

# **ARCHITECTURE PORTFOLIO**

**DEEP VARMA**

Work Experience  
Academic Workshops



## DEEP VARMA

deep.varma.140895@gmail.com

COA Number - CA/2021/136223

+91 87 58 50 3609

### About me

Exploring the possibilities of designing spaces that go beyond the physical built environment of architecture is my key interest. For me Architecture is just a foundation step towards art and design. A person with passion for Traveling, Exploring, meeting new people and experiencing different journeys i have always thrived on building experiences that involve and enhance all of our senses.

My passion for gaming keeps me on a competitive edge that makes me strategically question my every move while designing. Being a strategic planner along with thinking on my feet is what creates my intuitive designs that are backed up with possibilities on all sides.

### Education

**B.Arch** - IDEA, Indus University

**HSC** - Delhi Public School  
Bopal, Ahmedabad

**SSC** - Delhi Public School  
Bopal, Ahmedabad

### Currently Curious About

Architecture of Fiction and Entertainment  
Parametric Architecture  
Cinematography  
Literature

### Key Skills and Attributes

Research and Literature  
Communication and Listening  
Exploration with Materials  
Multi-Disciplinary Art Forms  
Real Estate Development  
Creative and Strategic Thinking  
Design Development and Detailing  
Sustainable and Energy Efficient Design  
Critical Thinking and Decision Making on site  
Passive and Regenerative Architecture Design  
Integrated Design approach and Collaborations

### Software Skills



### Hobbies



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## Work Experience

### Modo Designs - September 2020 to Till Date

#### Key Responsibilities are to

Conceptualize, Design and develop detail drawings.  
Manage a team of architects and engineers involved in the project.  
Coordinate and negotiate with various consultants involved in the project.  
Manage progress at site with periodic site visits and meetings.  
Attend client meetings to understand the design framework.  
Redesign office system for detail drawings and presentation drawings.  
Overlook all on going projects of office from design to execution.  
Manage, Teach and Delegate Freshers and Interns within the firm.

#### Key Projects

Ranaga House, Ahmedabad, India

Corporate House for Samarth Developers on a 5000sq.yds. plot.

Glade One, Sanand, India

Weekend Home Typologies for B Safal's Galde One-Golf Resort.

Avant- Evolved Eco Living, Ahmedabad, India

High End Residential Housing 50 4BHK+ Flats by Ravi Desai Signature Real Estate

Zaveri Corporate House, Ahmedabad, India

Corporate House for Zaveri Reality at Bopal-Ambli Road, Ahmedabad.

Ankit Patel House, Shilaj, Ahmedabad, India

Weekend Home on a 7000sq.yds. plot near Unnali, Shilaj, Ahmedabad

Kaivan Shah House, Ahmedabad, India

First Home for Kaivan Shah's Family on plot (2300sq.yds.) off Sindhu Bhavan Road, Ahmedabad

### Other Projects

#### Residential

Tej Shah House (First Home)  
Altius Vibe (Housing)  
Adani Villas (Housing)  
Sarva Patel House (First Home)  
Aashil Shah House (First Home)  
Sanajana Dalal House (First Home)  
Pratik Sheth House (First Home)

Kush Bakeri House (First Home)  
Poojan Patel House (First Home)  
Mehta Weekend House (Farm House)  
Dhruv Roshani House (First Home)  
Bhavin Shah House (First Home)  
Bhargav Shah House (First Home)

#### Competitions

Sports Club  
Indian Red Cross Society

#### Collaborations

Studio Arur - Antanshitij House  
Amrapali House  
Open Spaces - Antarshitij House  
Design Studio Kalhaar bungalow

# Work Experience

Modo Designs - September 2020 to Till Date

**M O D O     D E S I G N S**  
ARCHITECTURE/ INTERIOR DESIGN

Date – 1 – 11 - 2020

## Experience certificate:

This is to Certify that **Mr. Deep Varma** is working with our Architecture firm, **Modo Designs**, from September 2020. Initially Joined in as a fresher Deep has excelled as a senior architect of our firm within these 2 years that he has been with us. Following list of projects comprises of the parts and parcels Deep Varma worked on as a part of Modo Design's Team:

### 1. Working Drawings-

- Ranaga House, Corporate House, Ahmedabad
- Glade One, Week-end Home, Sanand
- Avant Apartments, Housing, Ahmedabad
- Ankit Patel House, Residential, Unnali
- Zaveri Corporate House, Corporate House, Ahmedabad
- Kaivan Shah House, Residential, Ahmedabad
- Tej Shah House, Residential, Palodia
- Altius Vibe, Housing, Ahmedabad

### 2. Design Development-

- Indian Red Cross Society, Institution, Ahmedabad
- Sanjana Dalal House, Residential, Ahmedabad
- Chintan Mehta House, Residential, Unnali
- Dhruv Roshani House, Residential, Ahmedabad
- Bhavin Parikh House, Residential, Ahmedabad
- Adani Villas, Housing, Ahmedabad
- Ranaga House, Corporate House, Ahmedabad
- Glade One, Week-end Home, Sanand
- Avant Apartments, Housing, Ahmedabad
- Ankit Patel House, Residential, Unnali
- Kaivan Shah House, Residential, Ahmedabad

Yours Sincerely,

**ARPAN SHAH**



Principal,  
**MODO DESIGNS**

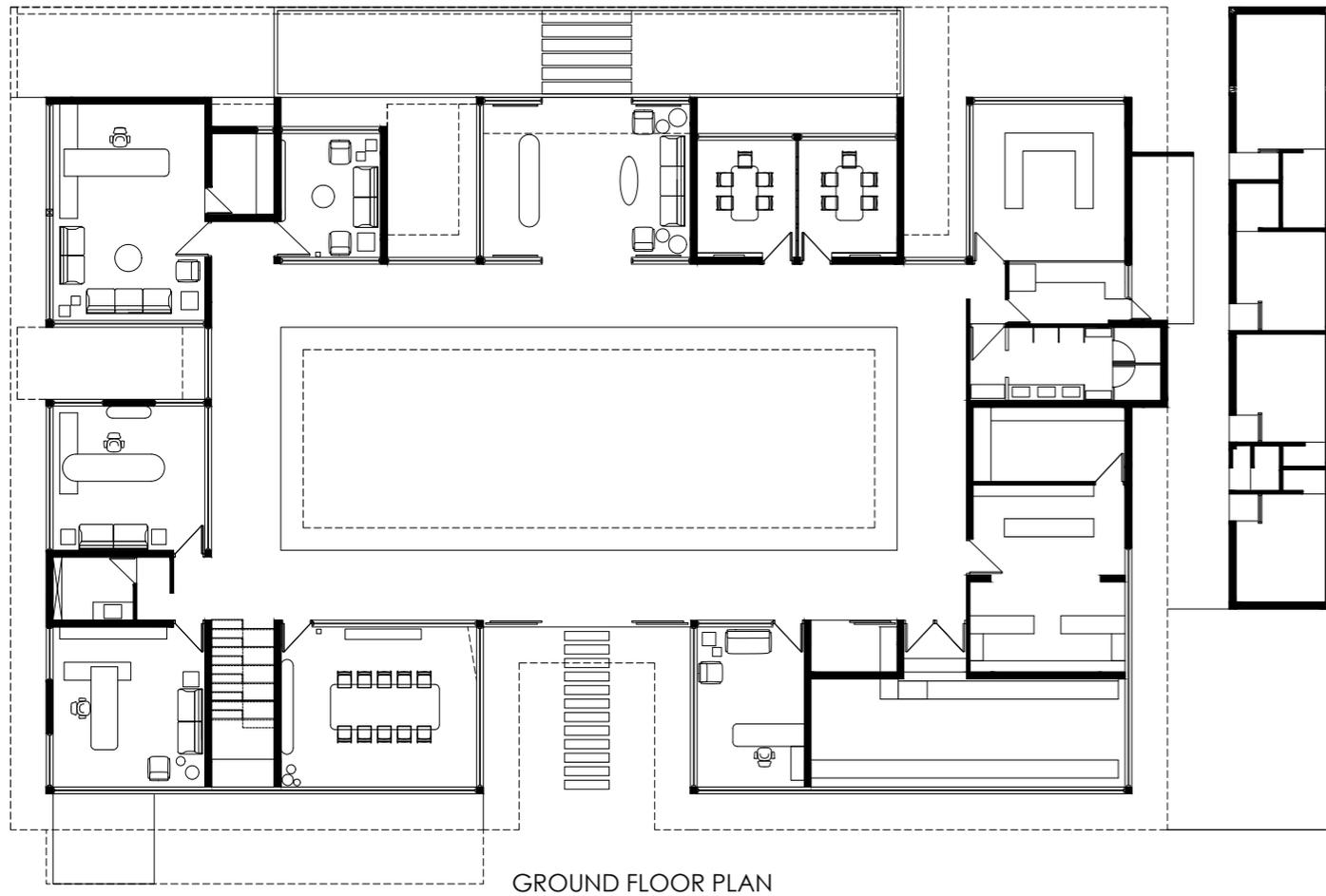
A-803, Titanium Square, S.G highway, Ahmedabad- 380015,  
Email id: arpands@mododesigns.co.in.  
Ph No: 079 40308848,

# Work Experience

Modo Designs - September 2020 to Till Date

## Ranaga House

The Permeable Work Place is an open plan consisting of working spaces around a courtyard and a semi open passage. The west light is filtered through Ferrari fabric screens while courtyard in the center lets the spaces breathe, while allowing natural light and wind to permeate within.

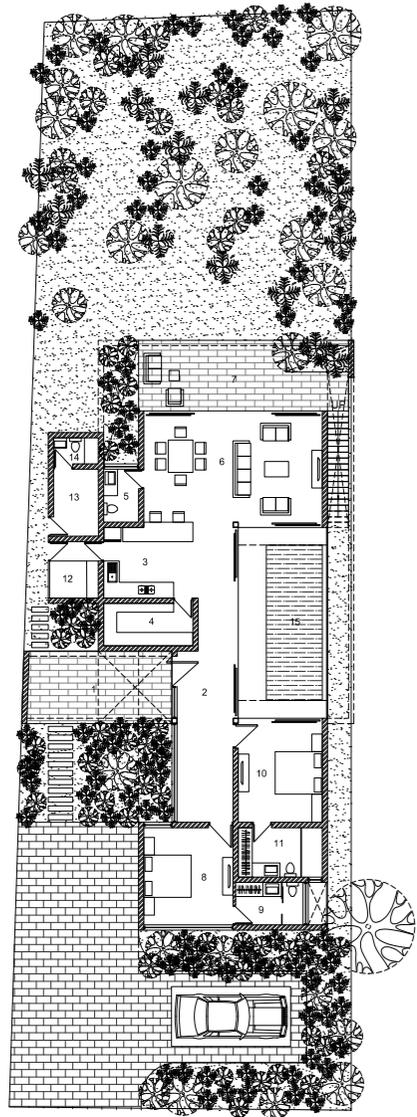


Ranaga House

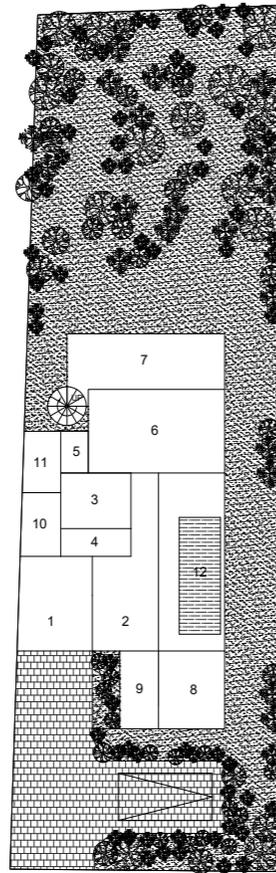


# Glade One - Woodland

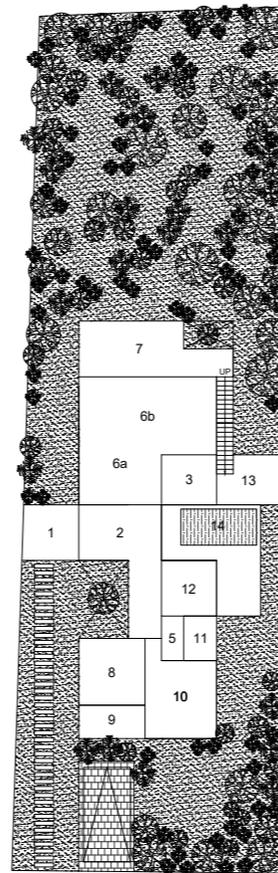
Weekend Home Typologies for B Safal's Galde One-Golf Resort.



2 BHK Unit - Sample House



1 BHK Unit



3 BHK Unit



FRONTAGE VIEW



POOL SIDE VIEW



BACKYARD VIEW

## AVANT, Evolved Eco-Living Apartment

High End Residential Housing 50 4BHK+ Flats by Ravi Desai Signature Real Estate



REALISTIC  
RENDER



## Zaveri Reality - Zaveri Corporate House

Corporate House for Zaveri Reality at Bopal-Ambli Road, Ahmedabad.



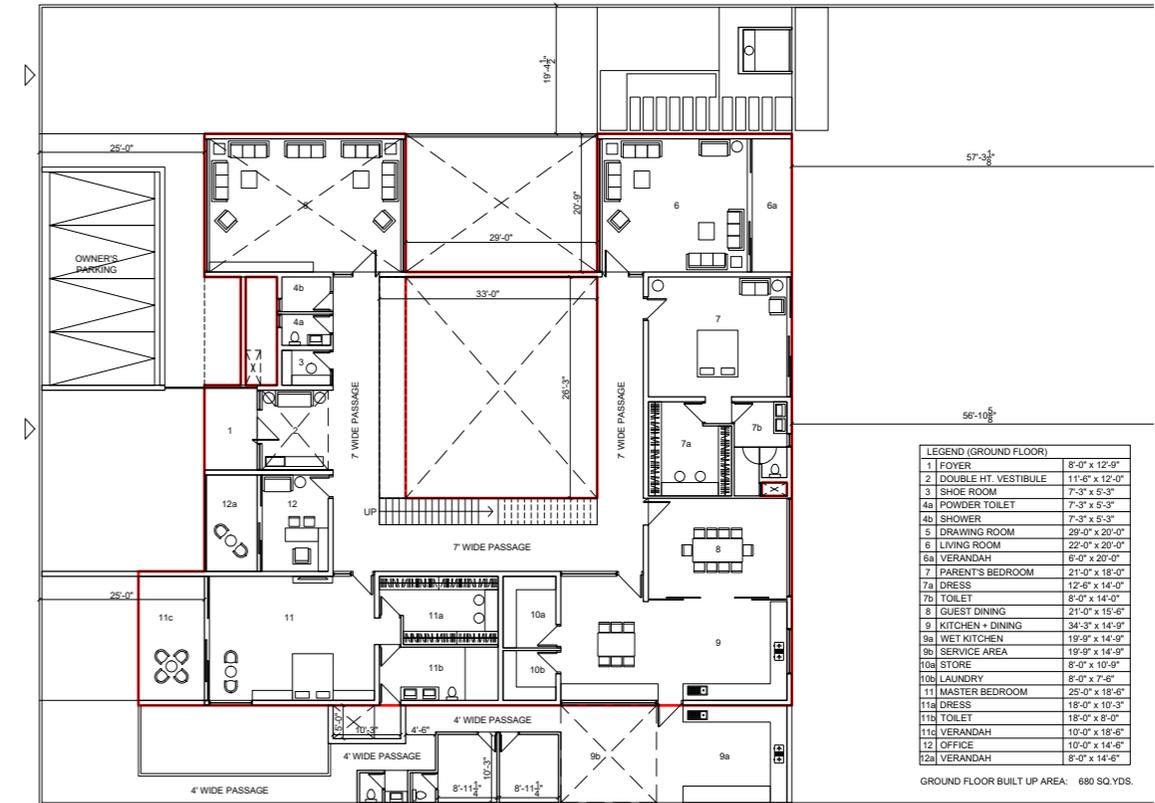
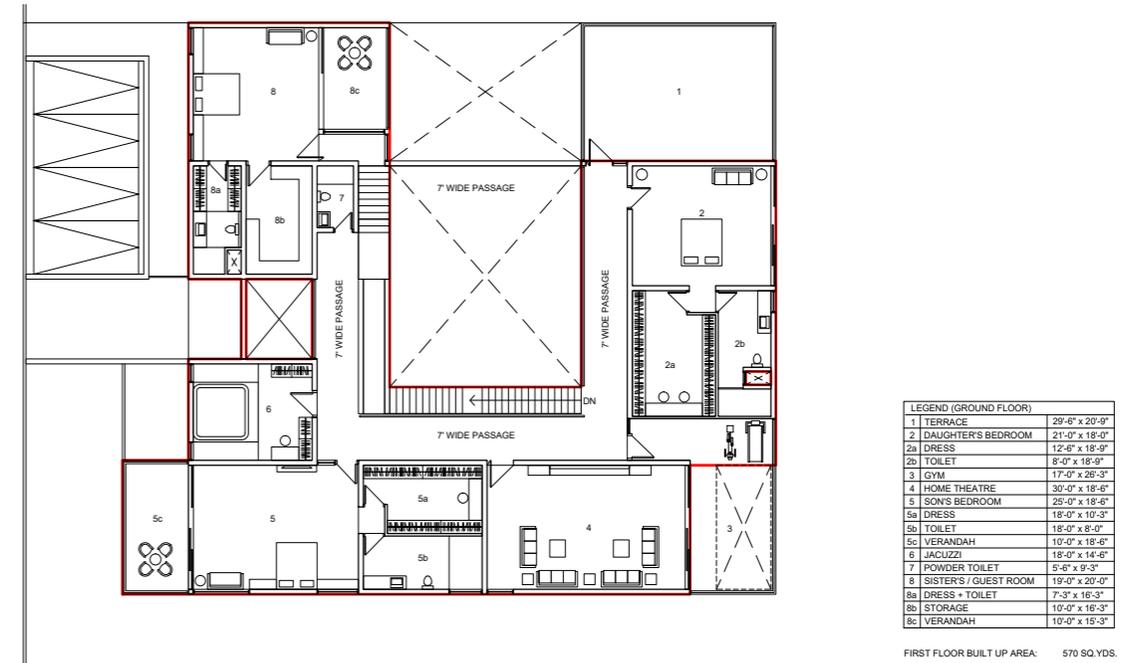
# Ankit Patel Weekend Home

Weekend Home on a 7000sq.yds. plot near Unnali, Shilaj, Ahmedabad



# Kaivan Shah House

First Home for Kaivan Shah's Family on plot (2300sq.yds.) off Sindhu Bhavan Road, Ahmedabad



## Work Experience

### Hari Om Infrastructures - January 2020 to Till Date

#### Key Responsibilities are to

Develop detail drawings.  
Manage a team of Engineers on site  
Coordinate and negotiate with various consultants involved in the project.  
Manage progress at site with periodic site visits and meetings.  
Negotiate Rates with various vendors  
Redesign office system for detail drawings and presentation drawings.  
Overlook all on going projects on site from design to execution.

#### Key Projects

Hari Om Solitaire, Ghuma, Ahmedabad  
38 Twin Villas 3BHK spread across a plot of 6000sq.yds.  
Hari Om Crystal, Manipur, Ahmedabad  
300 Residential Affordable Housing Units comprised of both 1BHK and 2BHK

#### Other Projects

Hari Om Industrial Park  
Hari Om Elegance(Affordable Housing)

### &teak - March 2019 to January 2020

#### Key Responsibilities were to

Develop detail drawings for various kinds of furniture and furnishings  
Understanding difficulties in the manufacturing the furniture as per designs  
Understanding the working and meticulousness of an artisan at work  
Understanding different forms of carpentry used in furniture  
Collaborating with Interior Designers

### Varsha Design Consultant - January 2018 to January 2019

#### Key Responsibilities were to

Understanding technical calculations such as FSI, Built-Up and Super Built Up  
Understanding Constructions bylaws and Loopholes  
Understanding Fundamentals of Construction On Site and Guide Engineers on Site  
Uploading Passing drawings on the portal and manage queries.

## Work Experience

### &teak - Junior Designer - Full Time



# Internship

**banduksmithstudio - June 2017 to December 2017**

## Key Responsibilities are to

- Understand and develop working drawings and detail drawings.
- Understand the importance of details and information in details.
- Learn how your detail will be implemented on site through site visits.
- Learn how to coordinate and negotiate with consultants.
- Learn how to work with artisans and make them understand your designs

## Key Projects

Saini House, Deesa

Nestled behind a buffer of vegetation from the national highway, is a residence designed for a potato farmer and his family. The protective house uses thick walls, insulated slab strategies, and smartly controlled openings to shield its inhabitants from the hot summer sun.

