



# GENESIS

Pan India Travel Studio aims at providing innovative architectural design training outside the realm of formal institutions, by bringing together eminent professionals and committed students. Students travel to mentors' work place, in varying geographical contexts, and become active participants in their methodology.

This diverse mix of participants will experience in rapid succession, a series of short immersive design exercises. Akin to a quick pit stop in a fast moving race, what emerges is a rigorous four week long architectural design studio, kept well-oiled with a system of inbuilt checks through constant peer reviews.

It reaffirms the view that academics today should not be limited by constraints of time, logistics of place and demographic divides.

In its nascent year, PitStudio was mentored by Mona Doctor-Pingel, Rajesh Renganathan and Gurjit Singh Matharoo in Auroville, Silvepura and Udaipur from August 1st -28th , culminating with the Master Jury at 'Pool', Ahmedabad. This is a compilation of the people involved, participants projects and places travelled during this period.

\*PITStudio is set under the aegis of a not for profit Section 25 company.

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**Jyoti Sahi**, Bangalore

Presenter: 'Culture/Nature/Symbolism'

Taught art at American International School, Delhi, and Blue Mountains School, Ooty. He has worked with Laurie Baker, staying at the Kurisumala Ashram in Kerala, and later with Dom Bede Griffiths at Shantivanam Ashram in Tamil Nadu. He started the Indian School of Art for Peace (INSCAPE) at the Art Ashram in Silvepura.

He began giving courses in art, design, and spirituality at Srishti School of Art, Design and Technology in 1997. He has been involved with Oxford Brookes, Social Sculpture Research unit, and Department of Religious Education in Westminster College in Oxford.





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**Aurelio**, Auroville

Client, Svaram

Creative director of Svaram - a Vocational Training and Music Research Station. He is a musician, educator, researcher, ethno-musicologist, sound designer and soundhealer. Through his extensive travels and studies all around the world, Aurelio has become a noted pioneer in the development and manufacture of innovative musical instruments, whether it be simple inviting ones for beginners, or instruments specially designed for use in sound healing.

He works with sound healing modalities and active participatory music therapy settings in the Quiet Healing Center and Verite Integral Learning Center in Auroville.

Aurelio has continued to travel around the world, giving workshops and lectures but also, of course, absorbing local musical traditions, for example in Korea, Japan, and Borneo. He has joined the World Federation of Music Therapy and publishes articles in newspapers and research magazines.

[www.svaram.org](http://www.svaram.org)



**BL Manjunath**, Bangalore

Jury Member at Silvepura

Studied Master of Engineering (Civil) at Vishveshwariah College Of Engineering (1985), Bangalore. In 1985, he joined M/s Umesh B Rao & Co, Bangalore, a leading Engineering consultancy, where he worked on various prestigious projects as senior design Engineer.

He established his own structural design firm, Manjunath & Co in 1994, and works on design and detailing using specialized techniques for material handling plants in thermal stations, industrial buildings, townships, commercial complexes, hotels, group housing/apartments, bungalows, resorts, educational institutions and offices.

[www.manjunathandco.com](http://www.manjunathandco.com)



© Diana Segura

**Bharat Aggarwal**, Delhi

Official Photographer

A professional freelance photographer based in New Delhi, who has carved a niche in professional architecture & interior photography and worked with passion in the field of travel and food photography.

Started his career with the magazine Outlook Traveler Get-aways, before giving in to his creative instincts and breaking free. Since then he has built up an enviable portfolio having shot for various up-market and leading hotels chains and resorts in the country including The Oberoi Group, Radisson, Fresco Co, Park Plaza and Avalon Resorts, among others. Besides this, he has also worked with many leading architects of India for their photography projects.

Prime magazines such as India Home Trends, Inside Outside, Good House Keeping, Today Travel Plus, Design Today, Decoration international, Centurion Magazine and Child Magazine regularly feature Bharat's works and travelogues.

A road hog and biking enthusiast who has been on a road trip from India to Tibet among many others, he is currently working on a personal series of black & white prints.

[www.bharataggarwal.com](http://www.bharataggarwal.com)



**Champaka Rajagopal**, Bangalore

Presenter: 'Challenges of Urban Planning'

She is Principal, Urban Practice at EGIS India, and over the last fifteen years has worked on public and private sector projects in urban contexts, including formulation of policy, regulations, investment plans, master plans for green field townships and architecture of buildings. She has focused on devising place specific development norms. Her work spans across city-regions in India, Sri Lanka, France, United States, China and Libya.



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**Harshad Mehendale**, Auroville  
Jury Member at Auroville

Professional musician and an architect, he is the Founder and CEO of the Frozen Music Studio, Pune – an acoustic consultancy that is working on projects all over the country and abroad. Graduated from the Pune University, and for the past 6 years he has been in the field of Architectural Acoustics.

He is a harmonium and keyboard player, and has composed the music for 3 films and more than 10 theater plays.



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**Mona doctor-Pingel**, Auroville

Mentor at Auroville

Graduated from School of Architecture, CEPT, Ahmedabad and did her masters in Germany on Appropriate Technology at Flensburg University. Since 1990, Mona has been practicing in Auroville and her studio Naqshbandi offers a personalised approach to holistic solutions for designing and building - stressing on research in the fields of Baubiology (Building Biology) and activating the five senses through architecture, interiors and landscaping while combining beauty and functionality.

Sustainability for her is a way of life and not an add-on. She has been a core group member of the Dreamcatchers, a forum for envisioning and participatory city planning. She is currently a member of L'Avenir d' Auroville, Auroville's Town Planning and Development Group.

[www.auroville.org/thecity/architecture/mona.htm](http://www.auroville.org/thecity/architecture/mona.htm)



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**Ganesh Bala**, Auroville  
Jury Member at Auroville

Studied architecture in Mumbai, and has stayed and practiced in Auroville for almost twenty years. He is the co-architect of ILC, Verite in Auroville



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**Dominic Dube**, Bangalore

Jury Member at Auroville

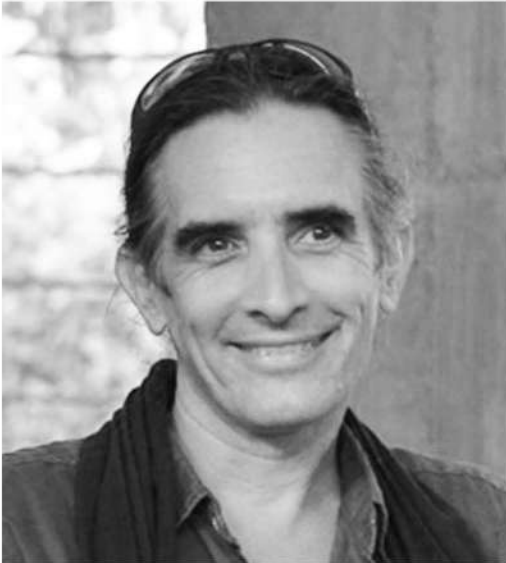
Received his training in Canada and Italy and has been practicing architecture professionally for over 25 years. He has worked in countries all over the world, including Canada, Italy, Mexico, Thailand, Greece, France, the United States and, for the past sixteen years, India. He has been involved with projects of all scales, from intimate interior spaces to large town and urban planning schemes.

As part of his university program, travelling became a part of his life, a pilgrimage that hasn't stopped ever since. Unsatisfied by the creative process taught in schools and the architectural set-ups he was seeing in the cities, it was through painting that Dominic found his way to generate forms and ideas.

He is the co-founder of DDIR architecture studio, Bangalore.

[www.ddirarchitecture.com](http://www.ddirarchitecture.com)





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## **David Nightingale**, Auroville

Assistant Mentor to Mona at Auroville

Studied architecture at Newcastle University (UK) and the TU Darmstadt (Germany). After working in Toronto and Berlin, he became disenchanted with the status-quo and spent a year traveling around the world with the aim of exploring alternative lifestyles and communities. He arrived in Auroville in 1997 and since then has been involved in various architecture and planning projects within Auroville including a learning center, performing arts center, a school and an apartment complex.

He is a core group member of the Dreamcatchers, a forum for envisioning and participatory city planning, and he is in the process of founding Auroville Architectural Service Unit - a collective for architects to work together in Auroville.



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**Gurjit Singh Matharoo**, Ahmedabad

Mentor at Udaipur

Principal at Matharoo Associates, a startup firm that began operations in Ahmedabad, India in 1992. The firm, since its inception, has been involved in a diverse range of projects that have brought them international as well as domestic recognition.

Conferred International Fellow RIBA 2012, Winner Chicago Athenaeum International Architectural Award 2011, Winner AR house Award 2010, Winner AR Emerging Architecture Award 2009.

He is a visiting faculty at his alma mater- CEPT University, and at NID, Ahmedabad. He is deeply passionate about the mechanics and design of automobiles.

[www.matharooassociates.com](http://www.matharooassociates.com)



**Iype Chacko**, Bangalore

Jury Member at Silvepura

Studied architecture at CEPT,Ahmedabad and is currently partner at Flying Elephant Studio, Bangalore. He previously worked in Dubai with Brewer Smith & Brewer Gulf and dxb-LAB. His interests lie in appropriate methodology and details that foster a more restrained use of materials.

He has been involved in lectures and workshops at USD Mysore, KRVA Mumbai, RV College, Bangalore and SAP Chennai.

[www.flyingelephant.in](http://www.flyingelephant.in)



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**Rajesh Renganathan**, Bangalore

Mentor at Silvepura

Founding partner of a Bangalore based architectural practice Flying Elephant, that is engaged in projects across the Indian subcontinent. The firm has received The Chicago Athenaeum Award 2014, Holcim Award 2011 and Jury Commendation, AR Awards for Emerging Architecture 2009.

He lives in Bangalore with his film-maker wife and teenage daughter, and is an avid traveler and food enthusiast, who enjoys intense experiences of both nature as well as urbanity.

[www.flyingelephant.in](http://www.flyingelephant.in)



**Diana Segura**, Mexico City

Photographer

A photographer, born in Mexico City; She discovered her passion traveling around the world. She decided to start studying photography in Florence, Italy in 2009.

In 2012 she travelled to Vancouver BC with the purpose of developing her skills in the film industry, this journey was one of the most important experiences in her life. There she realized that she wanted to create and capture scenes about consciousness in order to help humanity to evolve and blossom in any fields.

Nowadays, with this vision she is experiencing and volunteering at Auroville, India. "I strongly believe that in order to transform and expand ourselves as human beings is necessary to serve". Diana will finish her master degree as a photographer in Mexico and will specialized in motion picture arts to share her vision of oneness.



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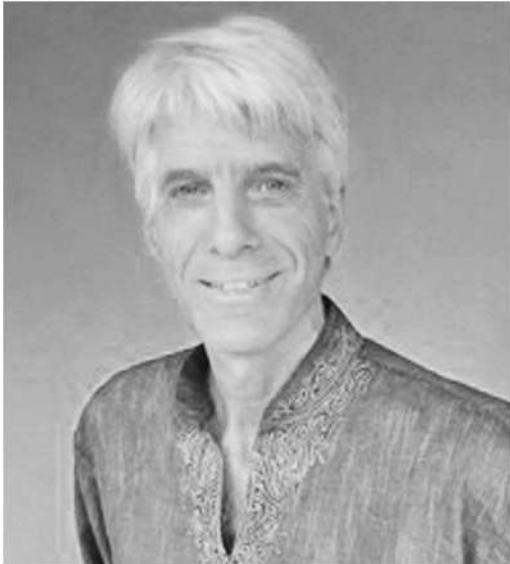
**Kailash Pradhan**, Gangtok

Master Juror at Ahmedabad

Studied architecture at CEPT, Ahmedabad and worked with Gautam Bhatia for a year, who was commissioned a few public buildings in Sikkim at the time. The period from 1992-2004 in Sikkim was a time of grappling with the local context that was not familiar with the practice of architecture as a profession. Though the potential to practice architecture was fertile, the conditions were raw. The Architects own house was a cumulation of the thoughts churning at the time, using bamboo reinforcement and light weight dry construction.

He spent the time from 2004-2009 in Bhutan, managing design and construction at site and assimilating the Bhutanese ethos and architecture.

In 2009, he returned to Sikkim and has a small practice in that is interested in the nuances of localness and is engaged an 'inside out growth' process that wants to counter the homogenising effects of the 'global economy'.



**Dhanya**, Auroville

Host at Auroville

One of the founders of Verite - an experiment, among other things, in transformation through community. Founded in 1985, it has developed into an intergral learning campus which hosts Auroville workshops as well as students and researchers from around the world. Originally from the Netherlands, he has been living in Auroville since Verites inception.

[www.verite.org](http://www.verite.org)

[www.verite.org](http://www.verite.org)



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**Geeta Pandit**, Ahmedabad

Assistant Mentor to Gurjit at Udaipur

Trained under Gurjit Singh Matharoo and studied urban design at Oxford Brookes. She worked for 8 years in London with a variety of architects including David Adjaye and Pierre d'Avoine before returning to India to co-found ARUR, and is also a visiting faculty at CEPT.

She has worked on a number of architecture, master planning projects and has delivered award winning competition entries.

[www.studioarur.wordpress.com](http://www.studioarur.wordpress.com)





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**Imogen Sahi**, Silvepura

Host at Silvepura

Co-founder of Sangam and a teacher of Geography and Biology who has been trained at Exeter and Homerton College Cambridge, UK. She worked as a leading science teacher, and teacher in charge of Biology in the Bishop Wand School, Surrey, UK, before moving to India.

Her work at Sangam -an education organization and residential study centre in semi-rural village - involves communication and co-ordination with visiting groups and institutions that they work with, development and delivery of teaching resources and information during their education programmes.

[www.sangamprojects.com](http://www.sangamprojects.com)



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**Kiran Sahi**, Bangalore

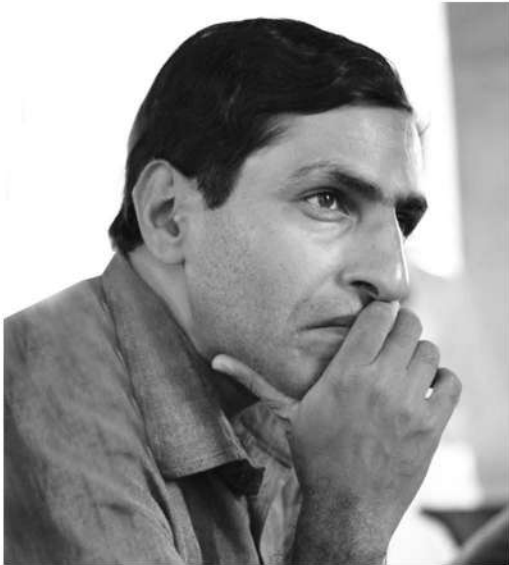
Host at Silvepura

Co-founder of Sangam and Labyrinth, he is a designer, trained at the National Institute of Design (NID, Ahmedabad) and is a consultant teaching faculty at Srishti School of Art, Design and Technology.

Kiran has developed "the Land" into a place for enabling learning. His work at Sangam involves development and delivery of teaching resources and information during our education programmes, education consultancy, designing and executing educational platforms for understanding India, and design of products executed by Labyrinth Studio.

He is skilled at contextualizing and explaining India's changing face, its physical and human geography, and its culture, and understands well how this relates to teachers and students from the UK.

[www.sangamprojects.com](http://www.sangamprojects.com)



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**Sankalpa**, Ahmedabad  
Master Juror at Ahmedabad

Studied architecture and urban design from CEPT University and has been teaching construction, structure and design studios at the University for the last seven years.

He is keen towards developing methods of teaching construction that are bodily involved; modelling techniques that can be experienced and verified. Exploring new forms in various materials is his area of interest. He has been conducting several tectonics related workshops across India. He is actively involved in community work, like the post disaster reconstruction after 2008 in Kosi region.

He is one of the founding members of 'Thumb impressions Collaborative'. The group shares diverse interest in urban design, architecture, structural engineering and photography, exploring diverse material palette for design and construction including rammed earth, bamboo and timber along with other materials.



**Kumbha Young Grenier**, Auroville

Presenter: 'Sound and Architecture Design'

Music. Space. Design.

CEO at Sound Wizard, which specializes in full service design of professional and high-end acoustics, and audiovisual environments. Since 2000, his company has designed over one hundred world-class projects ranging from the finest professional music studios and auditoria, to hotels, nightclubs, residential entertainment environments and elite home cinema rooms.

Consciousness is the central value to Kumbha's approach to life and all things he takes part in. It is his generalist experience with a hands on approach to problem solving that make things happen and move forward.

[www.soundwizard.net](http://www.soundwizard.net)



**Mita Radhakrishnan**, Auroville

Presenter: 'Tomatis Therapy'

Co-founder of the the Auroville Language Lab, a full-fledged language laboratory that draws upon the unique linguistic culture of Auroville. Integrated education set to each student's pace and experience.

It is a place where people of all ages and nationalities come together to learn new languages, and in the process learn more about each other and themselves. In addition to providing a beautiful and inviting space for language learning, the lab is also involved in several ongoing projects, research, and exclusive material creation.

