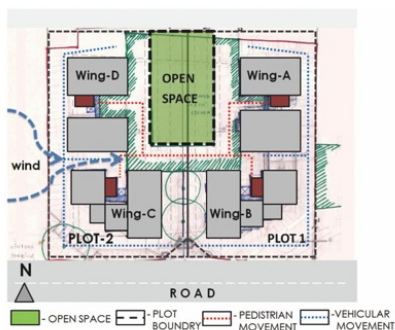
Wisely designed landscape and common lobbies at parking level create stress releasing ambience while entering the building. Informal seating benches are designed at the common lobbies for relaxing before climbing the straightway or while waiting for the lift. Overlooking passages and seating pockets are designed at every floor level, which serves as an interacting space for senior citizen and also aids social neighborhood interaction.



FACT FILE:

Project Name	: Wind Gates
Who	: Abhijit Magdum –Director, Bhima Mahabharat Builders
Where	: Kolhapur
Which Architect	: Ar. Prashant Kapadi, Principal Architect -Vision Associates.
Which Landscape Designers	: Ar. Nila Jirge
Which Structural Consultants	: Dr. A.B. Kulkarni & Associates
Which Civil Contractors	: Bhima Mahabharat Builders
Which Plumbing Consultant	: Sunil Limaye
Photo Credits	: Sanjay Chougule
Site Area	: 4797 Sq. M
Built up Area	: 9003.54 Sq.m.
Type	: Residential
Team	: Abhijeet Magdum (Director), Jayesh Kadam (Director)

The amenity spaces are placed centrally on the campus for easy access. Rooftop garden, seating pockets & kids paddle pool are situated above the multipurpose hall which is connected to children's play zone or interaction spaces. Gym and indoor games hall are below the multipurpose hall with skylight and indoor landscape pockets.





Abhijeet Magdum
Director,
Bhima Mahabharat Builders



The façade is an asymmetric juxtaposition of blocks in various grids which create amazing masses. Placement of penthouse on upper 6th & 7th floor reduces the floor coverage at above levels. And helps achieve interesting skyline of the building in a recessive order. These recessing blocks cut the massiveness and the verticality of the structure. It also gives a wider sky view from the central interaction spaces. Cantilevers projecting unit terraces with semi-covered effect creating frames over these protruding boxes develop an interesting random façade. The Fabricated pergolas on these terraces further enhance its semi covered ambience. 🏡

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