ROW Office, Ahmedabad

The law office adapts an aging, dingy row house to create a narrow new work space full of light. Lines between furniture, interior and architecture are blurred to generate a seamless habitable space, structured by the demolition of walls and insertion of a steel frame, which stabilizes the opened structure

Khurana Crafted Pent House, Ahmedabad

The home is a play of quiet corners and lively moments, the material and lighting are its backdrop. In what seemed like a static layout, the purpose was to introduce and explore fluidity in space. Traditional lacquer crafts, wood and steel meld together, inhabiting this two-storey penthouse. The narrative is interspersed as pops of colour in otherwise calm spaces.

Transchem Bio-filters Ahmedabad

Designing Industrial Sheds and further developing strategies to ease their systems into a cyclic course of waste water treatment. Understanding the old and establishing a new system catered through architecture and design.

## Other Projects

Abhishree Orchard, Ahmedabad

450 sq. yds. Weekend Home Extension and Interior

Azka Pharmaceutical's Office, Ahmedabad

Interior Design for a Pharmaceutical Office

Urban Terraces, Ahmedabad

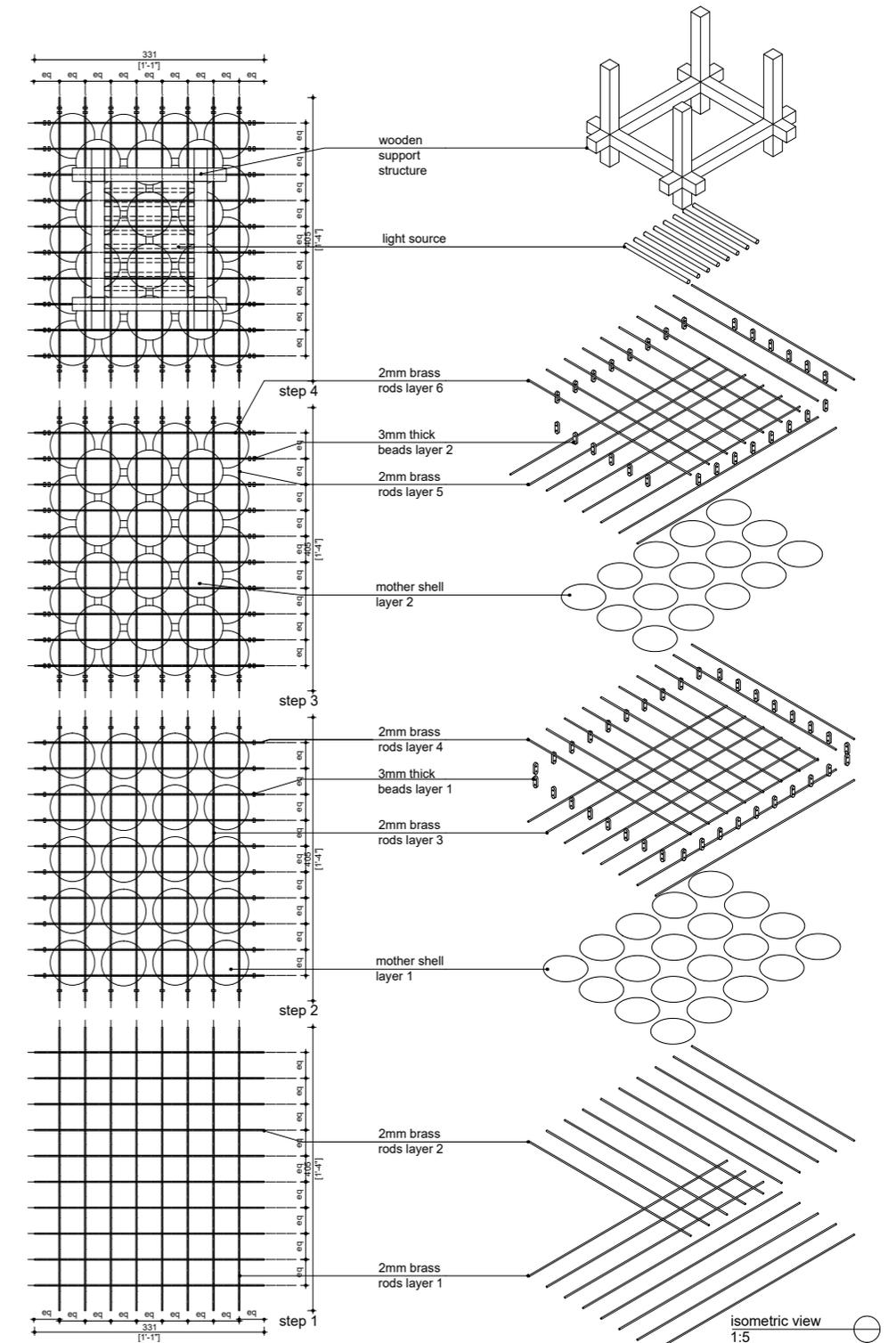
Developing Terraces for 4 High End Apartments. Responding to immediate context and climate responsive strategies

Mehta House Renovation, Ahmedabad

Interior Design and renovation for an existing villa near Law Garden, Ahmedabad

# Khurana

## Mother of Pearl Light Fixture



## Work Experience

banduksmithstudio

design@banduksmithstudio.in  
905 supath tower, opp rasranjan, nr vijay char rasta, navranpura ahmedabad 380009

7 January 2018

### Certificate of Training Completion

This is to certify that **Mr. Deep Varma** worked as a full time trainee architect in our firm, **banduksmithstudio**, for a total of **6 months**, starting from 15 June 2017.



Sachin Bandukwala  
B.Arch  
Architect & Partner,

**banduksmithstudio**

## INDEX

Sr. No.	Project	Set of drawings	No. of sheets
1	Saini House	Key plan wall sections doors and windows presentation	2 7 4
2	Abhishree orchard	ground floor presentation sheet first floor presentation sheet	1 1
3	Azkka	axonometric view presentation axonometric render	6 1
4	Jain terraces shreyas siddhichakra shrimay	solar panel drawings solar panel drawings solar panel drawings	3 3 3
5	khurana	light fixture details light fixture iso	1 1
6	mehta house	bathroom drawings	3
7	transchem biofiltes	model photographs	



for banduksmithstudio

NOTE: The copyright for all the illustrations, drawings and documentation belong to the respective offices  
The projects displayed ahead involved the author as an intern at the following firm

# Saini House

House in Deesa



Site Plan

site plan 1/200  
saini house, deesa 20.07.2017  
**banduksmithstudio**  
design@banduksmithstudio.in



Daylight - Front View



Daylight - Back View



Night time - Front View



Night time - Back View

Nestled behind a buffer of vegetation from the national highway, is a residence designed for a potato farmer and his family. The protective house uses thick walls, insulated slab strategies, and smartly controlled openings to shield its inhabitants from the hot summer sun.

# Abhishree Orchard

Isometric view of Site



- 16 - Bedroom
- 17 - Toilet
- 18 - Terrace

1st floor  
Abhishree Orchard 21.05.2017  
bandukamithstudio  
design@bandukamithstudio.in

First Floor Plan



- 1 - Parking
- 2 - Charigpa trees
- 3 - Deck
- 4 - Entrance porch
- 5 - Living room
- 6 - Dining room
- 7 - Kitchen
- 8 - Common toilet
- 9 - Banquet's toilet
- 10 - Banquet's toilet
- 11 - Outdoor cooking space (covered)
- 12 - Bedroom
- 13 - Toilet
- 14 - Tree plantation
- 15 - Lawn

ground floor plan  
Abhishree Orchard 21.05.2017  
bandukamithstudio  
design@bandukamithstudio.in

Ground Floor Plan



view I



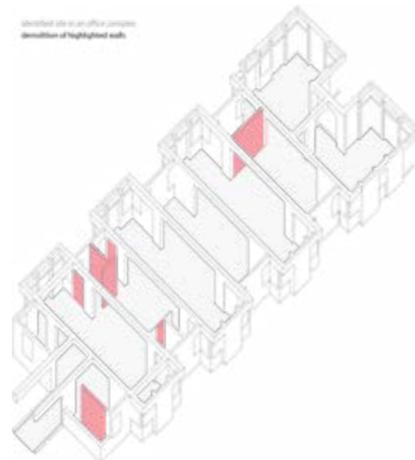
view II

# Azkka

Azkka Pharmaceuticals Pvt Ltd



Identified site in an office complex



demolition of highlighted walls



masonry work introduced



Keystone - elliptical conference room



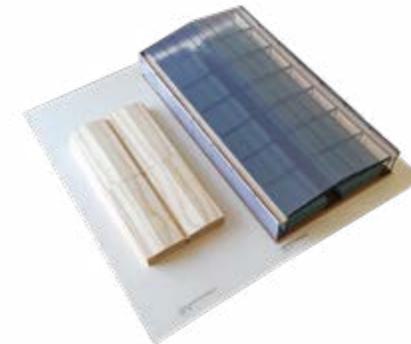
defining spaces; insertion of cupboards



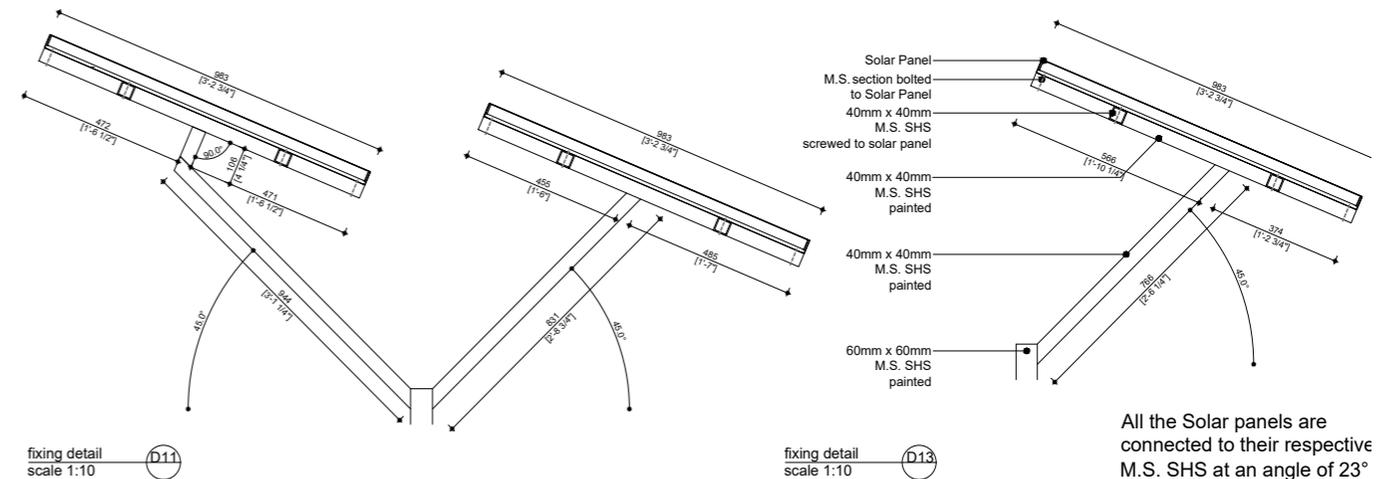
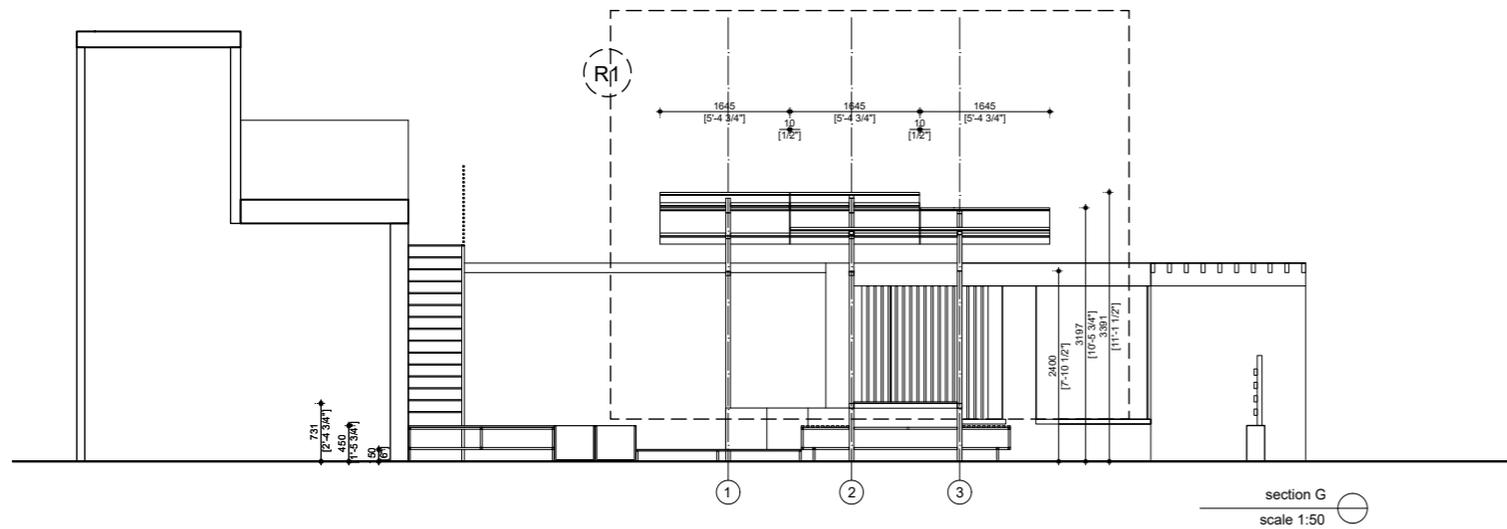
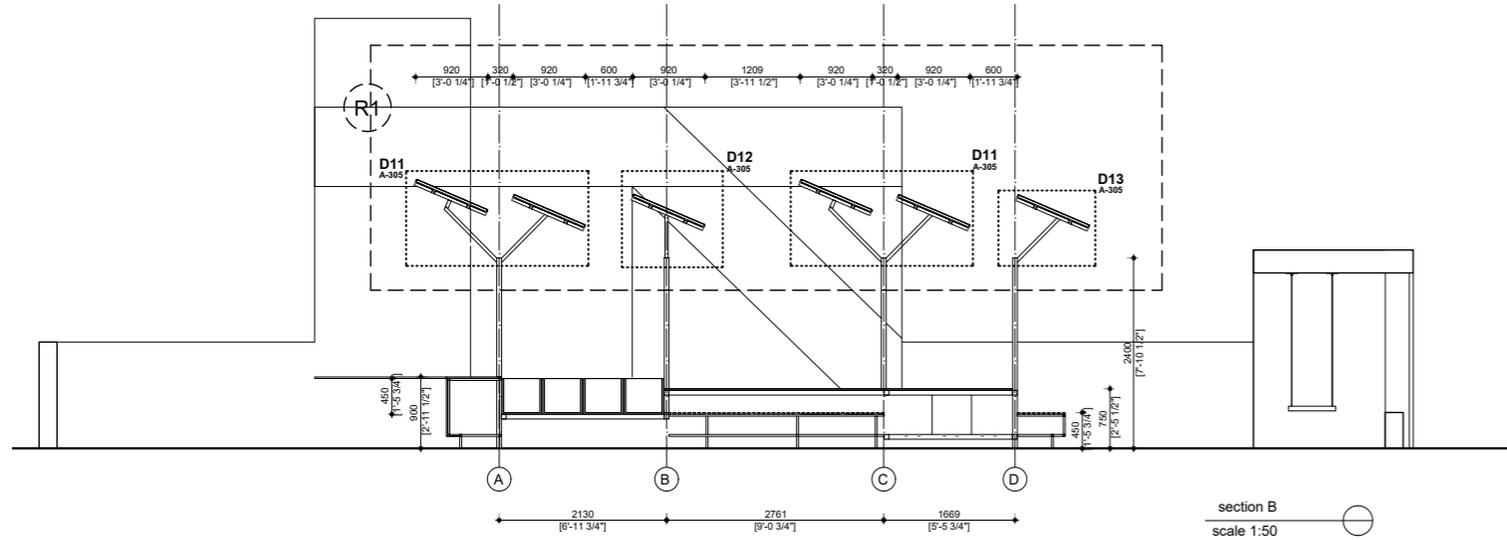
introduction of furniture; office interiors

# Transchem Biofilters

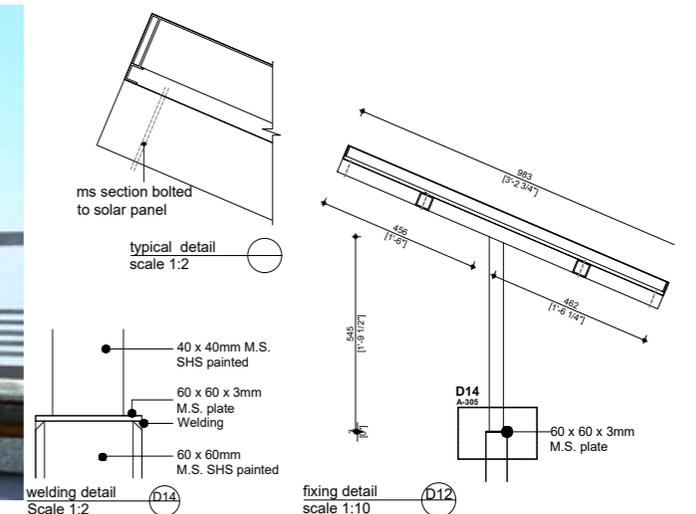
Model Making and Documentation



# Jain Terraces Shreyas, Sidhichakra, Shrimay



All the Solar panels are connected to their respective M.S. SHS at an angle of 23°





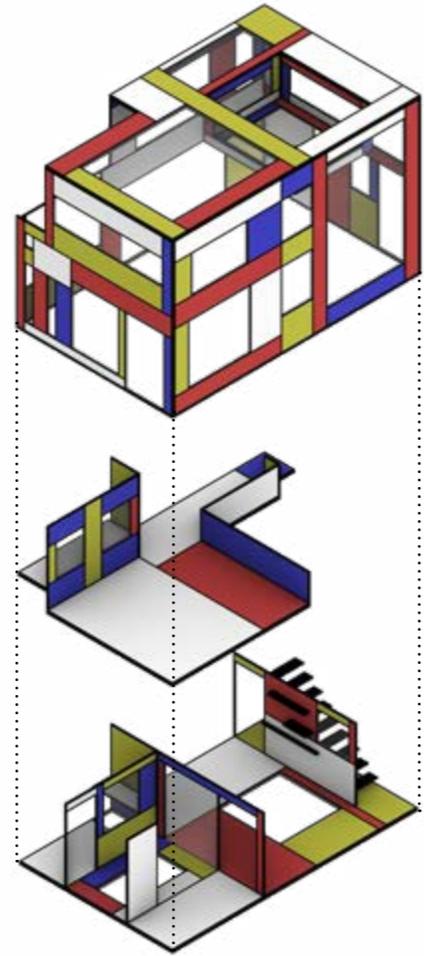
# ACADEMIC PORTFOLIO

## STUDIO I Studio House

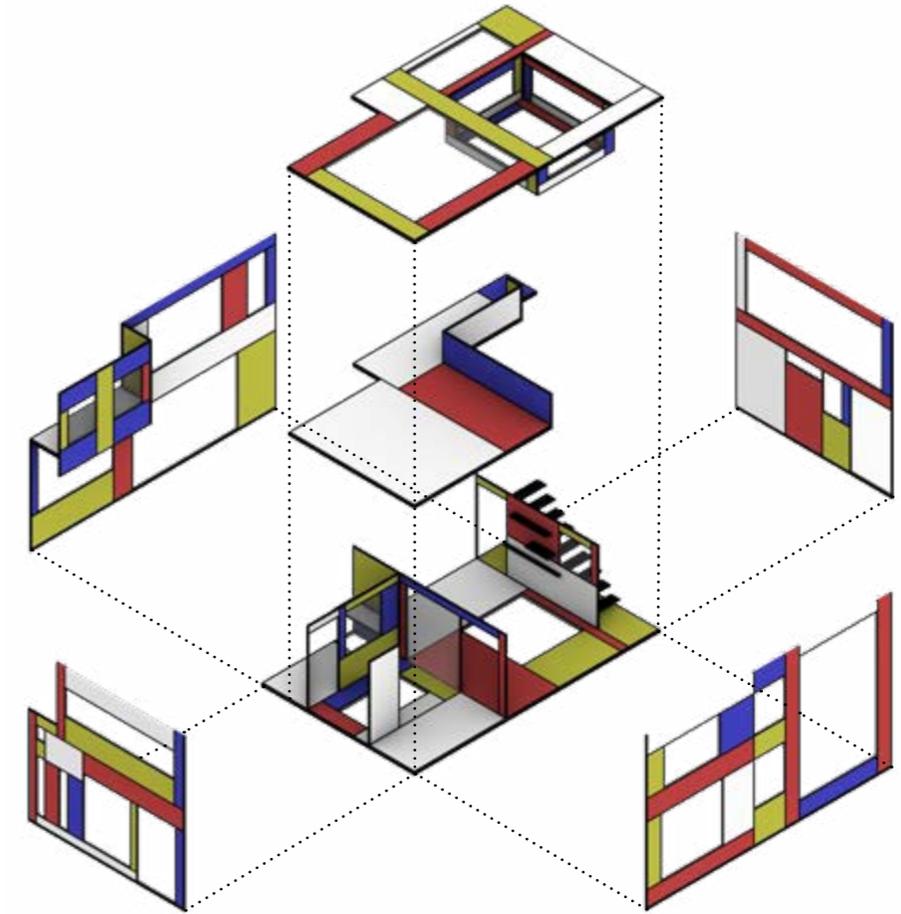
Designing a Studio House.  
A Studio that confines basic functional spaces.

Further keeping in mind the Public and Private Nature of the spaces. The Studio House is a module that can be repeated in all directions of a tower.

Deriving its language from Neoplasticism, consisting of white divided by vertical and horizontal solid black lines. The in-between spaces are then filled with three primary colors; This technique was developed by an Artist, Piet Mondrian.



Level Plates



Part to Whole Isometric View

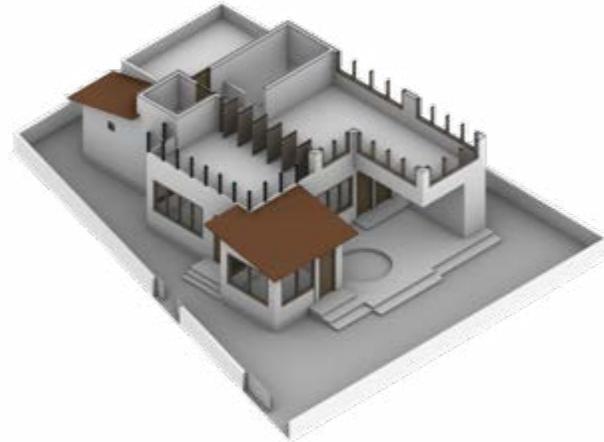
# STUDIO II

## Artist's House

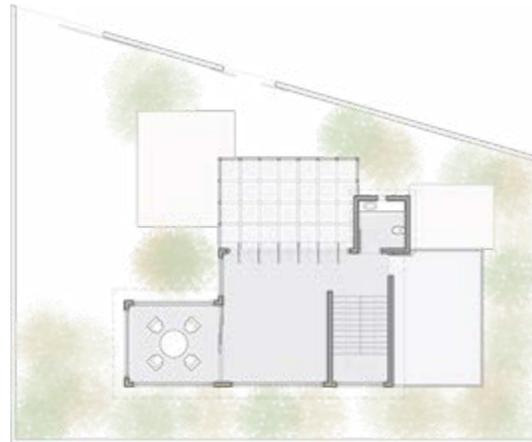
The Task at hand was to design a residence for an Artist. Being a Self-Employed person an Artist's daily routine patterns of using spaces in the house are very different to that of any mundane person. Open Spaces are strategically composed to open towards the rich outdoor Nature.



Overall Isometric View



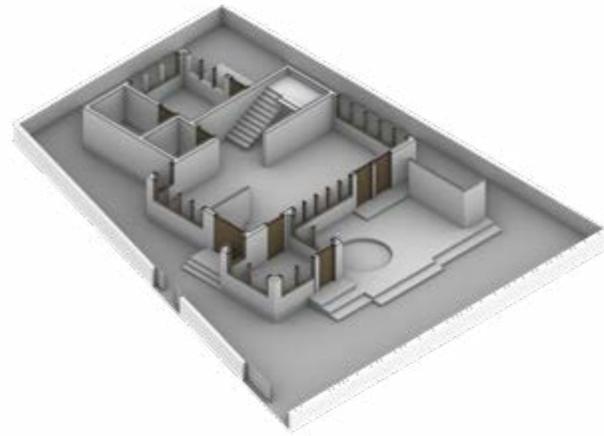
Section at First Floor Level



First Floor Plan



Ground Floor Plan



Section at Ground Floor Level

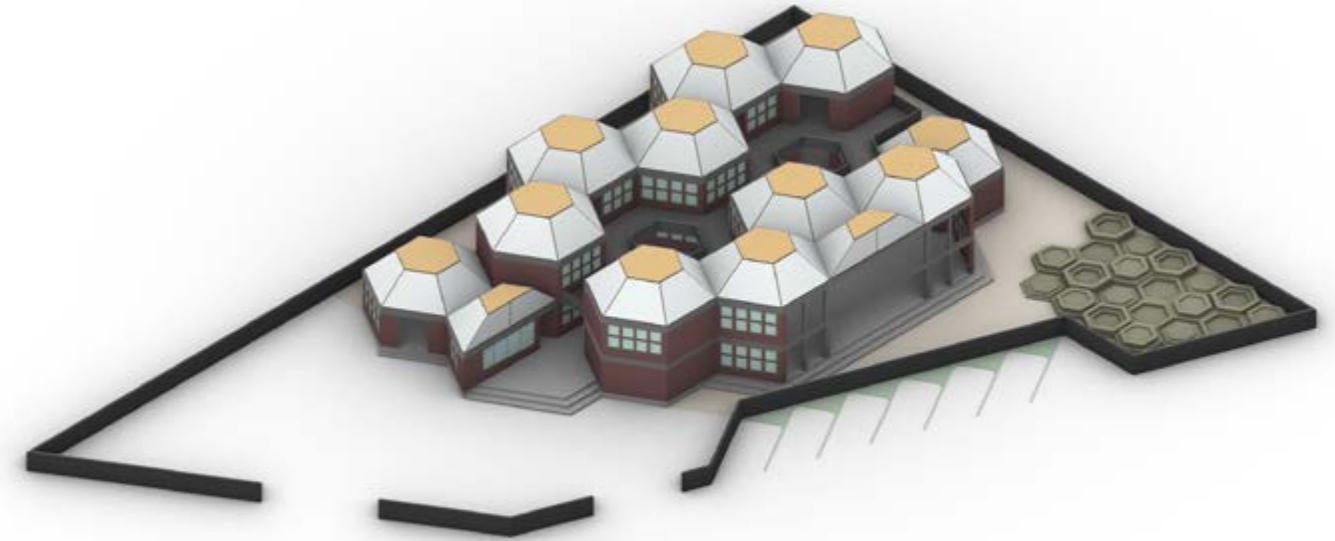


# STUDIO III

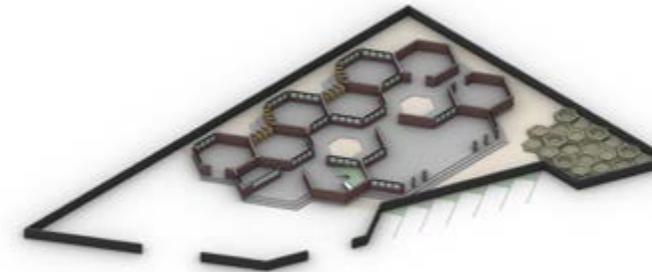
## Kindergarten

The design started keeping in mind the honeycomb structure that induces a bond of togetherness and how a system of individuals come together and work collectively for the greater good. An easy free flowing circulation is also kept in mind to minimize restrictions on a child's mind.

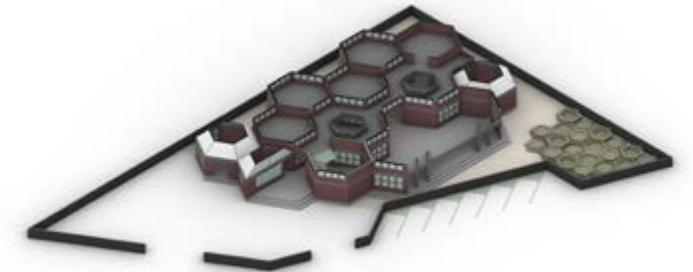
From the very campus as a whole to each and every fenestration designed to achieve maximum visual and aural connections, this is done to make sure that the user is neither restricted nor insulated at any point of time to maximize individual as well as peer to peer learning.



Overall Isometric View



Section at Ground Floor Level



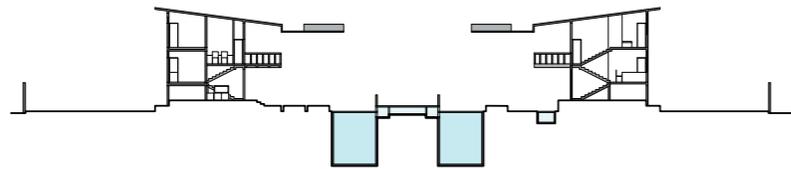
Section at First Floor Level

# STUDIO IV

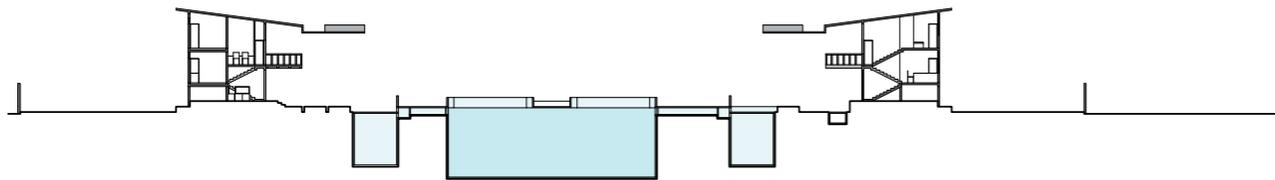
## Re-Source Housing

In an attempt to create a housing community that works together as one single unit in managing a particular resource, in this case water.

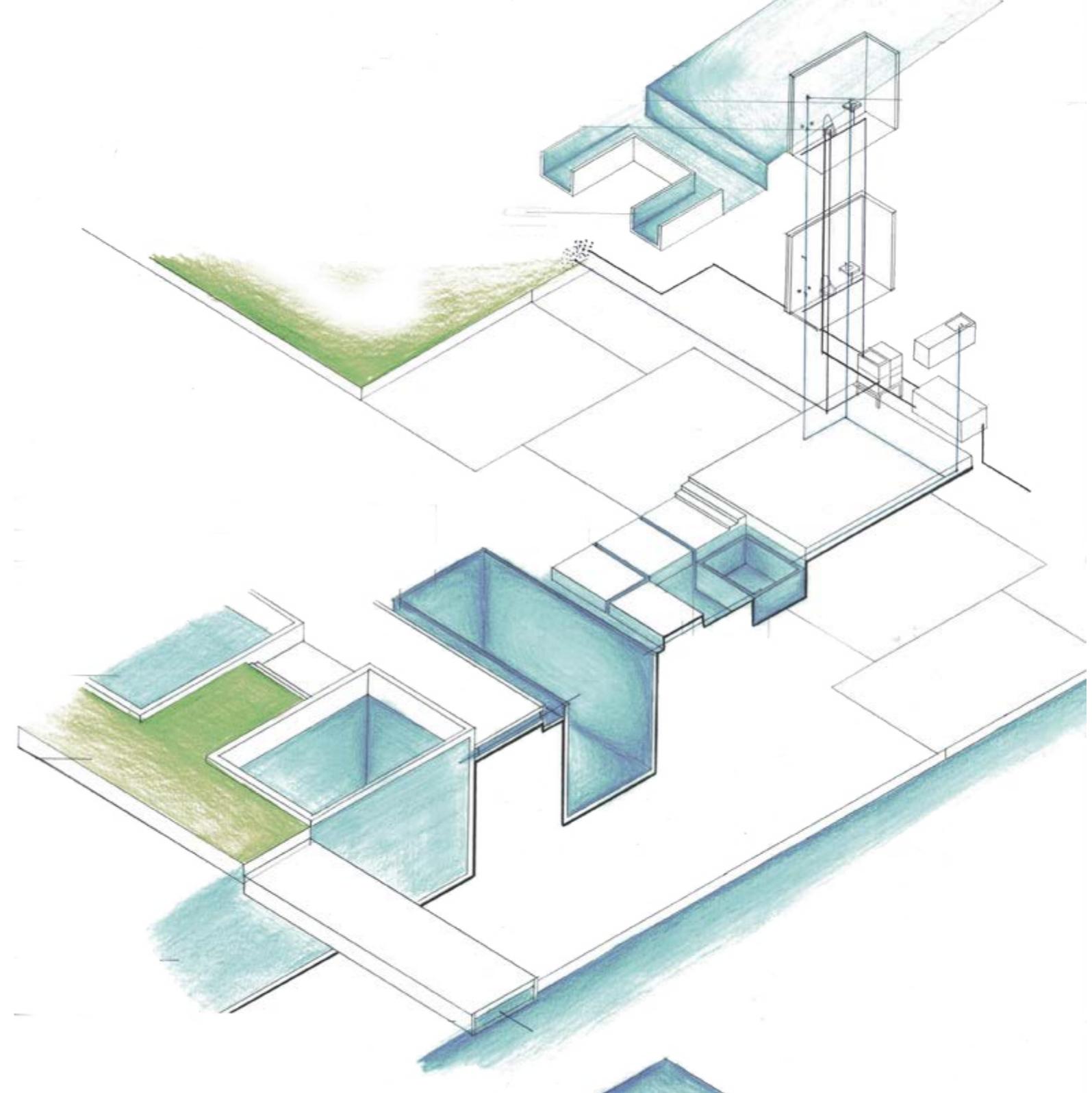
A program for low cost housing community was set up. The structures are designed in such a way that it collects rainwater, harvests it and further optimise its use.



section through water tanks of two different clusters their internal connection and its connection with Individual water tank



section through water tanks of two different clusters and their connections to the community water tank



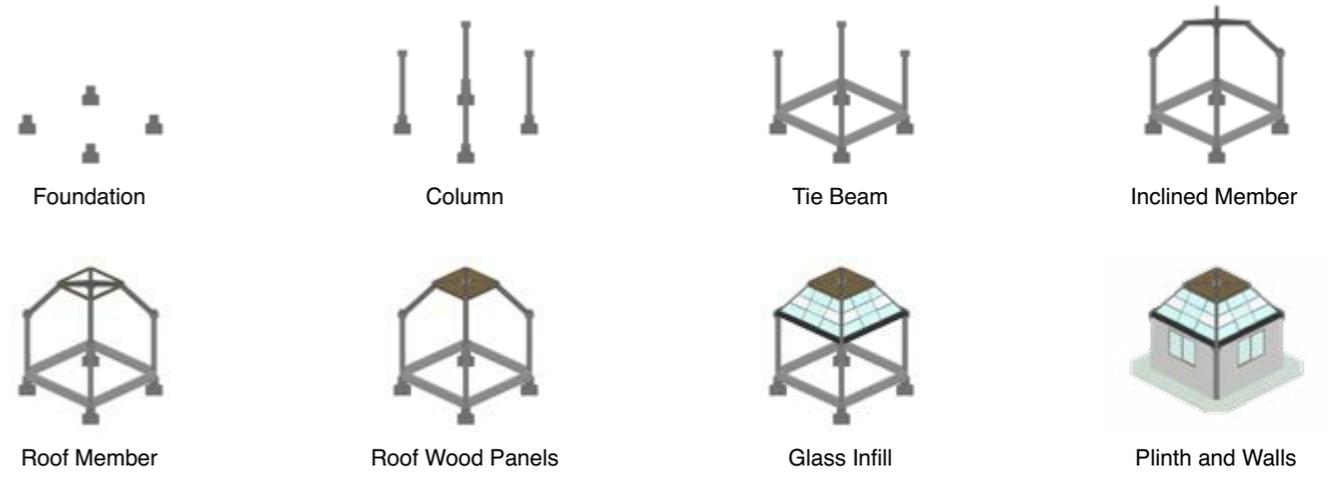
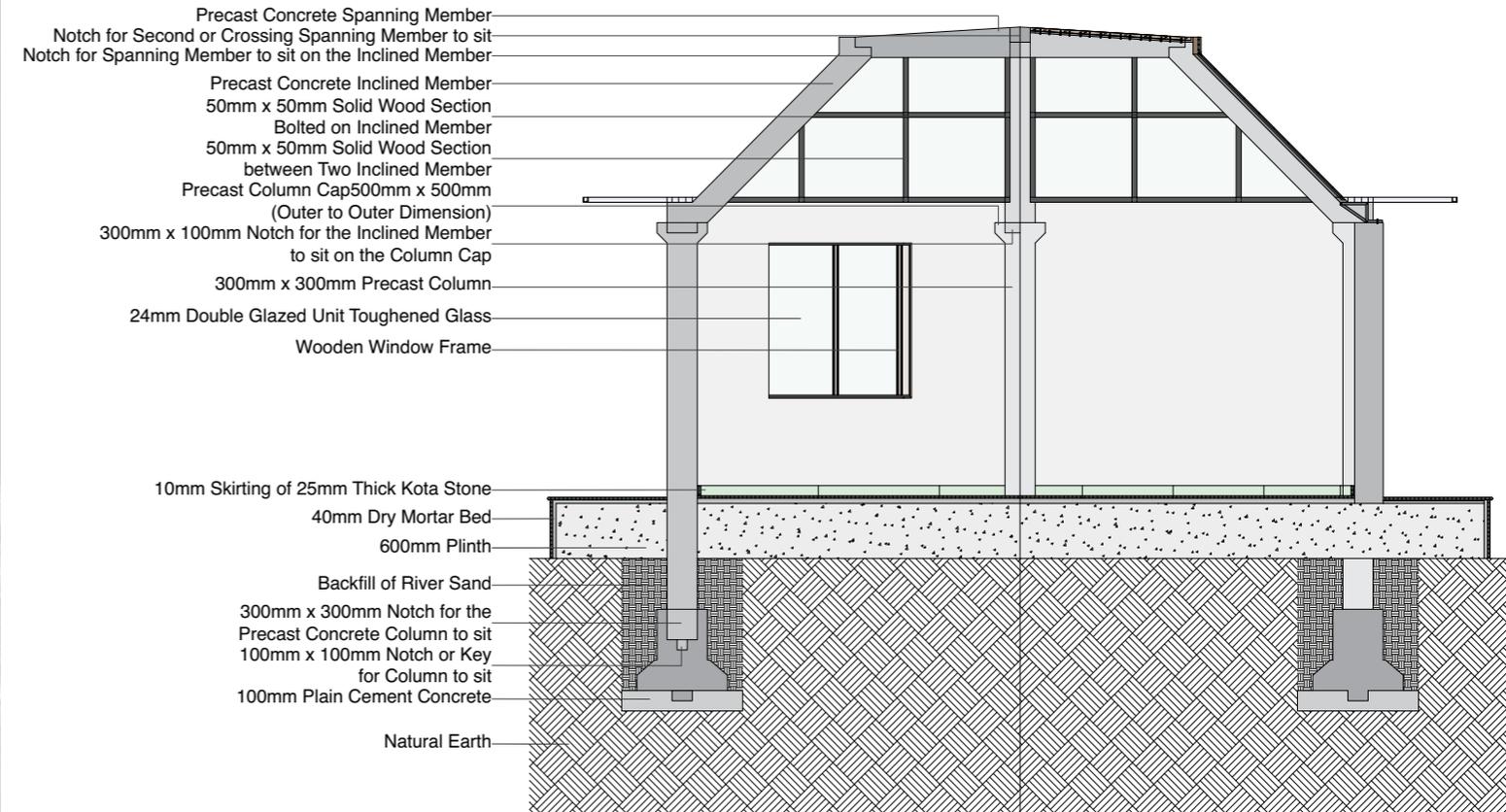
# STUDIO V-VI

## PRE-CON Precast Concrete Institution

In an urge to design an institute that would home the development of a particular material, in this case, it being Precast Concrete.

The Institute itself is a dominating structure made of precast concrete modules that are assembled using its unique joineries and methodology.

The program is about how the institute works in the development and understanding of the material. Not so formal in its character yet a discipline that governs the relationship between the architects and the artisans and sometimes even students.



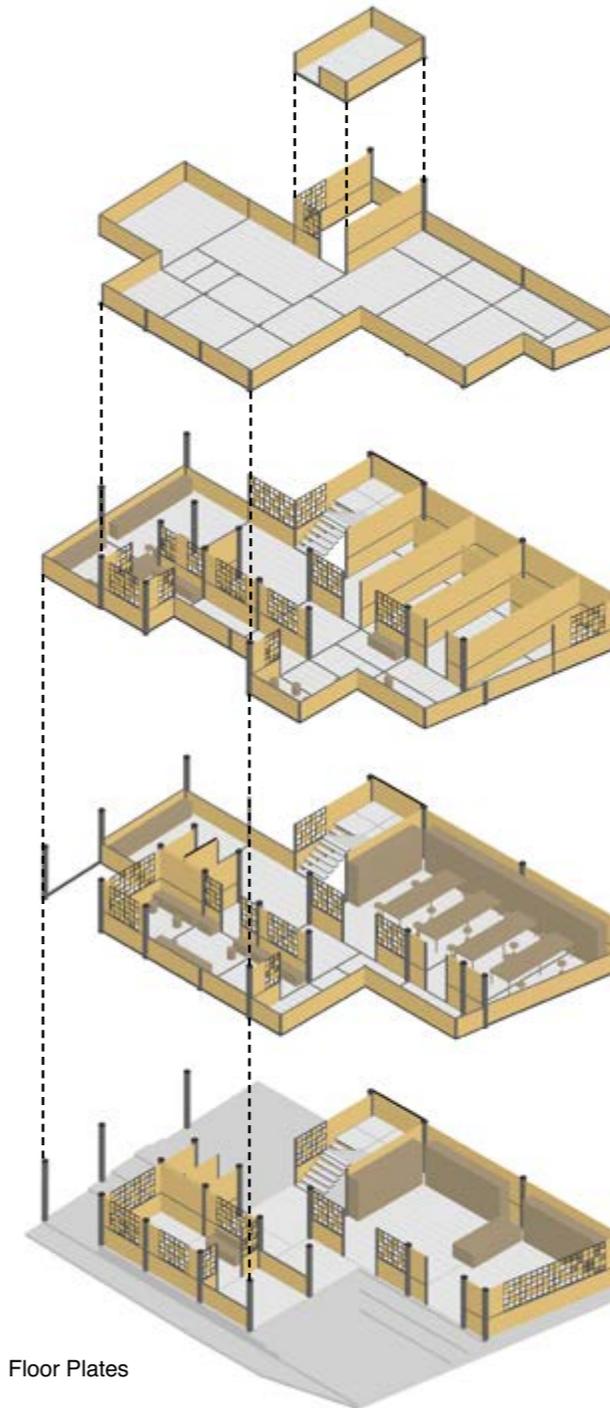
# STUDIO VIII - IX

## Urban Insert

Understanding the topography, climate and the cultural aspects and further intervene a project within the walled city by understanding its grains, generating activity maps, tourists movements and to relate to the overall context of the city



Isometric View



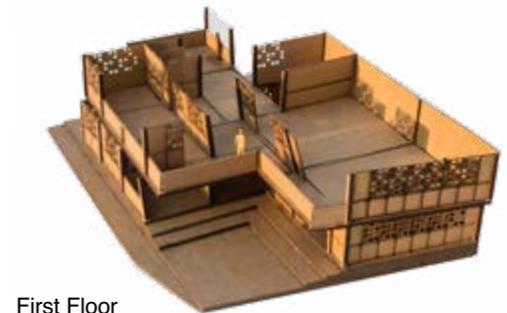
Floor Plates



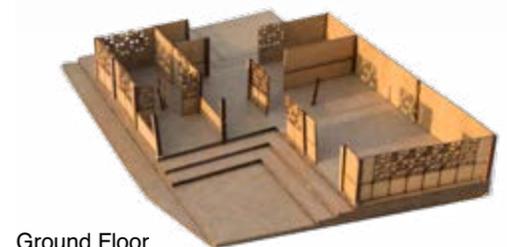
Overall



Second Floor



First Floor



Ground Floor

## Studio X

### A Manual to R.E.A.D Architecture in Literature

**“The end is the beginning, and  
the beginning is the end”**

0. This is a Design **Thesis**, developing an understanding of a textual space and further creating a textual labyrinth, the **Thesis**.

Site: The size of a page is the required frame of space. The constraints of the dimensions of the page are the parameter to keep in mind while designing the textual spaces.

Program: A Manual to READ architecture in Fiction/Literature.

Concept: Singularity of Experiencing a space; a labyrinth.

Material Palette:

Typography

A. The main text containing the elements and gestures are in Helvetica

B. The supporting elements of the story arc are in Dante

C. Citation and references being the supplementary to the main text are also in Dante

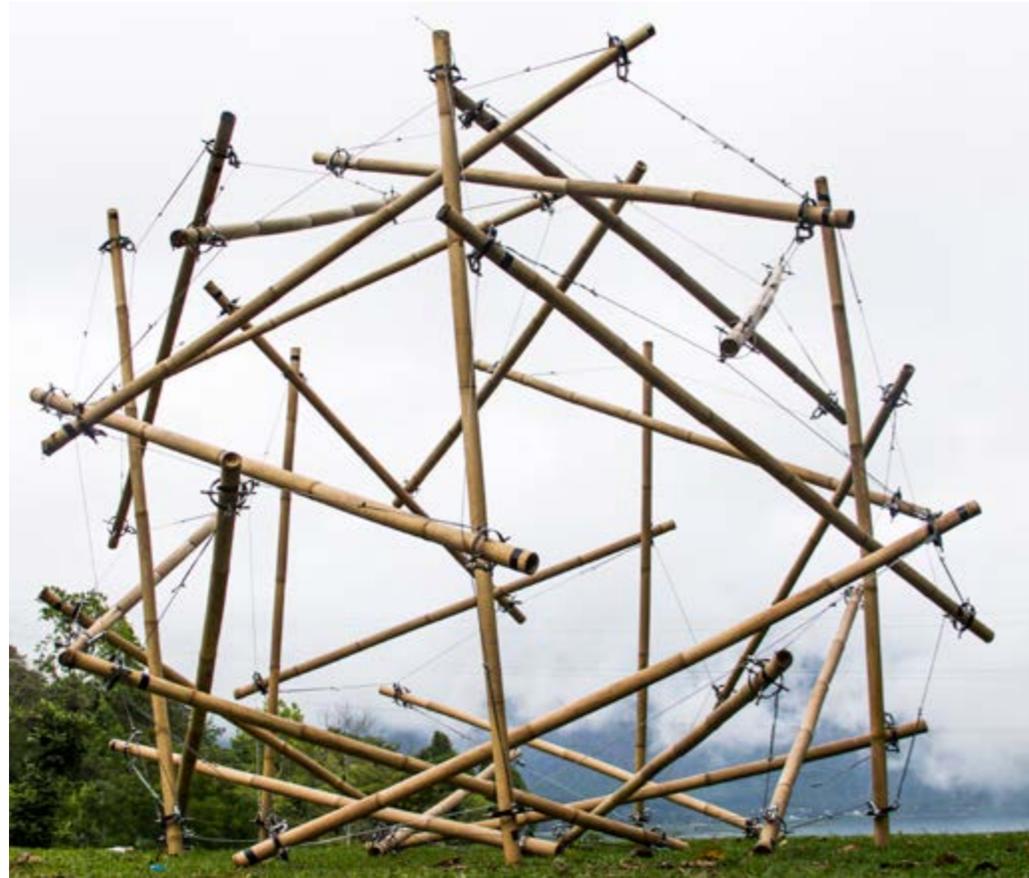
D. The footnotes are in Bookman Old Style.

Design Decisions:

1. The **Thesis** is a Labyrinth comprising of several fragmented labyrinths. The **Thesis** has its own Method of Study and an orthographic nature to mediate this labyrinth in the form of textual spaces. These textual spaces are the frames of spaces where the activities reside.
2. Chapters, all are parts of the overall field but an overall field itself. Each chapter is designed as a Labyrinth but this time of a non orthographic nature. Rather the chapters reside within the textual spaces and frames of spaces that are fragmentary in nature. This fragmentary approach of the spaces makes the reader go back and forth several times in the Labyrinth. The struggle and motion of turning of frames creates the frames per second motion and defines the Labyrinth.
3. The Creation of field, the field being the totality and the totality being different at different points within the textual spaces of the **Thesis**. The initial textual spaces are the ones taken up from the book **House of Leaves**, further the textual spaces of the **Thesis** itself are also decoded in a similar manner.
4. The diagrammatic representation of the contents of the labyrinth is not just an interpretation but more of a singular experience of the reader of **House of Leaves**. This is the point where depth is introduced in the frame of space. Overcoming the constraints of a Two Dimensional frame of space, a page, depth is being added through the use of a portal and to achieve this portal design principles like mirroring and constant change in the orientation of text and illustrations are used, this also brings out the textual deformation which is a direct inference of the case study: **House of Leaves**
5. Each chapter has a set of supplementary material, a tertiary space that actually acts as the primary one as in the loop of creation comes first. This supplements the creation of the **Thesis** and also gives the origin to the illustrations and narratives of the space.
6. The **Thesis** has its own set of annexures, supplementary material that guides and governs the design of the **Thesis**.

## Workshop

### Poetics of Bamboo; Tensegrity - Bali, Indonesia



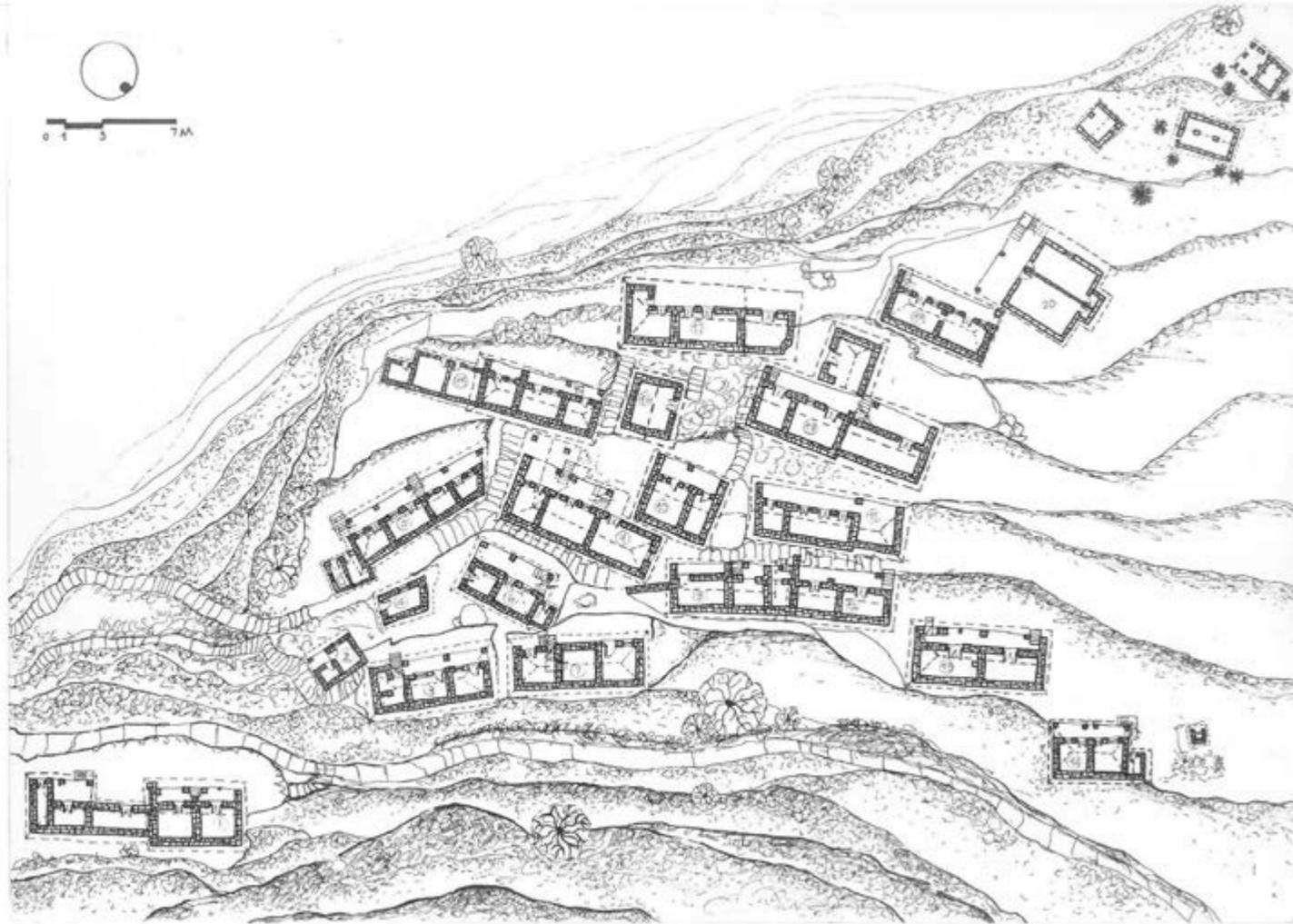
Tensegrity is a design principle that applies when a discontinuous set of compression elements is opposed and balanced by a continuous tensile force, thereby creating an internal Pre-stress that stabilizes the entire structure.



# Workshop

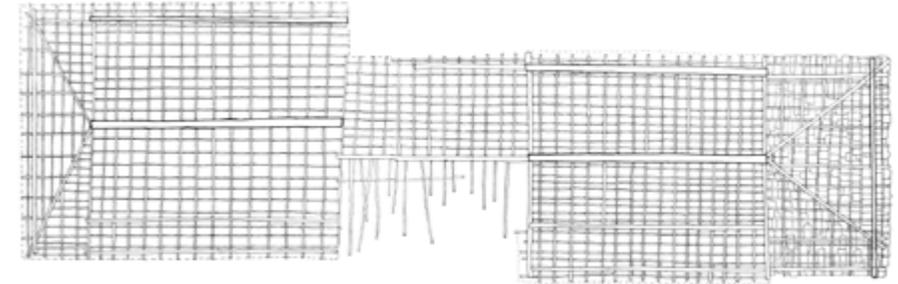
## Narratives of Naddi and Bal, Himachal Pradesh

This is a related study project that took place in Himachal Pradesh. Over 65 houses were documented that made three clusters of Naddi Village. Further, the village of Bal was also documented. The key feature of documentation is that all the drawings are free hand.

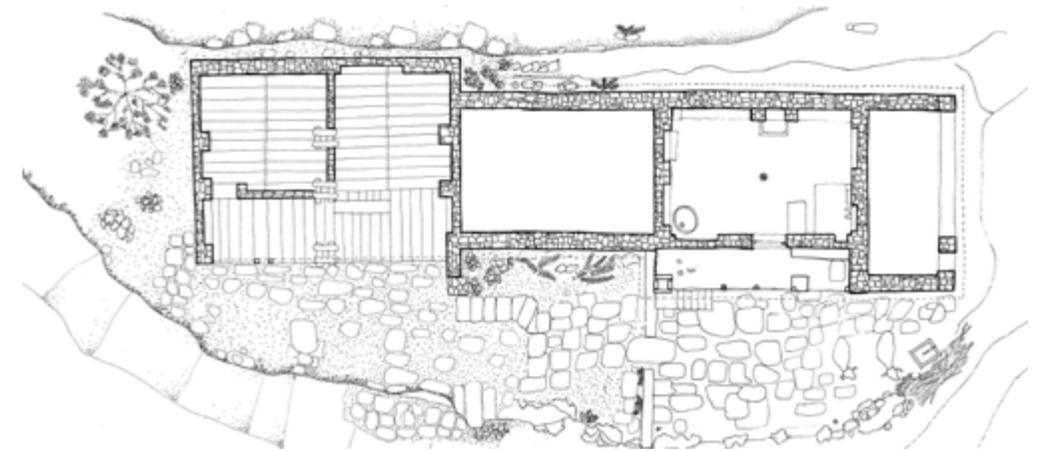


Site Plan

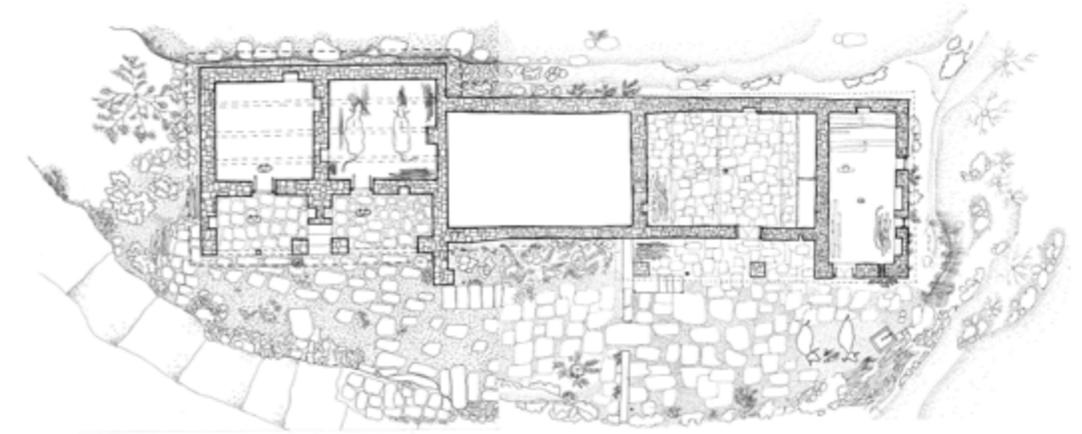
Roof Level plan

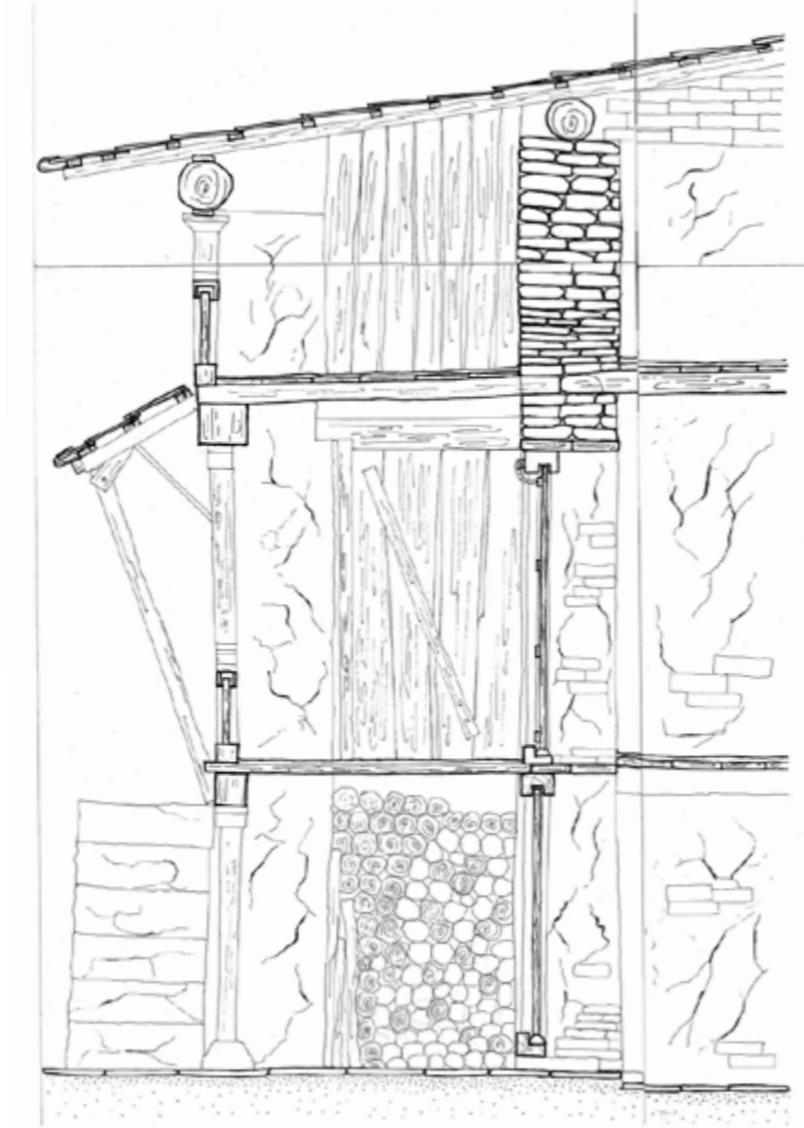


Second Floor Plan



Ground Floor Plan





Section - Joineries and Details

## Workshop Bamboo Workshop