[www.aurovillelanguage.org](http://www.aurovillelanguage.org)



**Rajmohan Shetty**, Bangalore

Jury Member at Silvepura

A practicing architect and academician, based in Bangalore. He studied architecture at CEPT, Ahmedabad and MIT, Boston, and has taught architectural design at RPI - New York, RVCE Bangalore and SIT Tumkur.



**Shail Choyal**, Udaipur

Presenter: 'Miniature painting'

Studied painting at Udaipur University, and followed this with a Diploma from Jaipur School of Art. He went on a 10 month study tour to London to study graphics, sponsored by British Council.

Painter, printmaker and a teacher, he is known for his distinctive miniature style through which he has carved a niche for himself in the contemporary art scene in the country.

Among the honors and awards received by him are Gold Medal in Master's Degree Drawing and Painting (1969), Rajasthan Lalit Kala award for printmaking (1969), and Bombay Art Society award for painting (1971).



**Varna Shashidhar**, Bangalore

Assistant Mentor to Rajesh at Silvepura

She practices Landscape Architecture with her firm Varna Shashidhar Landscape Architecture (VSLA) and is passionate about designing contextually rooted and sustainable landscapes that celebrate culture, art and ecology. Varna has a bachelor's degree in Architecture from RVCE, Bangalore and a Master's in Landscape Architecture from Graduate School of Design, Harvard University.





**Sameep Padora**, Mumbai

Master Juror at Ahmedabad

Studied architecture in Mumbai, New York and Los Angeles and received his Master's Degree from the Graduate School of Design at Harvard University in 2005. His firm's projects have received numerous international awards. Sameep also lectures at various forums and was one of 6 international design firms invited to speak at the Royal Institute of British Architects (RIBA) in 2011.

Earlier this year the studio was invited to exhibit its work at the School of Environment and Architecture (SEA) and at the Somaiya Bhavan in Fort in Mumbai. The exhibition entitled Projective Histories elaborated the studio's design process through a series of Models, Drawings and Mock ups.

[www.sp-arc.net](http://www.sp-arc.net)



**Krishna Mistry**, Ahmedabad  
Coordinator

A recent graduate from Faculty of architecture, SCET ,she holds a love for travelling and believes in learning-by-doing approach. Her deep interest in the likes of Matharoo Associates has brought her back to the firm after a yearlong internship period. She is currently working as an architect at the firm, while looking forward on pursuing her Master's in spatial design in the near future.



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**Roshan Sahi**, Bangalore

Host at Silvepura

Studied in Sita School in rural Bengaluru until the age of 12, and later studied Art in Santiniketan, West Bengal. He has worked as a consultant Art teacher in different Schools of diverse social backgrounds. Gardening is an important dimension in his work, and he has worked in areas of Horticultural therapy and with people of learning disabilities. Co-authored a handbook for Teachers to help them teach their class subjects in creative and artistic ways.

Presently is a free-lance artist and pedagogist, working for the IFA, and is artist in residence at MAIS.

[www.roshansahi.blogspot.in](http://www.roshansahi.blogspot.in)



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**Hardik Pandit**, Ahmedabad

Jury Member at Udaipur

Holds a master degree in Spatial Planning from Oxford Brookes University, and has worked with Gurjit Singh Matharoo, B.V Doshi and AECOM.

With more than 10 years of urban design, architecture and master planning experience, Hardik's work spans across the globe, from Rio Olympics 2016 to developing the land use plan for Vishakhapatnam Port in India. Key projects include: London Olympics 2012, a sustainable urban extension to Cambridge University, regeneration master plan project in Sao Paulo, Brazil, Bromley Town Centre Area Action Plan, Saadiyat Island master planning, Brahmaputra Riverfront design competition. Critical analysis of development plans for Rajkot and Surat.



**Sanjeev Shankar**, Bangalore

Jury member at Silvepura

His training in industrial design at IIT in Mumbai, Science and Centre for Science, Ecology and Architecture in New York and architecture at SPA, New Delhi, is used to merge traditional craft based knowledge with contemporary cultural and technological patterns. He's been a recipient of the Chevening&Daad Fellowships and was shortlisted for Emerging Architecture award at RIBA in London. He's won the "10 great ideas to change the world" by IIT- Bombay.

[www.sanjeevshankar.com](http://www.sanjeevshankar.com)

**PIT**Studio 2015



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**Karan Bhat**, Nasik  
Participant

Completed his Bachelors of Architecture degree in 2012, and was part of Sameep Padora Associates, Mumbai for a duration of 3 years.

His interest now are influenced by architects Sameep Padora and Krishan Kumar, under whom he interned. He wishes to apprentice for some more years in an Indian scenario, before pursuing his Masters degree that will enable him to have wider perspective for solutions as an architect.

Bhatkaran88@gmail.com



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**John Sajan**, Kottayam  
Participant

Born and brought up in the Southern state of India- Kerala. Fascinated by the creation of virtual worlds in the world of animation and game design, he took to interest in architecture. Graduated with a degree in architecture from University School of Design, Mysore in the year 2015.

Besides architecture, he is also passionate about product design, automobile design, music and travel.

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**Aditi Rakhe**, Surat  
Participant

Completed her Bachelors in Architecture from the Faculty of Architecture, S.C.E.T, Surat in May 2015 by submitting her thesis titled 'Interpreting Vernacular architecture as a Sustainable Paradigm – A case of Gujarat'

An ardent reader, she co-edited her college magazine 'We- A retrospective' for the academic year 2012- 2013. She has written guest columns for various other magazines-architectural and otherwise, including the Indian Institute of Architects (IIA) news letter, Surat chapter.

As an active participant from her college in the National Association for Students of Architecture (NASA) conventions, she participated independently in the Journalism trophies 2011 and 2012.

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**Nandja Chopra, Delhi**  
Participant

Graduated in 2015 from Buddha College of Architecture, Rajasthan Technical University, Udaipur . She is originally from New Delhi, where she did her schooling.

She interned at a multi-diciplinary firm, UNItecture in Pune, and at a landscape and urban design firm NIRNIK in Udaipur, and has worked in the design cell of her school- undertaking projects for Udaipur Municipal Corporation.

Apart from architecture, she enjoys travelling, dancing, designing ethnic wear in collaboration with an established boutique, painting and making documentaries .

nandjac@gmail.com



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**Abhishek Patel, Surat**  
Participant

Pursuing his final year in Bachelors of Architecture from Sarvajanik College of Engineering and Technology, Surat, and would further like to pursue a Masters degree from a school in the United States - with a view to get the better education and expand his horizon of knowledge.

He is currently working at Matharoo Associates as a trainee. At the firm, as he is exposed to field work, Abhishek is able to use his knowledge of architecture tools to create the best possible design and is also creatively proficient in inventing new unusual designs, if needed. His passion, skills, motivation, and self-driven attitude for little details makes him one of the best viable candidates in a large pool of this field.

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**Adhiti Gautama**, Coonoor  
Participant

Graduated in 2014 with a Bachelors degree in Architecture, from University School of Design, Mysore, India. She interned with Studio Mumbai Architects (Principal Architect: Bijoy Jain) in 2013.

Adhiti currently lives in her hometown, Coonoor - where she acquired her love for nature. She is an avid reader, dreamer, traveller and dog lover. Enjoys good music and is constantly amazed by those with the ability to create music. Drawing from “The Little Prince”, she looks, in life, for the elephant within the boa constrictor.

[adhutigautama@gmail.com](mailto:adhutigautama@gmail.com)



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**Sreoshy Banerjee**, New York  
Participant

Interested in developments in urban conditions and how they contribute to a cultural model of architecture, combines her degrees in architecture and urbanism, to help understand the context of projects and how they inform specific research, design, development, and resolution.

Her academic background in both Architecture and Urban Design also helps her operate on multiple scales. Her expertise in research and design throughout academic years, has led her to travel with the Aga Khan Foundation, as well as receive an M.I.T MISTI India grant, to develop a framework for a cultural model of waterfront development.

Professionally, across the years, she has gained exposure to a variety of internationally renowned offices, and corporate practices, giving her the skills and adaptability to work in multiple settings.

sreban20@gmail.com



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**Ahaladini Sridharan**, Chennai  
Participant

Graduated with a Bachelor of Architecture degree from H.C.E, Chennai in 2010. She joined Matharoo Associates as an Architect soon after graduation, and worked with them for four years before branching out recently to travel, explore and attempt developing an individual response to architecture.

She is currently freelancing out of Chennai, India and meditating on the merits of pursuing a Master's degree.

ahaladini@hotmail.com



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**Nazia Rehman**, Bangladesh  
Participant

Currently in her 5th year at the BRAC University, