



S | BAU

Suprio Bhattacharjee Architecture Unit

ARCHITECTURE | DESIGN

ECOLOGY | PLANNING

PEDAGOGY | RESEARCH



SELECTED WORKS PORTFOLIO
HOUSES & HOUSING
LANDSCAPE, GREEN & ECOLOGY
CULTURE & COMMUNITY

hello@sbau.info

Awards, Exhibition & Publications

2012 - 'Living Weave' **awarded Environmental Quality Mention** at Horizontal Farm Delhi, International Design Competition

2012 - Work published in **Domus India**, May 2012, titled 'Blooms, Petals, Reeds, Fronds' - a commentary on sustainable practice.

2012 - 'Desert Blooms' published in the compendium **'Public Art of the Sustainable City'**; pageONE Publishers, Singapore.

2012 - 'Bamboo Leaf' published amongst selected shortlisted entries in the **'International Bamboo and Rattan Products Ideas Competition 2010'** - also displayed at the **Shanghai World Expo 2010**.

2011 - Solar Umbrella Concentrator shortlisted among top 5 percent worldwide in the **Siemens Smart Grid Innovation Contest**

2011 - Solar Umbrella Concentrator shortlisted at **MIT's Technology Review India Grand Challenges for Technologists**

2010 - 'Bamboo Leaf' exhibited in International Network for Bamboo and Rattan (INBAR) Pavilion at **World Expo 2010 Shanghai**.

2010 - 'Desert Blooms' shortlisted at **Land Art Generator Initiative Design Competition**

2010 - 2nd Prize-Winning Entry for the 'Homes For All' **Affordable Housing Design Ideas Competition** organised by the MCHI [Maharashtra Chamber of Housing Industry]; awarded to ETT.

2009 - Citation, **'World Architecture Community Award'**; for the Integrated Urban Transportation Node at Andheri

2008 - Publication; **'City Tower Competition for Cheongna, Incheon, Korea'** - Korea Land Corporation, Seoul, 2008;

2007 - Exhibition; 'An Evolutionary Framework for the Development of HongKong's Central Waterfront' - shortlisted entries in the **'Designing HongKong' International Ideas Competition**.

2004 - Shortlisted Entry, Publication & Exhibition - **'Archiprix 2001/2003 - World's Best Graduation Projects'** - Netherlands Architecture Institute with Faculty of Architecture, ITH, Istanbul; for the Integrated Urban Transportation Node at Andheri



About Suprio Bhattacharjee

Suprio Bhattacharjee is an architect, pedagogue and researcher based out of Mumbai.

He has over a decade of experience working on a range of projects of varying scale - both as an independent practitioner in collaboration with several architecture offices, as well as on projects done independently. He is responsible for the design of the Cidco Exhibition Centre, currently been completed, at Vashi, Navi Mumbai, by its executive architect. Besides he has to his credit the design of numerous other projects, which can be found in the pages of this work profile document.

He has taught at various architecture schools in the city over the past decade and is frequently invited as a guest critic. His writings and work have appeared in national as well as international publications, and he has lectured on issues within contemporary architecture at a number of forums. At the moment, his writings can be found regularly within the pages of Domus India.

As an architect, Suprio Bhattacharjee focuses on assimilating and synthesizing the diverse aspects that make up the building process. Each project becomes a test-bed to investigate significant issues related to the built environment and its relationship, significantly, to a place and its people. The practice realizes the need to acknowledge a dynamic global economic, cultural and creative space - hence operates within this milieu. Landscape, Culture, Topography, Structure and the articulation of Construction are seen as prime drivers for any design process - and of course the experiential and kinaesthetic aspects of any project.

The practice believes in an absence of an over-riding individual 'style' in favour of a fresh, specific and unique 'response' for each project. Every project is designed around its own strategic framework of user experiences, budgetary constraints, programme, purpose, site responses, sustainability and landscape, materials and crafts, building technology and structure. Thus each work is deeply linked to a common set of values.

His experience covers a diverse set of projects - a masterplan project and apartment buildings across various sites targeting the fledgling affordable housing segment in Bangalore, an Ashram spread across 9 hectares in Thane, a leisure home development and private house in Karjat, a private house in Goa, a house remodelling project in a suburb of Mumbai, a number of intervention projects operating at small-to-medium scale for corporate clients in Mumbai and its extended suburbs, as well as large-scale Urban Design projects dealing with Ecological issues in Malegaon and Mahad [Maharashtra]. Besides the practice also operates at the intimate scale of interior architecture.

Project Credits: All projects designed by Suprio Bhattacharjee as Principal Designer / Architect unless mentioned otherwise



issuu

[SuprioBhattacharjee](#)



[S.BAU / Suprio Bhattacharjee Architecture Unit](#)



[Suprio Bhattacharjee](#)



Suprio Bhattacharjee Architecture Unit

ARCHITECTURE | DESIGN
ECOLOGY | PLANNING
PEDAGOGY | RESEARCH

for enquiries:

hello@sbau.info

Founder & Principal Architect

Suprio Bhattacharjee +91-9930693608

suprio@sbau.info



S | BAU

SELECTED WORKS PORTFOLIO HOUSES & HOUSING LANDSCAPE, GREEN & ECOLOGY CULTURE & COMMUNITY

CULTURE / COMMUNITY

LEISURE / INFOTAINMENT

TRANSPORTATION / MOBILITY

MIXED-USE / URBAN INFRASTRUCTURE

URBAN DESIGN / ECOLOGY

CAMPUS MASTER-PLANNING / INSTITUTIONAL

ALTERNATIVE FUTURES
[RENEWABLE, SUSTAINABLE TECHNOLOGIES]

SUSTAINABLE HIGH-RISE

SUSTAINABLE HIGH-DENSITY HOUSING

PRIVATE DWELLING / SINGLE-FAMILY RESIDENCES

INDUSTRIAL

INTERIOR ARCHITECTURE

PROJECT KEYWORDS:

adaptive re-use high-rise culture work environments mixed use visible landmark passive cooling social engagement civitas craftsmanship urban typologies places of exchange learning density
energy efficiency alternative construction urban design local materials advanced structure special building community living renewable energy urban engagement leisure & entertainment groundscraper domesticity

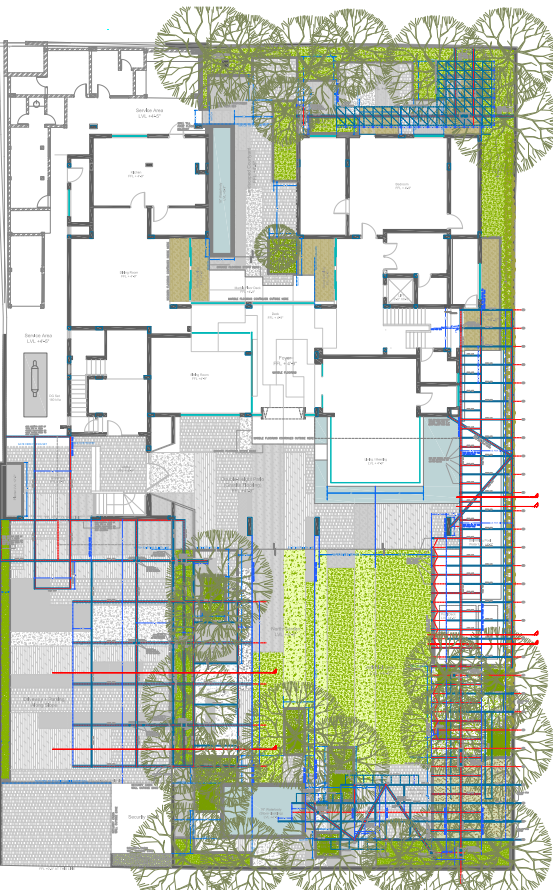
S | BAU

[FEATURED WORKS]

sbau.info / hello@sbau.info

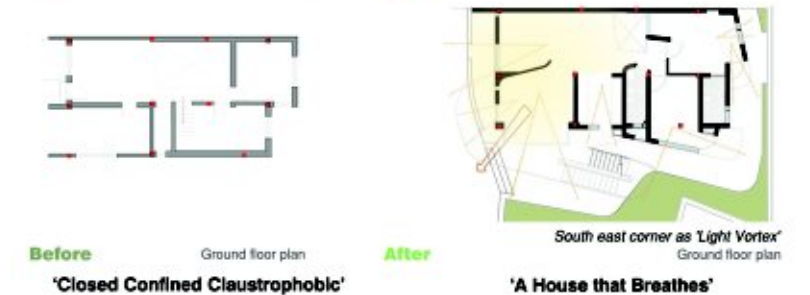
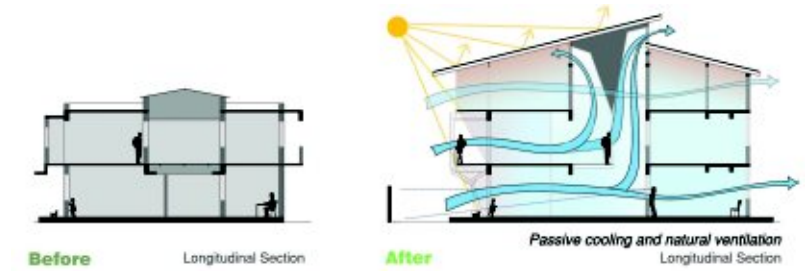
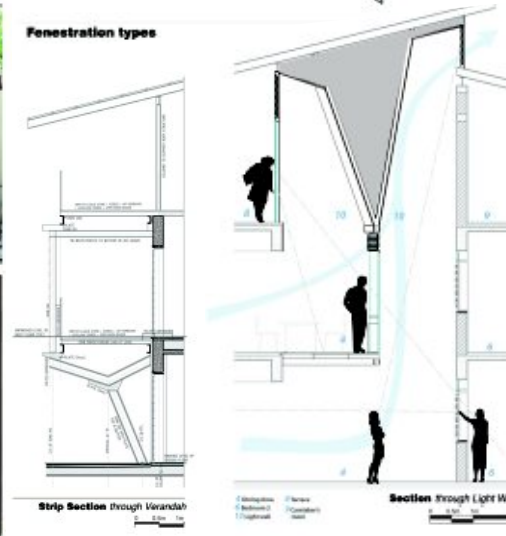
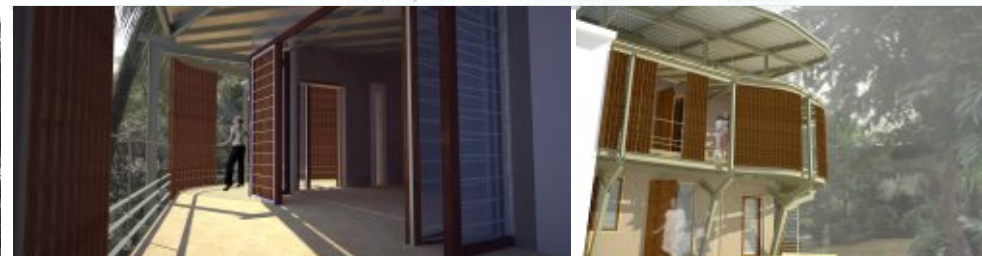
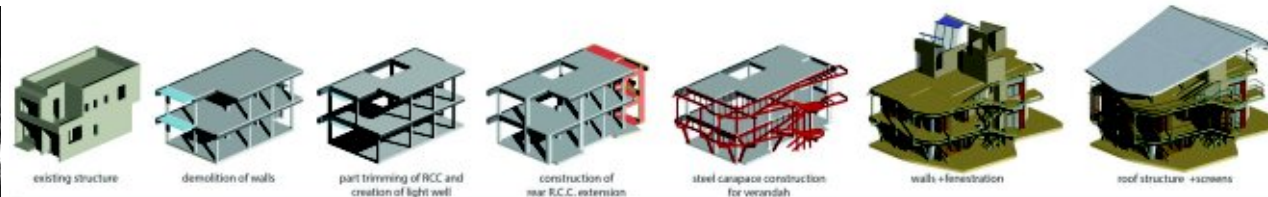
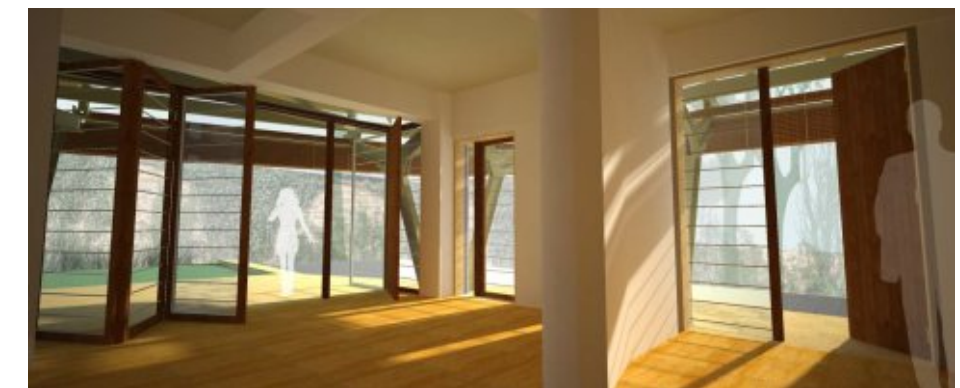
Pavilion House

Architecture, Landscape & Facade Strategy: Three-Generation Family House, Chennai, India | 2014 - present



Radical City House Transformation

Mumbai, India | 2011 - present

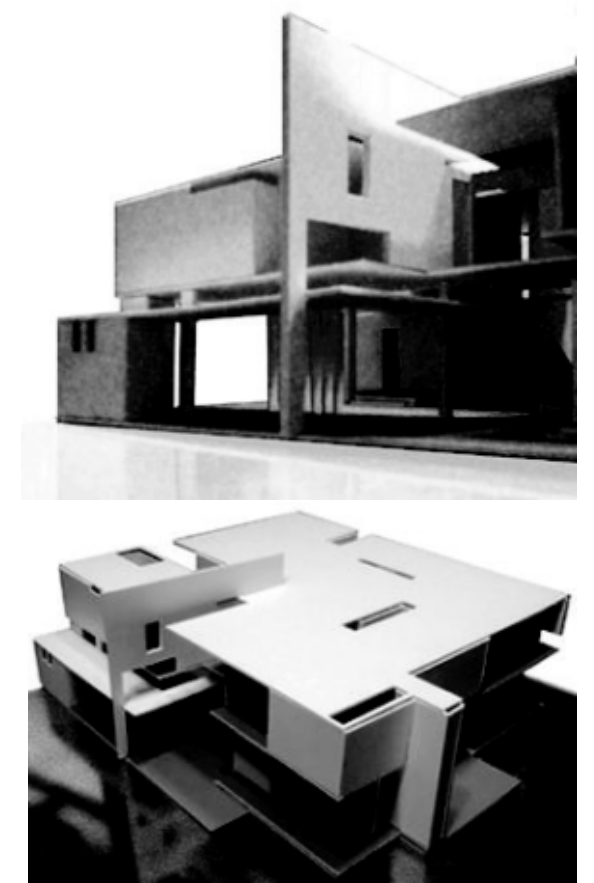
**Built form transformation**

The client, a three-generation family chose to retain their original two-storeyed RCC-framed row-house built in the mid-1970s on a tight suburban site. Formerly dark spaces are transformed by an off-centred light-well/vent stack for natural cross-ventilation and light by taking advantage of prevailing westerly/south-westerly winds as well as large openings and new verandahs onto the garden. Manually controlled louvers allow inhabitants to manipulate wind-flows within the house during day or night.

COMPLETED

City House

Mundhwa, Pune, India | 2006 - 2008
in collaboration with interior design office RS+A



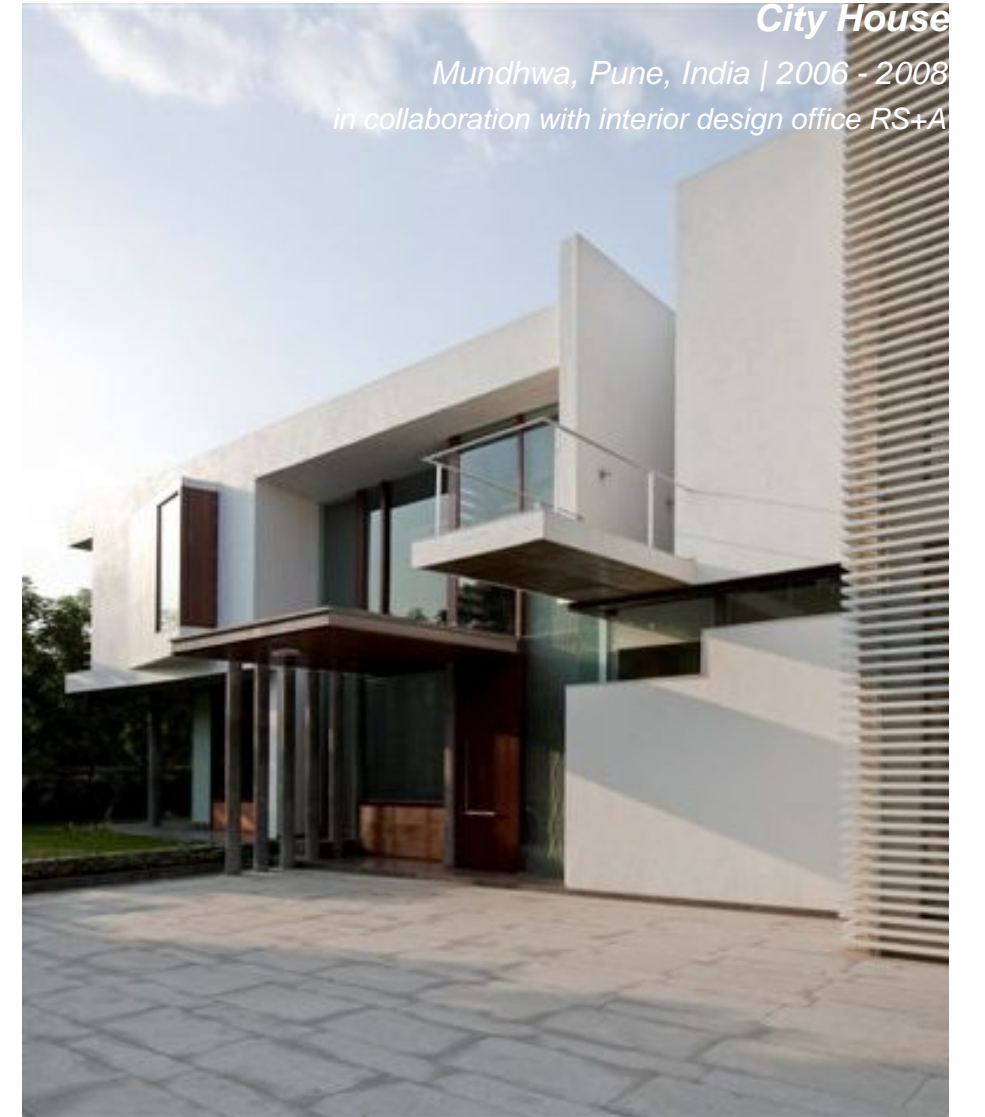
The house is located within a gated community with its own set of 'codes' defining the built form. The house had to be white from the outside, and as is typical with these communities, no views could be afforded due to buildings in adjacent plots. Hence the design became internalised, and focussed on creating vistas and interconnectedness within the house. A voluminous spatial 'knot' binds the two levels and the various 'rooms' of the house together with the numerous semi-outdoor patios. This 'knot' has a varied roofscape held up by a broad, solitary free-standing column and a cantilevered staircase that dramatically alters the experience of the individual as she moves through the house. Changing sight lines are reinforced by natural light that is strategically let in. At least half of the building is held up by rooflevel beams, with the intention of making the ground level extremely open and connected to the outside while drastically reducing the need of support from below.

adaptive re-use high-rise culture work environments mixed use visible landmark passive cooling
social engagement civitas craftsmanship urban typologies places of exchange learning density

energy efficiency alternative construction urban design local materials advanced structure special building
community living renewable energy urban engagement leisure & entertainment groundscraper domesticity

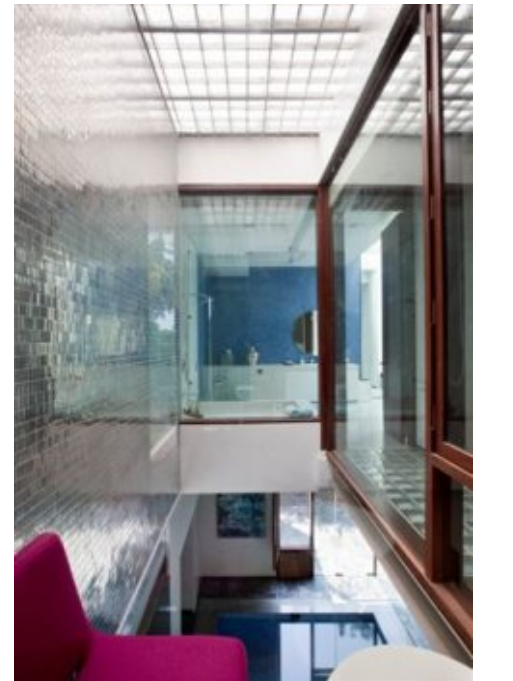
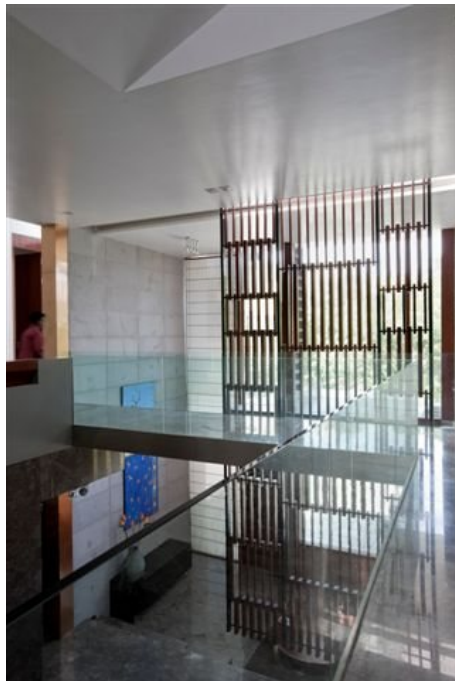
S|BAU
[FEATURED WORKS] sbau.info / hello@sbau.info

COMPLETED



City House

Mundhwa, Pune, India | 2006 - 2008
in collaboration with interior design office RS+A



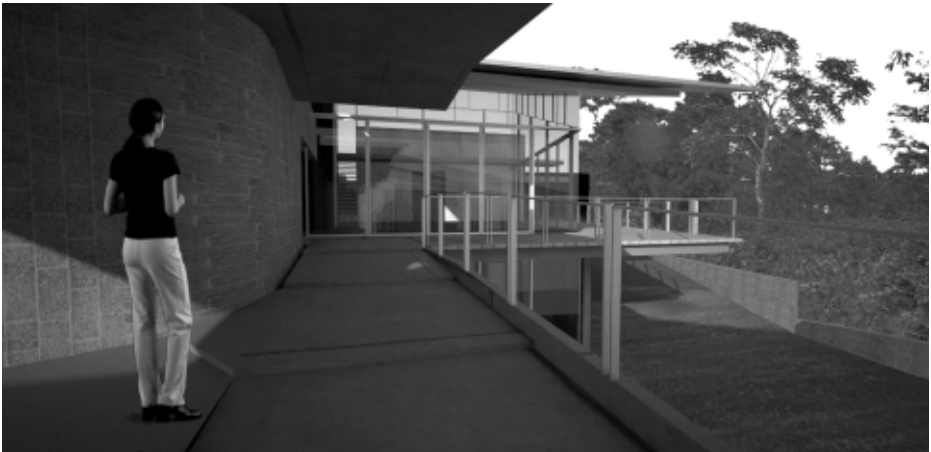
adaptive re-use high-rise culture work environments mixed use visible landmark passive cooling
social engagement civitas craftsmanship urban typologies places of exchange learning density

energy efficiency alternative construction urban design local materials advanced structure special building
community living renewable energy urban engagement leisure & entertainment groundscraper domesticity

S|BAU
[FEATURED WORKS] sbau.info / hello@sbau.info

Leisure Home 01

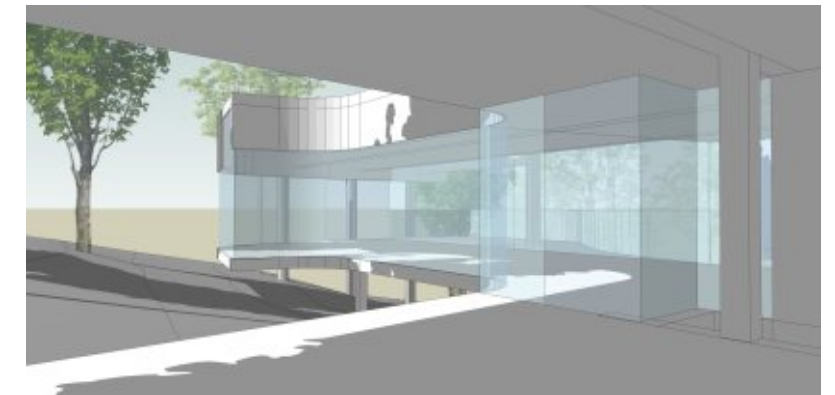
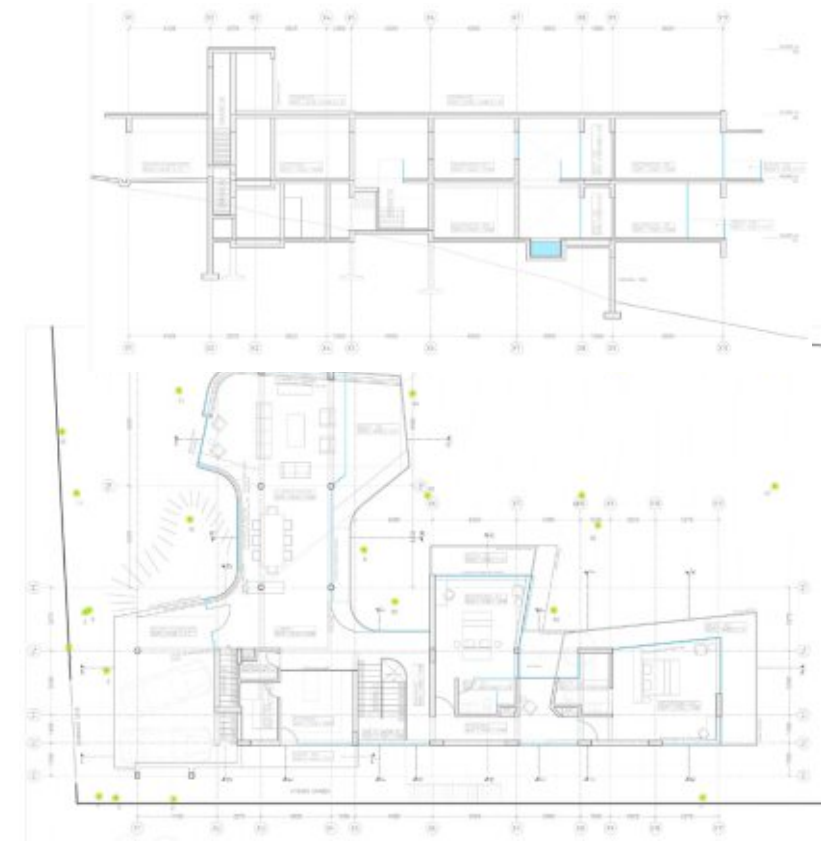
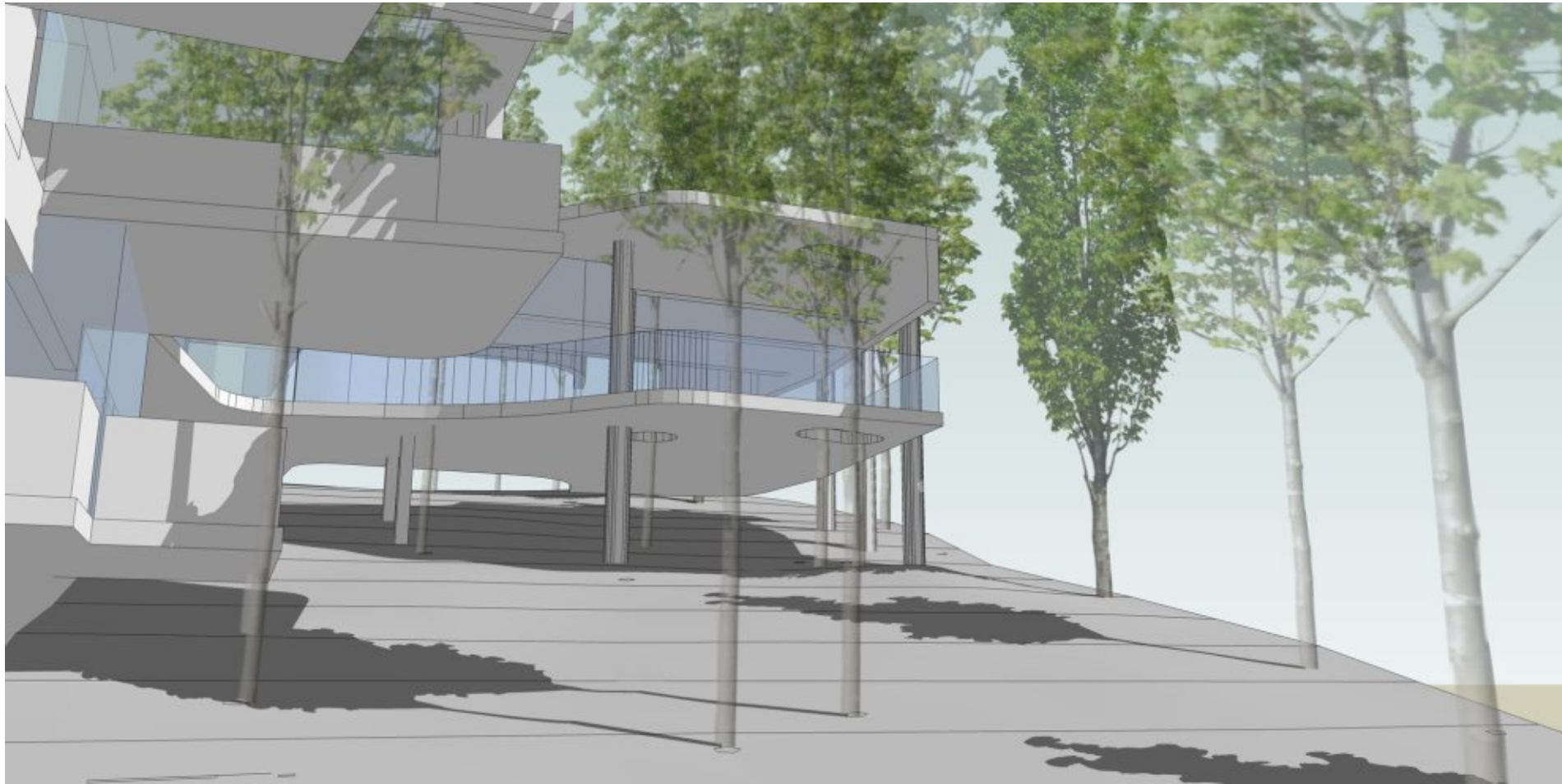
Terekhol, Goa/Maharashtra, India | 2012 - present



A retreat house for a family within a planned complex of independent holiday homes, the house uses locally available laterite masonry construction with lightweight metal roof sailing over creating a network of semi-open spaces that extend the dwelling space into the surrounding landscape and seek to create a porous, diffuse living environment.

Leisure Home 02

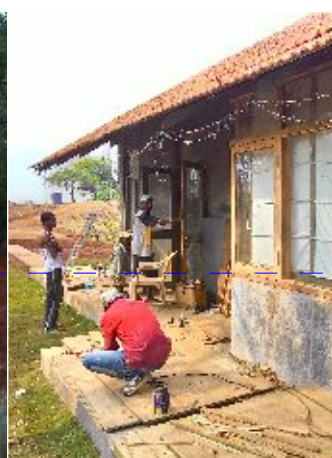
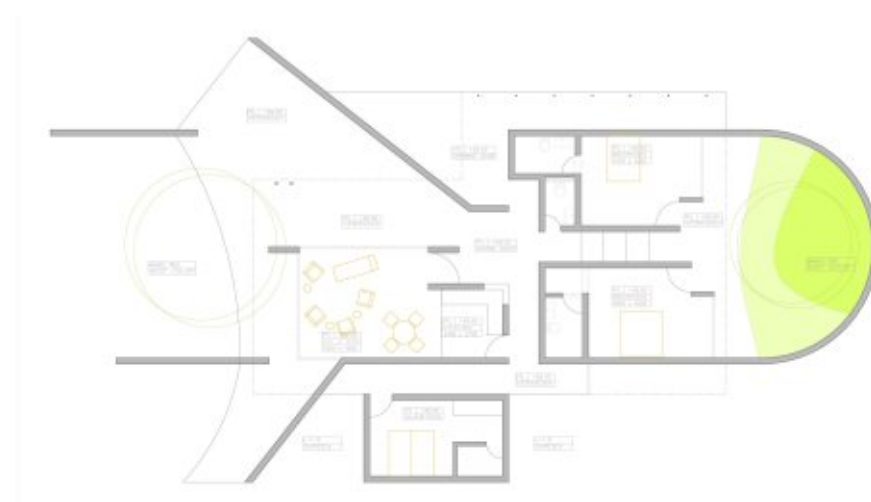
Terekhol, Goa/Maharashtra, India | 2013 - present



This house within a planned gated community near Terekhol makes optimum use of the site conditions such that a compact design is evolved. Climatic factors were considered as well as existing trees on site - all of which are retained. At the same time the emphasis is on maximising connection with outdoors as well as the provision of ample verandah and deck spaces adjoining each room. Large overhangs shade the rooms from sunlight and driving rain. The design evolves along a simple and straightforward circulation strategy to ensure a tight footprint.

Houses in Karjat

Karjat, Maharashtra, India | 2014 - present



This project is a Leisure / Second Home Development spread across an 8 acre plot in Karjat. A series of houses being designed (3 upto now) - each unique in design and details, for discrete parcels of land with unique topographical conditions. The entire site has been brought under a long-term view of ecological restoration, to ensure adequate green cover etc. The first (and smallest) house to be built is currently in process.

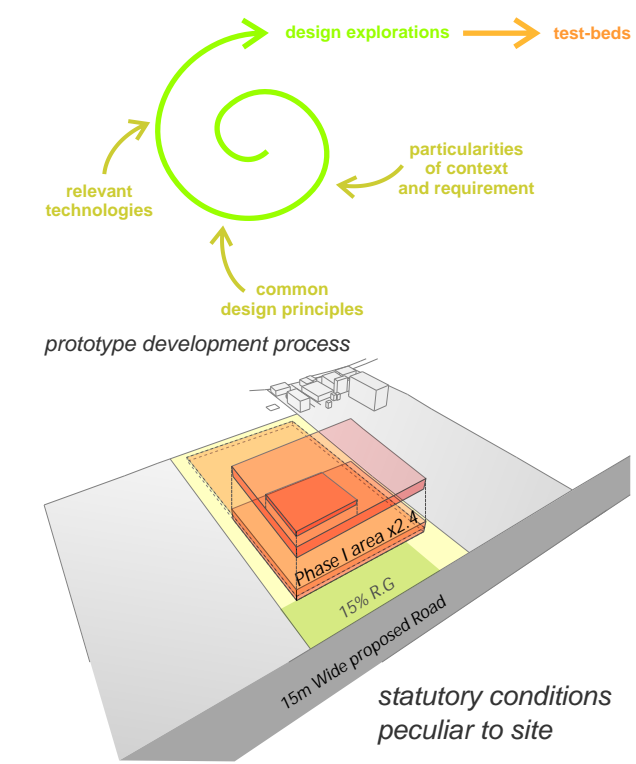
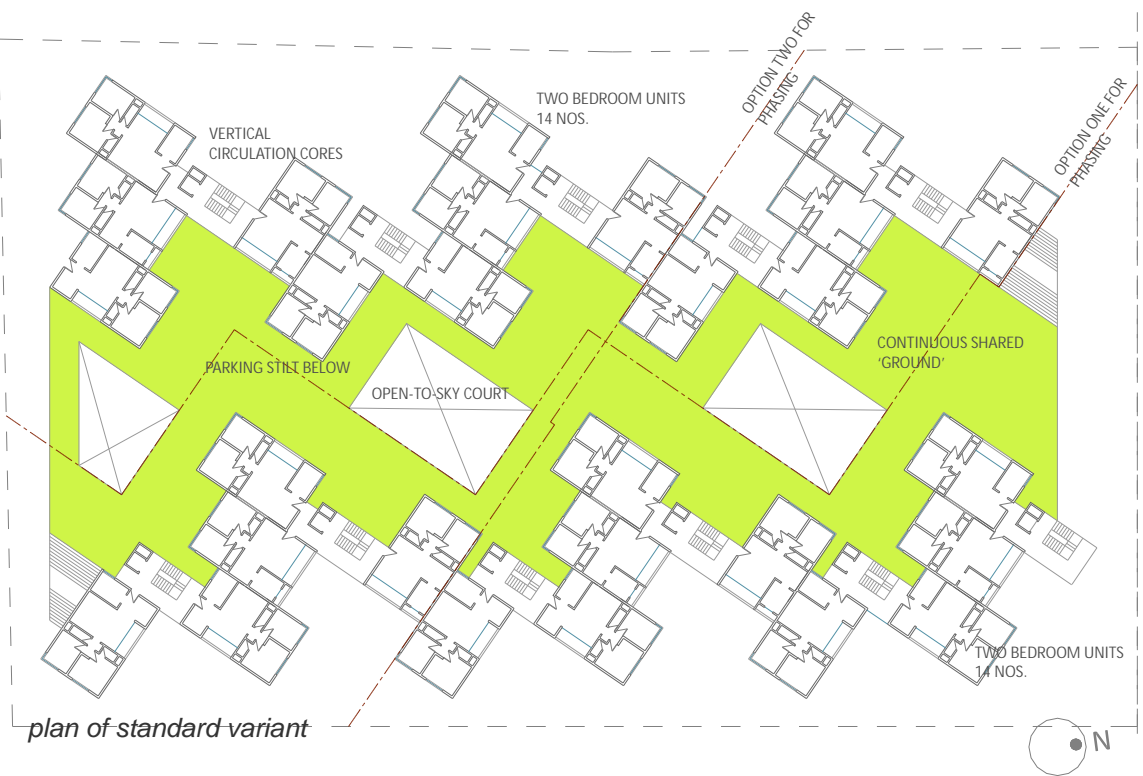
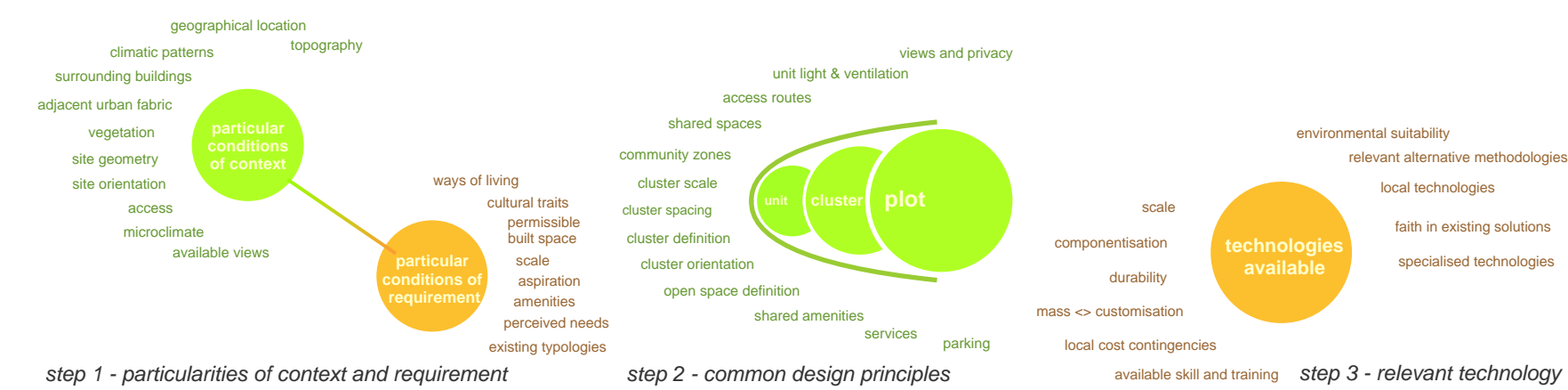


Masterplan with Housing & Community / Mixed-Use Facilities
14-acre Masterplan Including Podium Tower-Blocks, Stilt+7 & Rowhouses,
Phase-1: Construction of 112 units in 3 connected blocks of 2-Bedroom & 3-Bedroom Flats.
Dandupalaya, Hoskote, Bengaluru, India | 2012 - present



Multi-Family Residential Building

Lakkondahalli, Hoskote, Bengaluru, India | 2011 - present



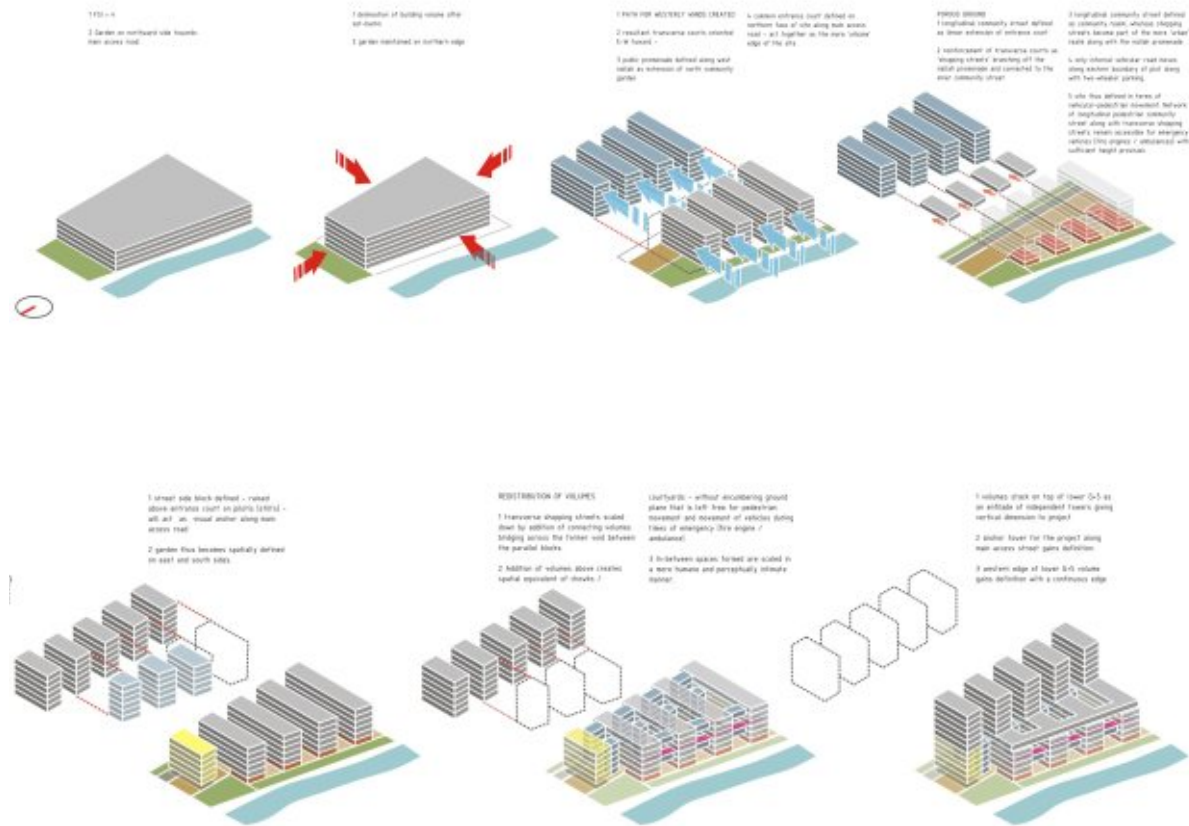
(above and below) stage A design process



(above and below) stage B design process

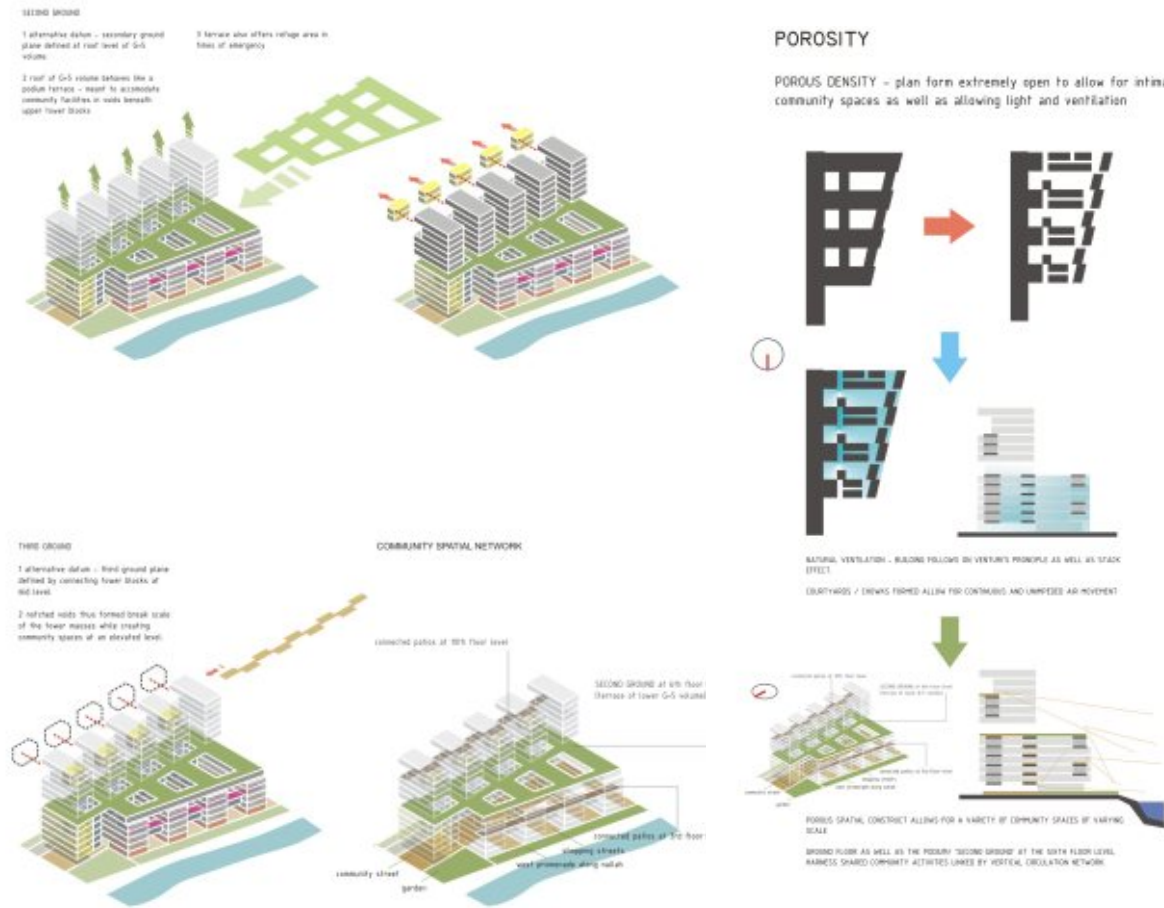
High-Density Affordable Housing

Mumbai, India | 2010



'Second Ground' | MCHI 'Homes for All' National Competition Winning Entry

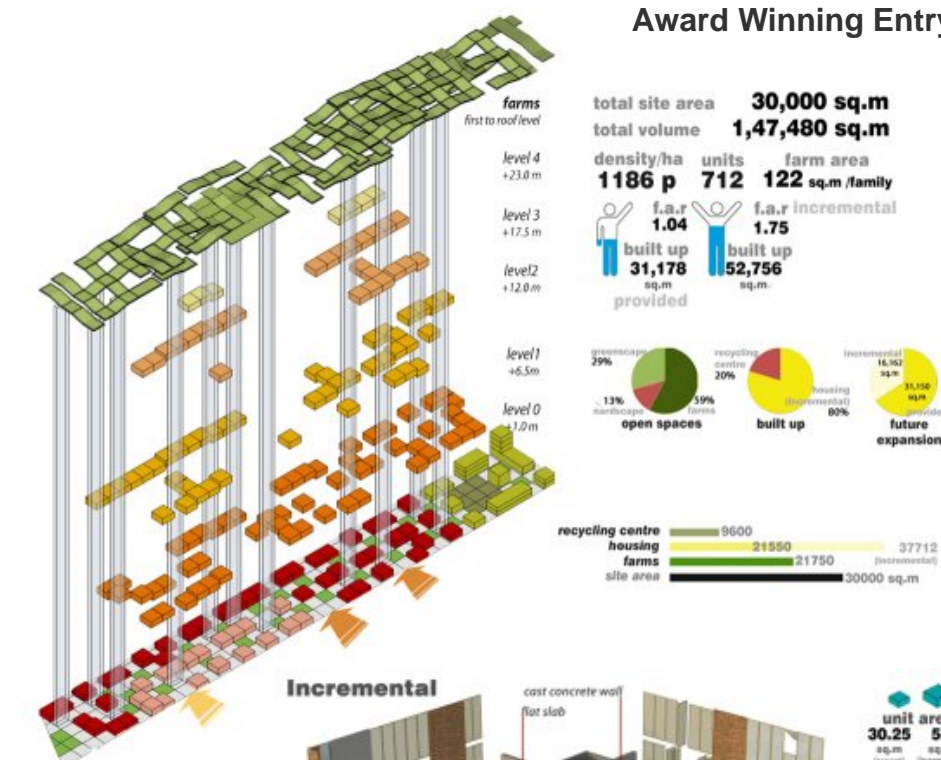
Competition to Design a High-Density Urban Housing Project with FSI of 4. Includes Studio Apartments, 1-Bedroom, 2-Bedroom & 3-Bedroom flats with Ground Floor Community Facilities.



High-Density Urban Farming & Housing

Delhi, India | 2012

'Living Weave' | Horizontal Farms International Competition
Award Winning Entry

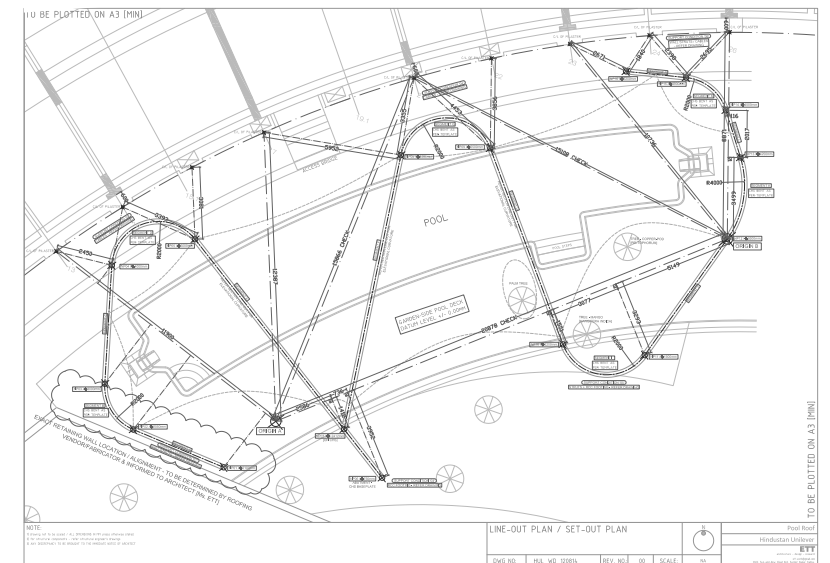
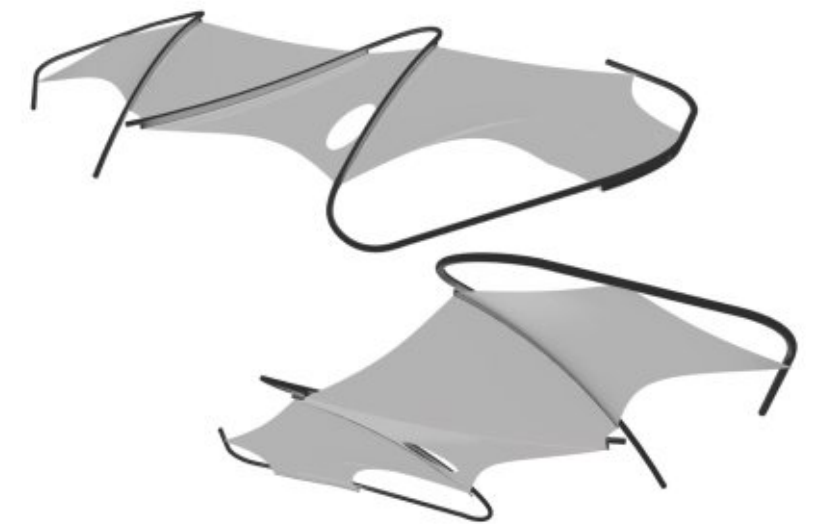
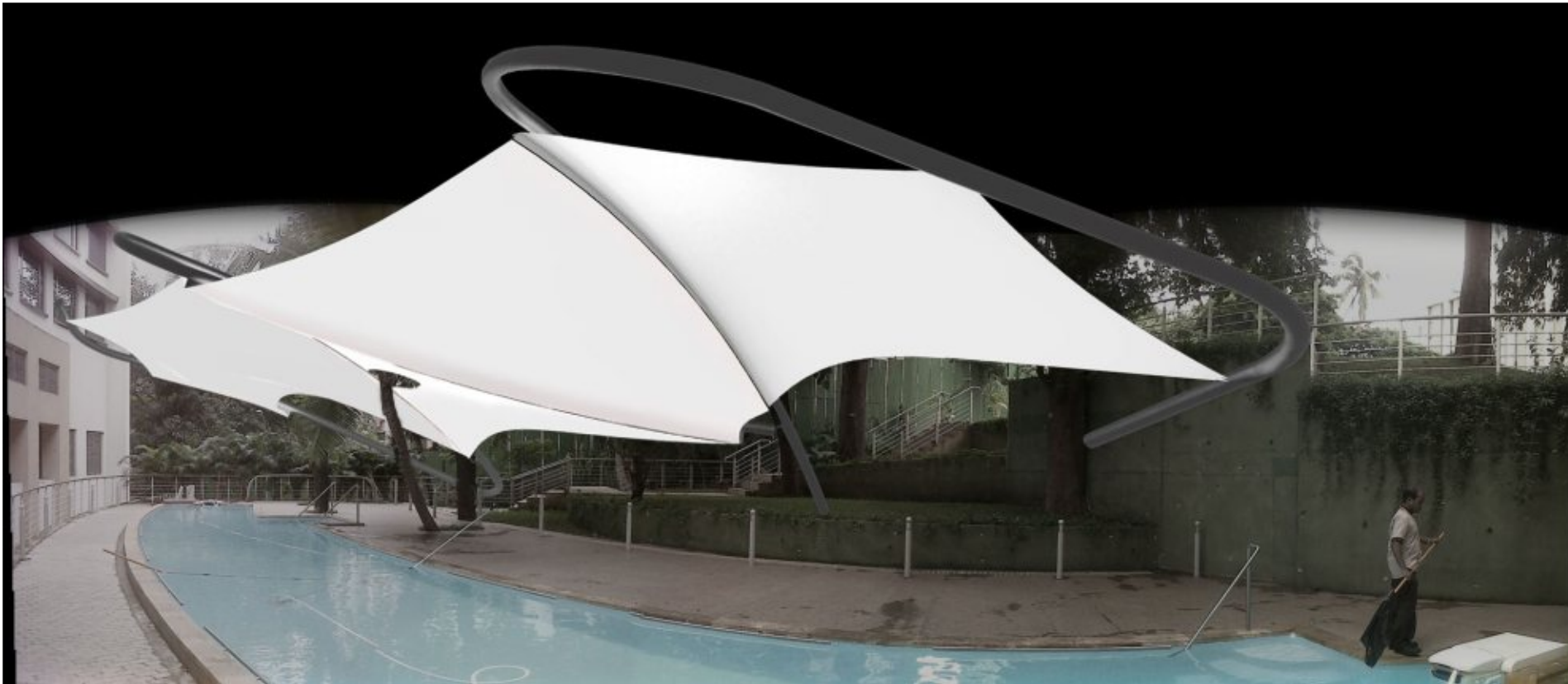


Wetland Interpretation and Community Development Centre

Keshopur Bird Sanctuary, Punjab, India | 2012 - present

Sitting next to a protected wetland, building offers facilities for visitors as well as for local community. Set within ecologically considered landscapes and land contouring.



Lightweight Roof over an Outdoor Pool*Hindustan Unilever Limited, Mumbai, India | 2012 - present*

Located in the Corporate Campus of one of India's leading Consumer Goods companies, the existing outdoor pool serves an on-campus accommodation facility for visitors and guests. A lightweight roof was desired by the clients.

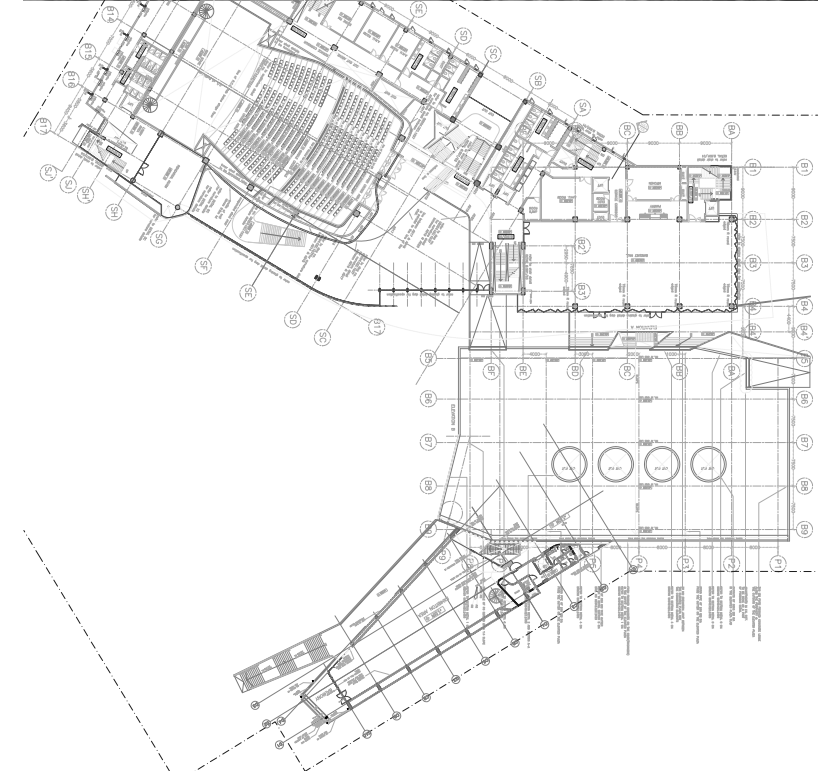
The pool lies between a terraced garden and the aforementioned guestroom building. It was desired that visible supports would need to be avoided to as great a degree as possible. Still in design development phase [while this went to press] a combination of 3 suspension / ties anchored to the building and 3 struts / abutments on the garden side will ensure that support conditions remain as discreet as possible. A languid, sinuous spine beam is supported off this, with the fabric membrane stretched in between.

UNDER CONSTRUCTION

Congress Centre

Navi Mumbai, India | 2007 - present
As Project Heads / Design Architects until early-2010

Executive Architects: RJB-A



The building consists of multi-functional spaces and conference / congress facilities with a 700-seat auditorium -; linked to raised pedestrian & events plaza across to an art gallery and restaurant building. The Raised Plaza is the binding membrane of the project, connecting the wooded South Park with the large, fair-ground-like character of the North Side Park.

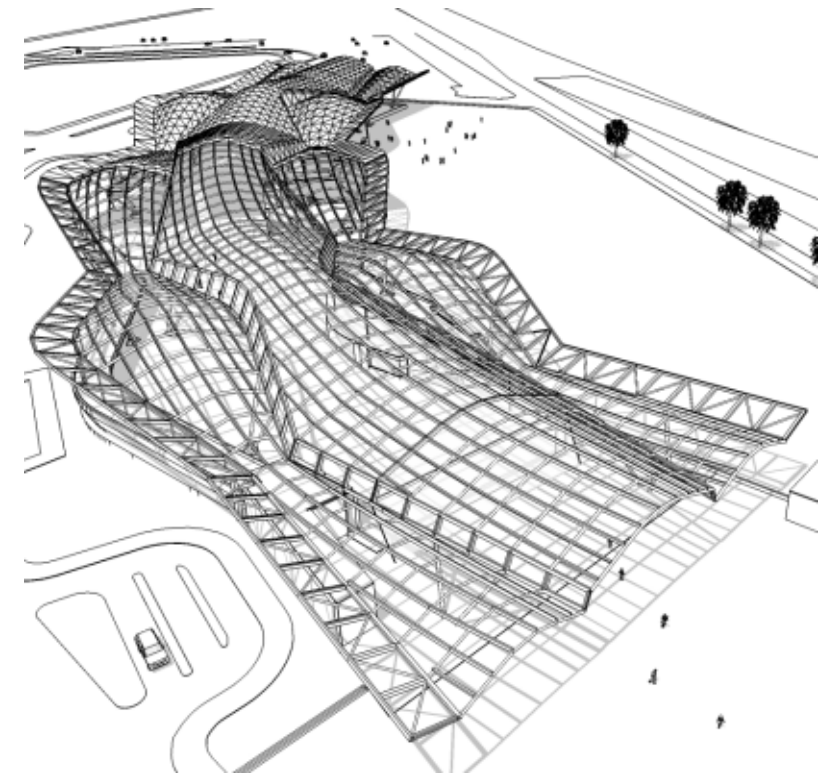
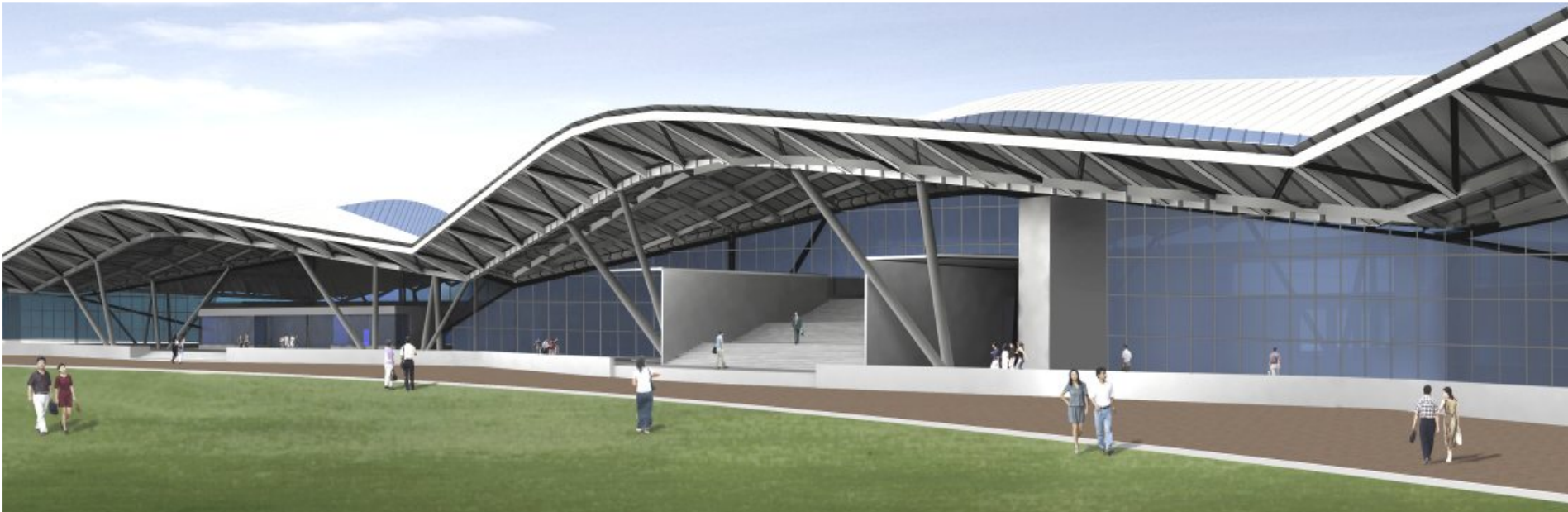
The building is LEED Gold rated and makes use of advanced structural systems and sophisticated spanning techniques to achieve its grand public scale and celebratory exuberance.

UNDER CONSTRUCTION

Exhibition Centre

Navi Mumbai, India | 2007 - present
As Project Heads / Design Architects until early-2010

Executive Architects: RJB-A



This Project is intended to be the new landmark civic space for Vashi, Navi Mumbai as well as for the citizens of the larger metropolis of Bombay/Mumbai. Situated at the entry towards the city of Navi Mumbai, this complex acts as a gateway to the city across the creek.

Intended to serve medium-scaled exhibitions and congress activities, the complex is also inclusive of the public needs of its locale. Besides the mandatory provision of a large column-free exhibition hall of 20,000sqm, meeting rooms, a 600-seat auditorium, banquet and multi-functional halls as well as conference rooms of flexible configurations - the complex also serves the citizens of the city through the provision of its extensive tree-shaded park spaces, public eateries, as well as a public exhibition hall that gives the non-paying public or the general passer-by a sneak preview of the activities of the centre without the disruption of any of the building's obligatory functions.

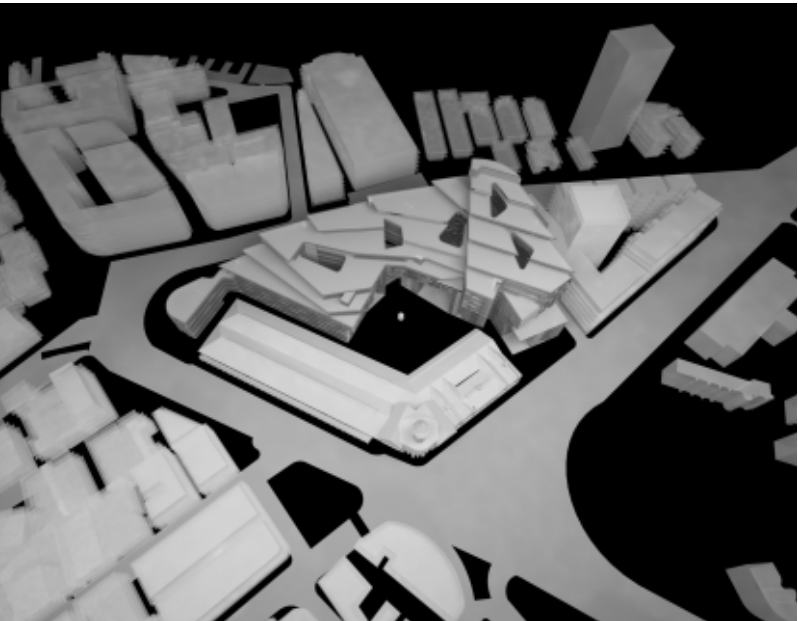
Dense Mixed Use Redevelopment Project

Crawford Market, Mumbai, India | 2010 - present
As Design Architects

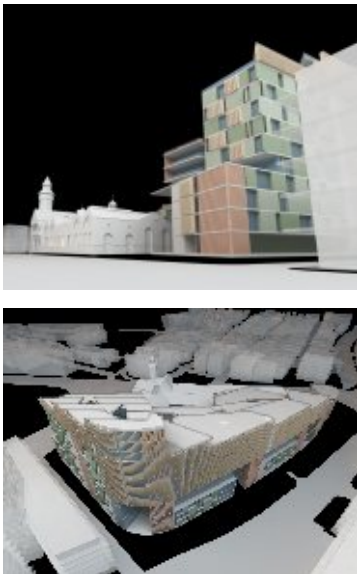
Executive Architects: G D Sambhare & Co



view of new insert with old market building



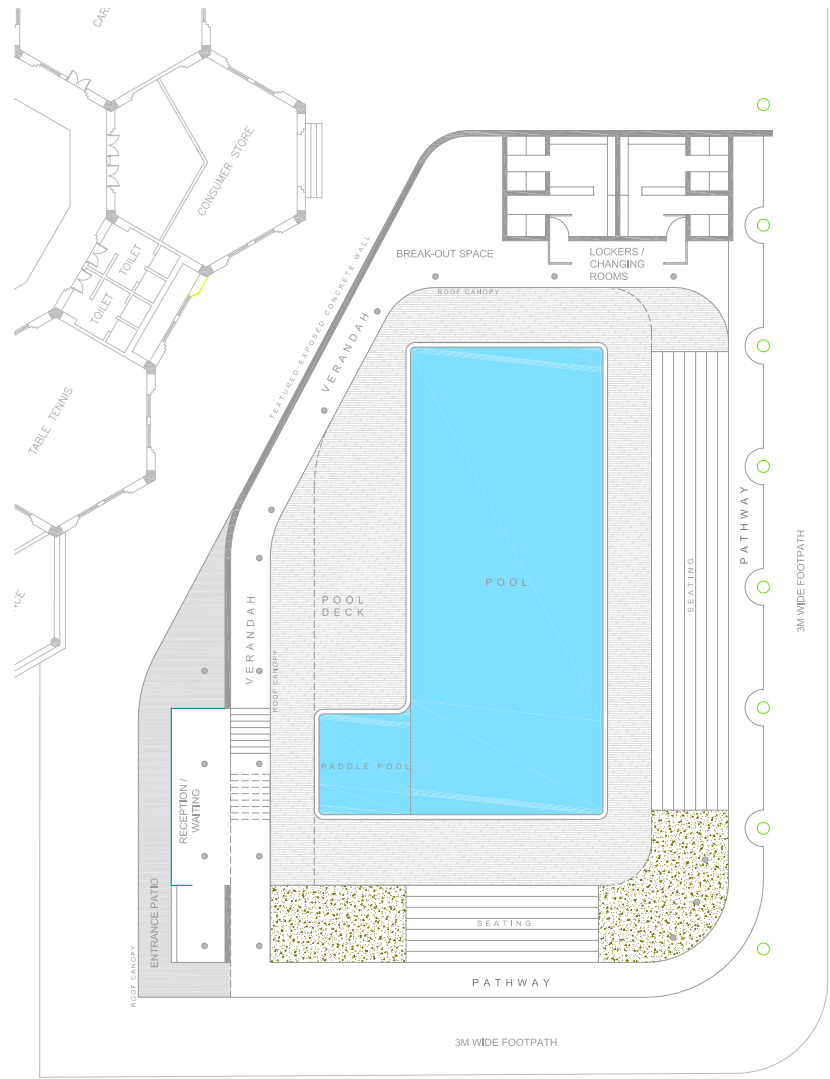
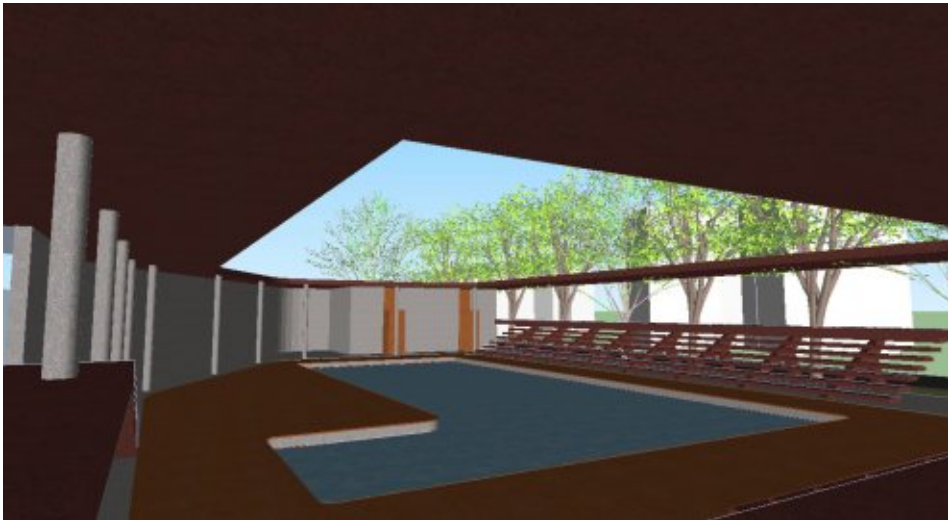
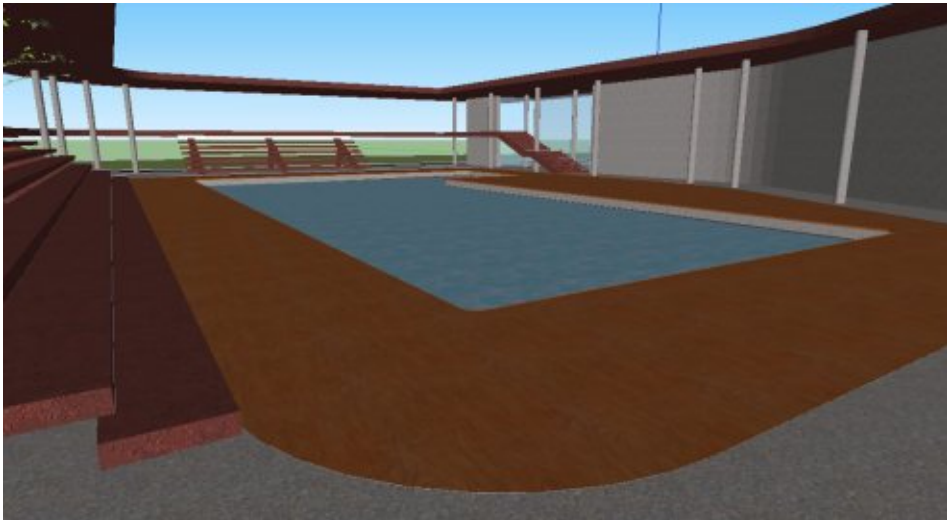
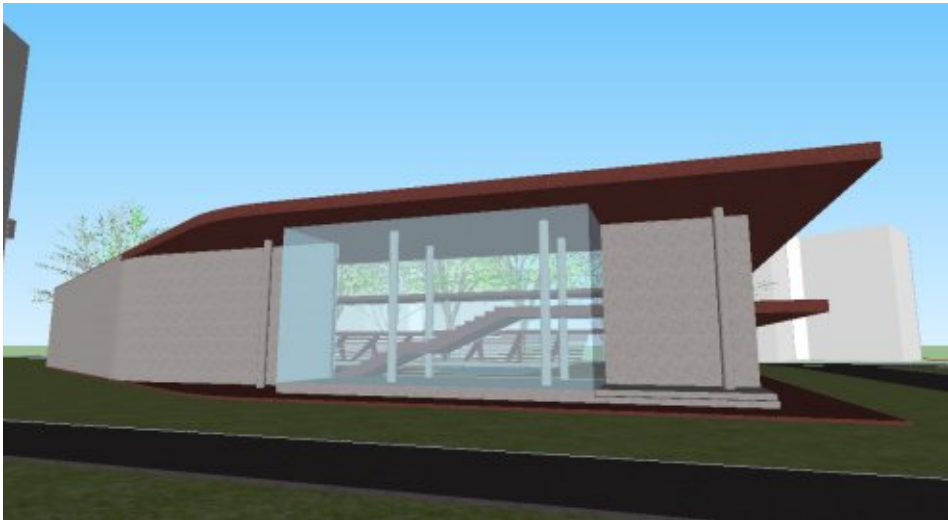
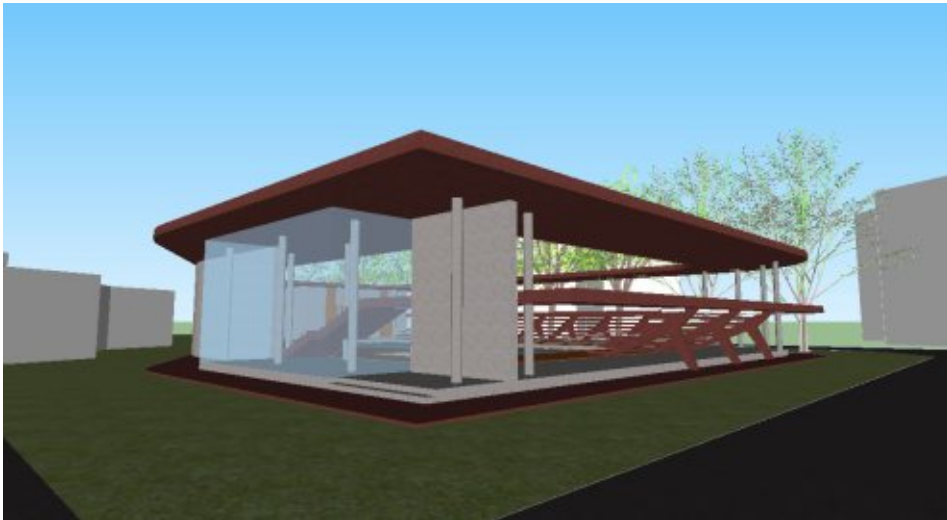
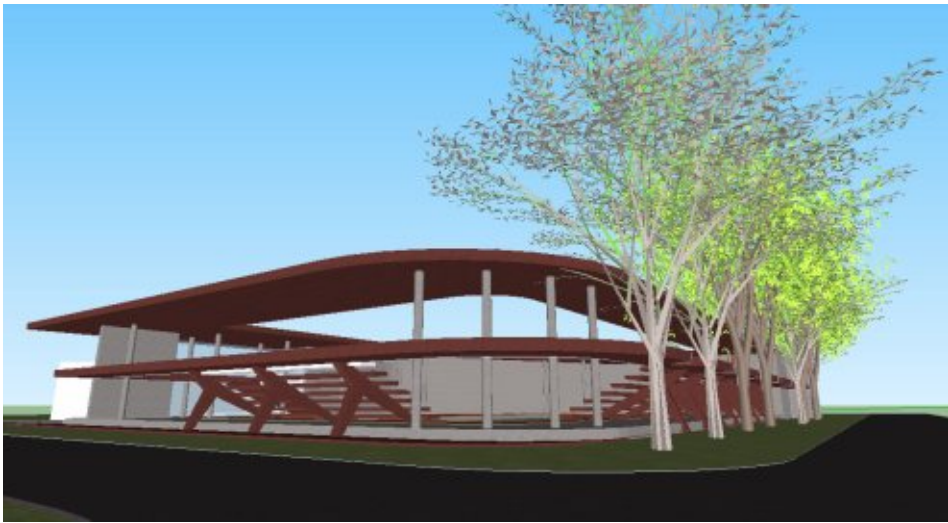
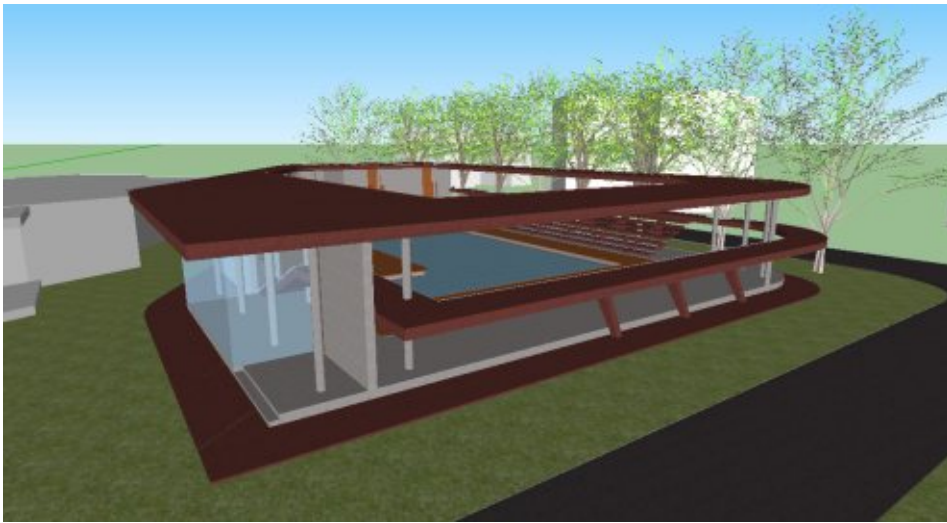
street views



Responding to a complex setting, the design attempts to re-interpret the morphological characteristics and spatial experiences of the dense inner city. The built form can be seen as a manifestation of indeterminate spatial conditions: inside/outside, above/below, enclosed/expansive, tall/short, into/out-of - conditions that are experienced everyday while walking through the inner city. A central courtyard forms the spatial focus, bounded by a historic building to which the new infill becomes a counterpart. A key focus of the project is the evolution of an understanding of possible design strategies within dense and seemingly chaotic inner city settings.

Outdoor Swimming Pool Complex

Tata Wires Housing Colony, Tarapur, India | 2012 - present

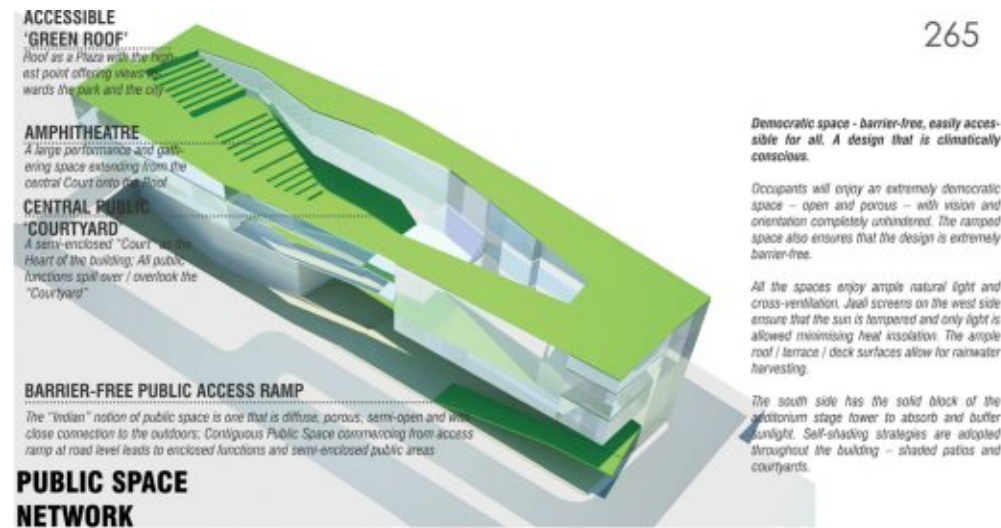
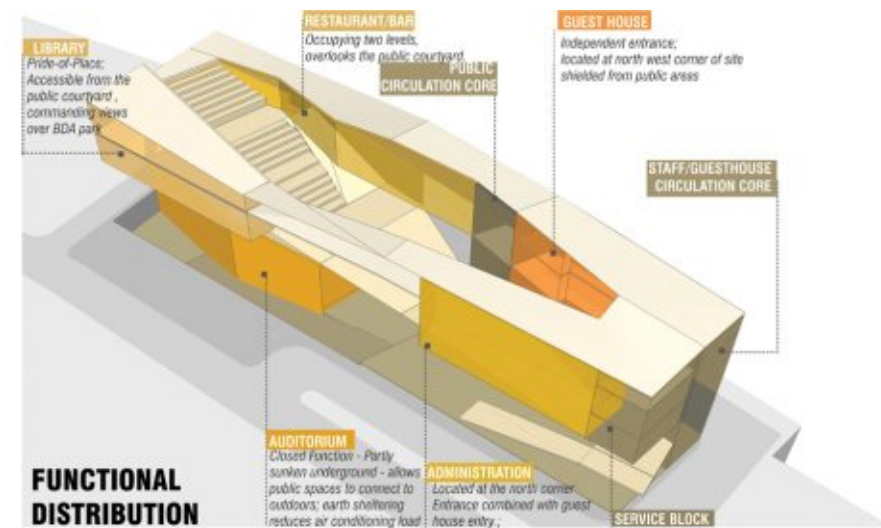
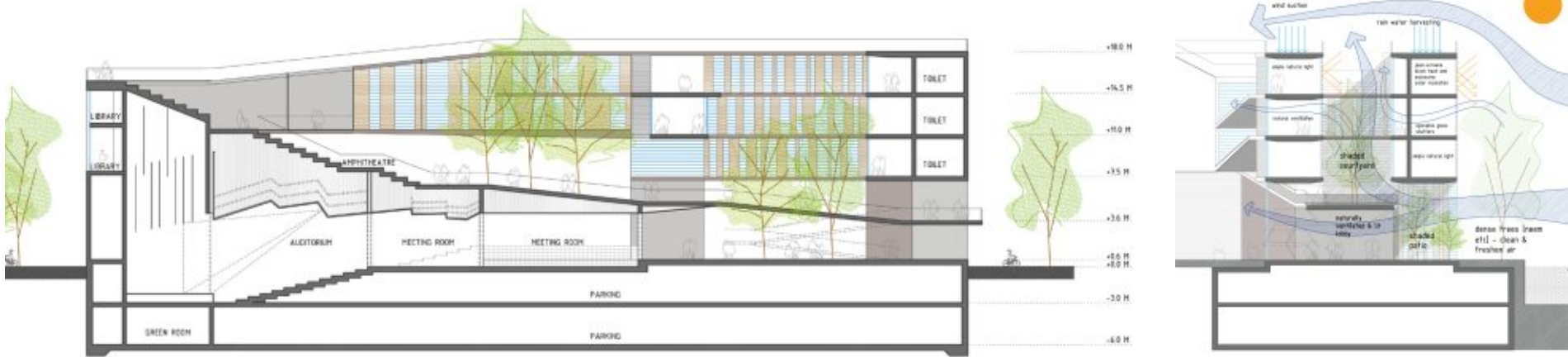
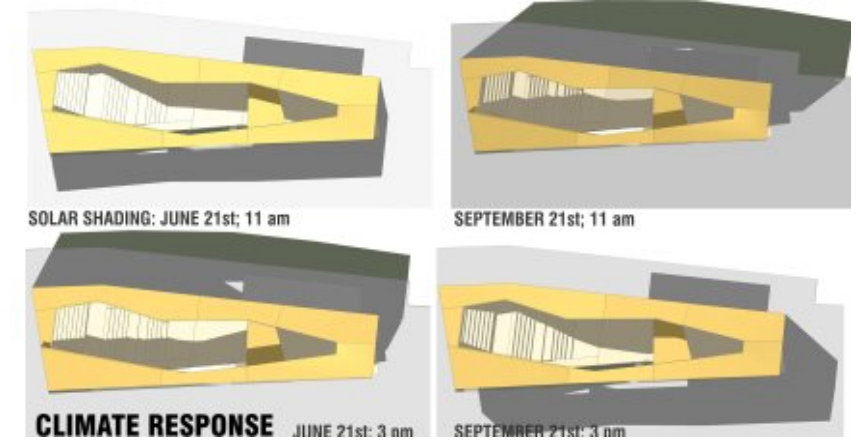
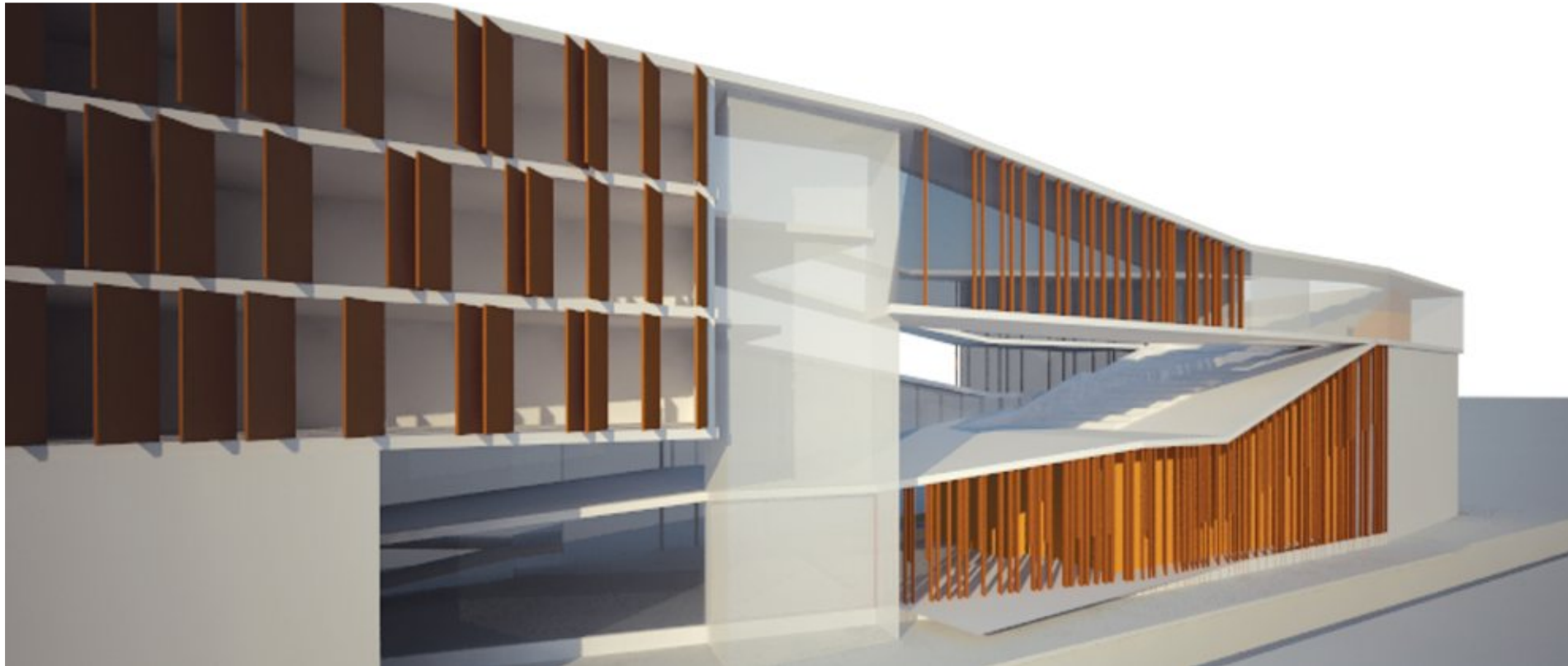


Located in the Housing Colony Campus of one of India's leading manufacturing companies, the new outdoor pool complex is meant to serve the residents and staff as well as become a focus of social activities and community interaction. The new pool complex will sit next to the existing community centre and will serve to create an open and welcoming atmosphere.

The swimming pool is surrounded by a low-slung building that creates a horizon against the lush green open surroundings. Two kinds of concrete shall be used - the regular grey concrete as well as terracotta-pigmented concrete. The subtle contrast between the two materials shall enhance the natural surroundings and give the building its sense of place.

Cultural & Civic Centre

Bengaluru, India | 2012



The new Bangalore International Centre will become the focus of cultural activities within the city. As such it should project itself as an open and inviting centre for people of all ages to be stimulated and enriched.

Thus it needs to be an exciting and uplifting place to be in – to draw in performers and the public. The narrow site makes planning a challenge – as such the design evolves from the site and specific responses are adopted that make it rooted to its place.

The 'Porous City Weave' is conceived thus – public spaces are made extremely visible and are woven into the building's activities. From the main entrance lobby in the centre of the plan, a ramped promenade / deck leads one up all the way up to the terrace garden – via courtyards and the open air theatre that is nestled in the heart of the complex. Thus the building's inner core is an open, spacious, shaded public space open at all times and during all seasons.



Lights of the Valley Forest: Daegu lies within a gentle bowl of land defined by the surrounding forested hillslopes. We wanted the landscape of this valley to become the building. The geography of the place thus shapes a new trough-shaped public space. A public space that through its metaphorical character shall strike a deep connect to the city's geography and the hills beyond.

We wanted this public space to define the nature of the new Daegu-Gosan Library - a building shaped by the landscape and geography. We placed this free space at a height, such that its simple and powerful message becomes the building's significant urban gesture. This trough is accessed through a zig-zag mountainous path.

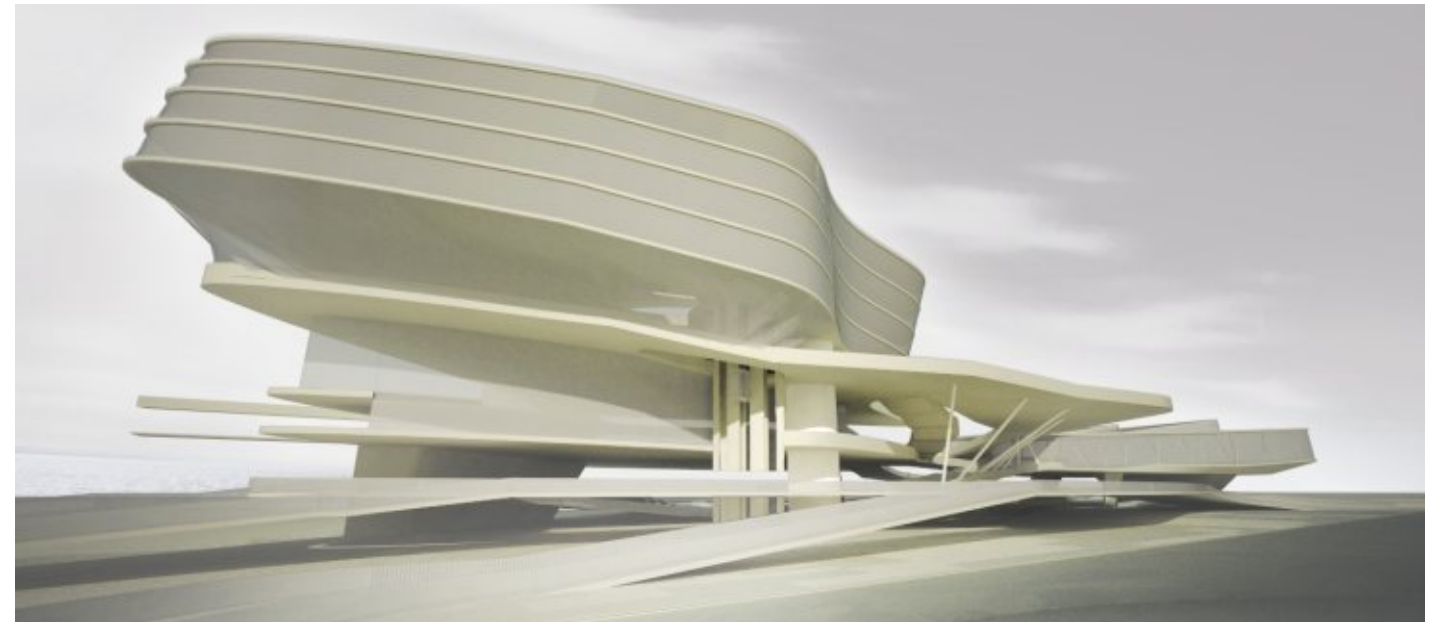
Under this trough-shaped public space, the landscape of the library is now defined. We wanted the experience of forest slopes. Of cascading undulating streams making their way amidst the trees. Of hillsides that can be climbed. Of a strange and mysterious inner world filled with joy, discovery and a serenity removed from the hustle-bustle of the metropolis.

We wanted this mysterious world to be bathed in a beautiful light. A light that is strange and soft. That is all-encompassing and is a constant soothing presence. Like the dappled light filtering through a thick tree canopy in the forest. But a light that is textured, varied and joyous too. Maybe like lanterns during the festival that hang in the sky defining an in-between firmament. This shall define a space that is not only filled with the joy of discovery, but is also a sanctum.



Library & Civic Centre
Daegu-Gosan, Korea | 2012
Design: Suprio Bhattacharjee

Facade: Dhara M, Suprio B
Competition Team: Dhara M, Sonali P, Suprio B, Jude D



'Liquid Physics' is the response to the competition brief for a port terminal and administrative facilities for the Taiwanese city of Kaohsiung. The design attempts to resolve the intertwining of the ocean and the city by embodying the experience of the ocean and ocean-travel through its immersive spatiality and a sense of freedom, open-ness and vastness. The main terminal facility hovers over a fluid landscape of transportation infrastructure and de-territorialised public urban space leading to the quayside - the two connected primarily by a pair of ramps that carry the flow of opposing streams of people between city and ocean; whilst offering the casual citizen the opportunity to access the roof deck over the terminal that becomes a park / playground for the city at the edge of the water - a landscape from where to connect to the sea in the distance. The building would offer its users and experiencers the sense of being on the 'high-seas' - surrounded by a sense of vast-ness, open-ness - the sense of an imperceptible immersive whole; the sense of being humbled and dwarfed by the infinite horizon of sea and sky - the sense of being submerged, immersed, weight-less, buoyant - one amongst many others - swirling around oneself.

International Port Terminal
Kaohsiung, Taiwan | 2010

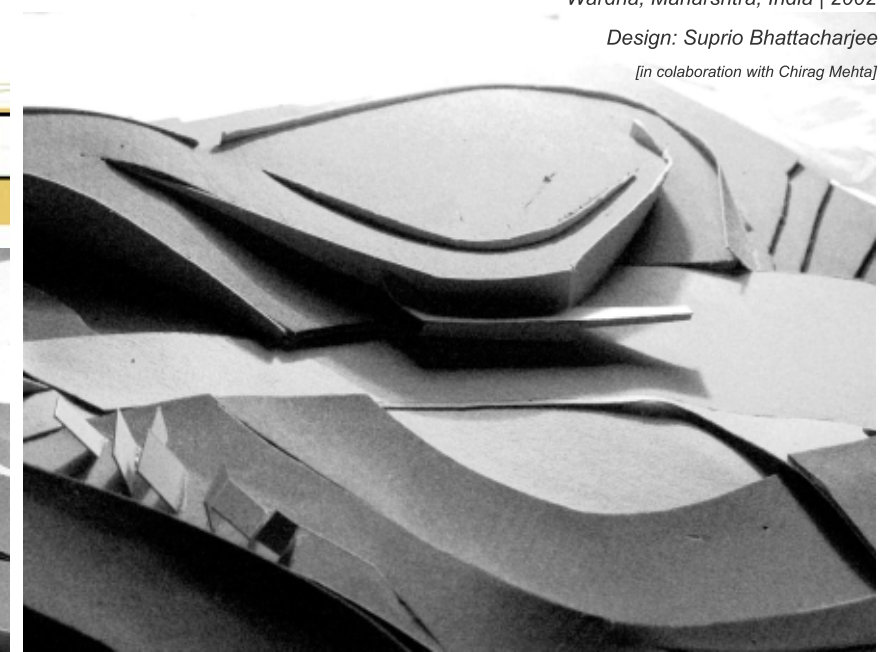
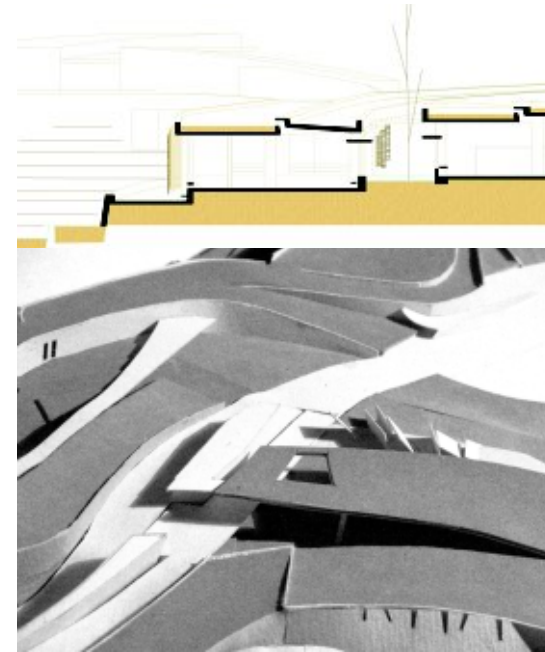
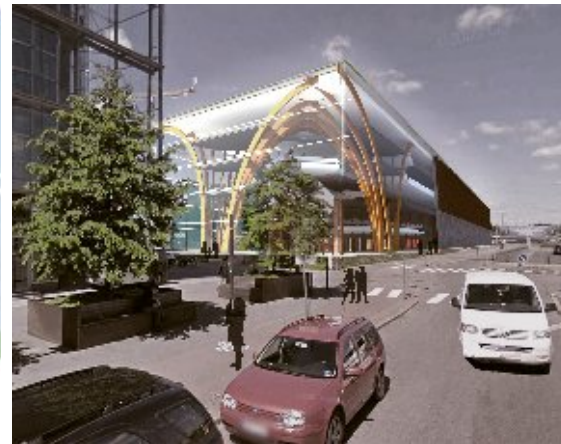
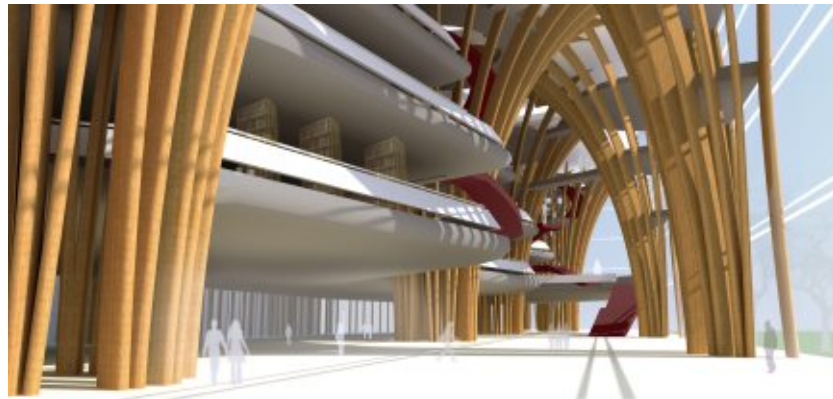
Design: Suprio Bhattacharjee

Competition Team: Bhavya V, Vittal S, Suprio B, Jude D



Selected Other Works

Various Locations | 2002 - 2012

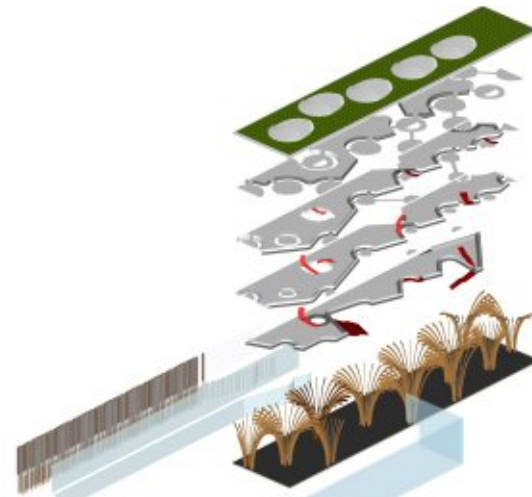
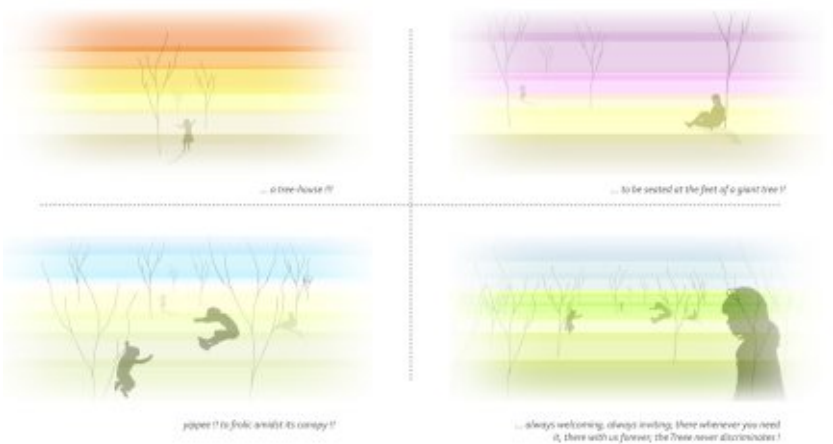


Mahatma Gandhi International Hindi University

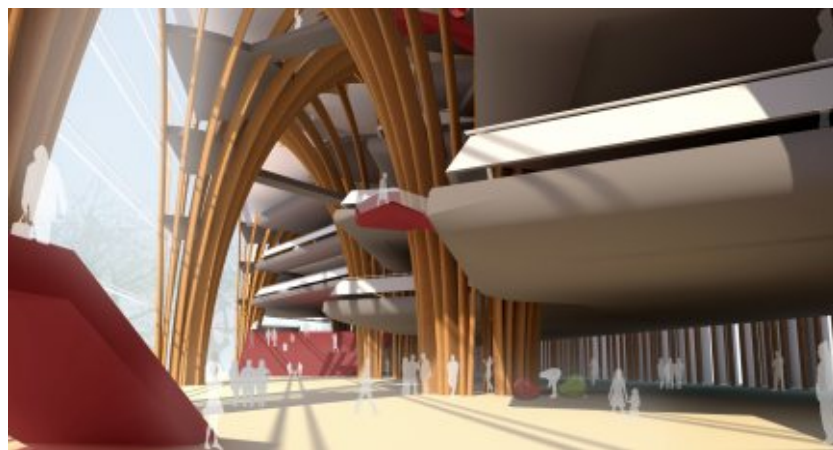
Wardha, Maharashtra, India | 2002

Design: Suprio Bhattacharjee

[in collaboration with Chirag Mehta]



In this forbidding arid climate, the University is conceived as a refuge from the inhospitable elements. Taking cues from the powerful landscape of the Deccan Plateau, and its violent formation through geological activity, the university itself is envisioned as a new geo-spatial layer over this pre-existing landscape. Taking advantage of the natural contours of the hillock, the buildings are set along the slopes - conceived as an extension of the landscape. Sunk into the ground, or earth-bermed to increase thermal mass and passive cooling, these buildings offer occupants a vast, cool interior spatial domain that remains open and light-filled through the insertion of self-shaded courtyards, roof overhangs, jaalis and screens, ramped accessways, raised buildings with vast open underbellies, and judicious use of external openings to prevent the negative effects of the hot dusty winds. Materials such as local basalt and mass as well as reinforced concrete form the major building materials in this barren and desolate landscape.



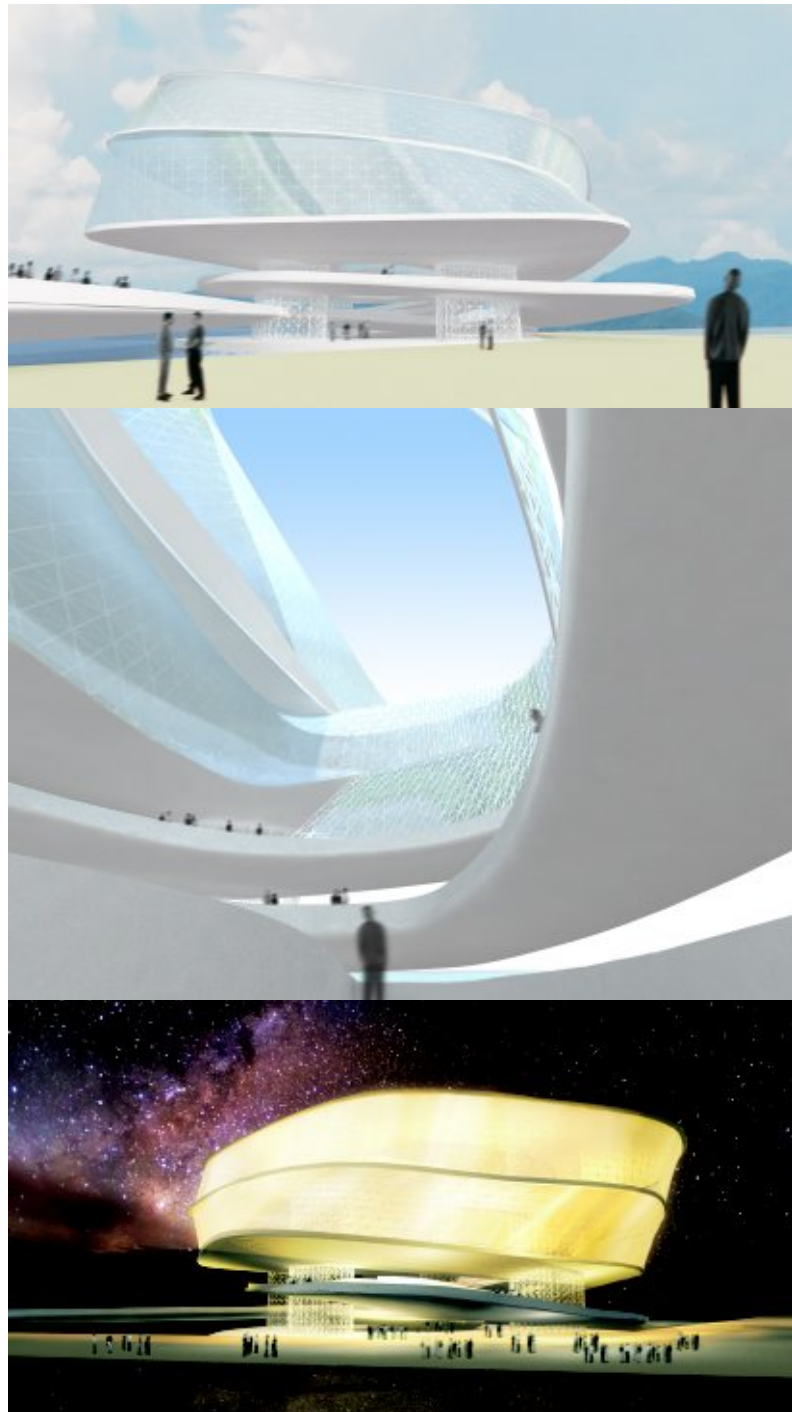
The Helsinki Central Library is designed as a response to the city's rich natural heritage. The building is conceived of as a 'forest of knowledge' - with large glulam timber 'trees' supporting the roof, enmeshed with a tiered, landscape-like arrangement of stacks, reading areas as well as other library facilities that is inspired by Helsinki's coastline and the lakes of the hinterland. The building is designed to conceptually fulfil the highest energy ratings as per US and European norms.

Central Library

Helsinki, Finland | 2012

Design: Suprio Bhattacharjee

Competition Team: Dhara M, Sonali P, Suprio B, Jude D



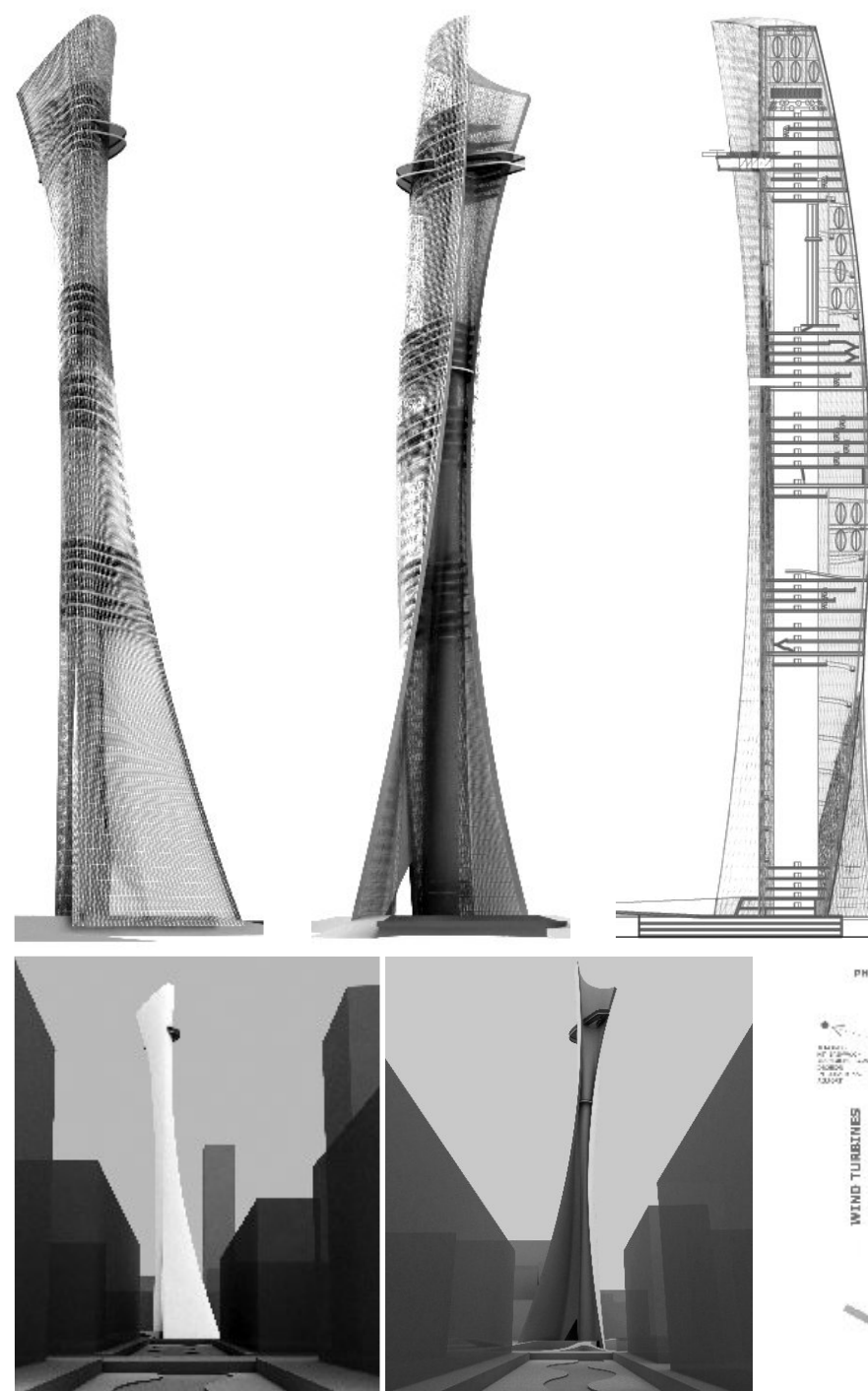
Theme Building for Expo 2012
Yeosu, South Korea | 2009

Design: Suprio Bhattacharjee

Competition Team: Suprio B, Jude D, S Shetty

The organisers of the Expo 2012 in Yeosu, South Korea, sought a building to anchor the expo site on a landfill by Yeosu Bay, as well as a building that could evolve over time to house exhibitions and research facilities - as such an undetermined program.

Taking myriad cues from the geology of the site, cultural meaning, ancient depictions of the landscape of the Korean Peninsula, as well as deep sea marine creatures, the building evolves as a [seemingly] endless spiral journey that unfolds from the seafront promenade along two intersecting ramps, over the bay waters, and into the glowing, translucent building body. The bridge-like ramps span between four structural and service cores and are stabilised by a stressed steel mesh in a continuous thermally-stabilising void between an inner and outer ETFE membrane.



Sustainable Landmark Observation Tower
Cheongna, Incheon, Korea | 2008

Design: Suprio Bhattacharjee

Competition Team: Harshad Sutar, Harshal Prabhu, Suprio B, Vidya Raghu

'T[p]OWER/plant' integrates three apparently disconnected ideas: the objectified landmark 'tower', a 'plant' in the sense of a nascent frond that has just pushed through the ground in search of the sun, and a 'power plant' that produces energy from certain resources, this design for Cheongna's signature building is meant to project an image of renewed responsibility and sensitivity to the environment. It is intended that the building harnesses its own energy from a renewable resource such as wind by the installation of VAWTs [vertical axis wind turbines] - the city lies along the coast - as well as a roof-level array of photovoltaic panels. The building is thus intended to mark a shift toward self-sufficiency. In addition it would also make for an ever-changing presence in the skyline when seen from various parts of the city - its twisting, asymmetric geometry responding to views toward distant mountains, the intersection of a narrow pedestrian axis with a broad swathe of parkland, and the trajectory of the sun. The gauze like structure shifts from seeming opaque-esque to transparent, and the broad base opens up to the city.

