

# BUILDCON ARCHITECTURE

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₹ 500/-



16 CITIES | 16 Architects and Interior Designers



## Save Tree, Save Life

The Amazon Rainforest is Referred to as "The Lungs of the Earth".

Buildcon Architecture Magazine #16



# KOP – 1, TARABAI PARK, KOLHAPUR

Principal Architect : Ar. Prashant Kapadi

Situated on the banks of Panchaganga river & surrounded by Sahyadri mountain ranges, Kolhapur city is also known for its rich biodiversity and its history. The site is located in a lush area of Kolhapur dwelling giant trees with dense foliage housing a variety of volant fauna. The trust of the client gave us the freedom to design a unique building with spacious apartments with huge terraces amalgamating landscape within.



## Concept

The design deals with the idea of blurring the boundaries between interior & exterior, such that the building merges with the surrounding landscape. The main concern was to preserve the existing trees which act as a key landscape feature on the site.

The central lobby area is aligned to the central tree enhancing the quality of the space. As landscape being the visual & tactile element. The building is carefully placed into the natural fabric by retaining some of the tree branches inside building. Punctures are created in terrace slabs yawning the growth of the existing tree, giving one the feel of connecting to the ground.

The pockets on the cladded walls are so designed to serve the purpose of framing the nature as well as expanding the sight of the habitant. The building hosts the branches that wiggle onto the terraces giving the habitant the chance being in solitude with nature and the color palette of the façade highlights the lush greens of the surroundings.













ELEVATION







## Climatic Responsive Architecture

Wind pockets to west & east sides are created to allow the west wind flow in the common spaces. Well-proportioned interior and exterior spaces with respect to the site. Coherent design with respect to climatology and site conditions. 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. The rooms designed so as to receive natural light and ventilation. The watchman's cabin's roof is covered in vegetation which not only adds aesthetic value to the entrance but also reduces urban heat effect. Proper green areas provided to minimize heat effect throughout the building. The combination of louvers and glass paneled windows naturally illuminates and ventilates the common areas. A significant portion of the building has been devoted to vegetation to reduce the urban heat effect. Provision of solar panels for various utilities.

## Landscape

Interconnectivity of spaces is balanced by creating landscape pockets, flower beds, and water bodies. Safeguarding the huge existing trees is one of the highlighting factor of the site landscape.

## FACADE

The building's façade is dominated by horizontal concrete bands, vertical fabricated screens and walls clad with rustic exterior laminate. The palette of grey with a tinge of mustard yellow makes it a calm exterior. The façade is designed in such a manner that it breaks the verticality of the building. The cantilevered interlocking terraces at alternate levels, the fabricated screens, the punctured clad walls and the pergola along with the adjacent tree branches create an interesting play of light and shadow in its natural setting as well as in artificial illumination.

## About the Building

Entry to the building is led by random tile blocks carved through a dense wilder nest with transitional water bodies creating a mesmerizing entrance. The common spaces are provided with screens which compliments the exterior façade which maintains harmony. Due to height restriction, basement parking is provided to get more useable floor space on the ground floor. The visitors lounge is accommodated on the ground floor with a double height outdoor children play area. Semi-open landscaped sit-outs are provided on alternate floors. Amenities such as indoor games, gym, and meditation room are accommodate on alternate floors with double height. Each apartment has its own terrace garden with water bodies. These interlocking alternate landscaped terraces are allied to each other with double height vertical fabricated screens. Also, these screens give verticality to the building. To maintain privacy of the terraces, clad walls with small horizontal punctures at eye level are given at intermediate levels. The colors chosen are muted to subdue the building giving more importance to landscape. The clad walls with subtle color scheme, balanced composition of the cantilevered terraces and the vertical screens add beauty to the building mass. Also, the punctures in the exterior walls, vertical screens of the common spaces and terrace voids gives a sense of lightness to thus heavier building mass.





#### Fact File

**Name of the Project** - Kop 1  
**Principal Architect** - Vision Associates  
**Architect** - Ar. Prashant Kapadi  
**Client Name** - Bhima Builders and Developers  
**Project Location** - Kolhapur, Maharashtra, India.  
**Plot Area** - 1200 Sq. M  
**Built-Up Area** - 3500 Sq.m.  
**Photography** - Mr. Sanjay Chougule - Image  
**Courtesy** - Bhima Builders and Developers  
**Team** - Mr. Abhijit Magdum

#### Materials

- Flooring : Short blasted paving Block (Exterior), 2'x 2' Vitrified Tiles (Interior)
- Wall Cladding : Bubble Texture Blew World Paint
- Lighting Fixtures : Chargi, Philips, Lafit
- Any other : Exterior Flooring – Supreme Paver Block- Basant Beston , Internal Flooring – Asian Vitrified Tiles & Italian Marble, Paints – Asian Paints, Sanitary Ware – TOTO, Window – Geeta Aluminium Windows

**Mr. Abhijit Magdum - MD & CEO**

## Awards

1. Shilpkar Gaurav Puraskar -2004
2. Artists In Concrete Awards – 2008
3. Overall Excellence – Best Of The Best ( Best Builder Award)-2008
4. Space Planning - Commercial (award For Best Planning Of Commercial Property)
5. Parking Lot- Residential & Commercial-2008
6. Yuva Udyojak –from Woman's Foundation
7. Represented Kolhapur District Cricket Team For Under 15, Under 17, Under 19, senior District Cricket Team.
8. Jeevan Gaurav Award By Builder Association Of India (b.a.i)-2018

## Bhima Builders and Developers

It has been the entrepreneurial enthusiasm of Abhijit Magdum which is the driving force of Bhīma Builders and Developers. Over one and a half decade, Bhīma Builders and Developers have redefined the residential and commercial constructions in Kolhapur as well in Pune.

Spanning various construction projects, the name Bhīma Builders has become synonymous with high quality and innovation.

Bhima Builders and Developers consists of young, enthusiastic, energetic professionals in the fields of Engineering , Architects led by Chairman & Managing Director Mr Abhijit Magdum.

Bhima Builders and developers have supported many social activities such as Tree Plantation, sponsorship for needy students, Save the girl child campaign, Happy Street with Maharashtra Times, etc.

#### **Bhima Builders & Developers**

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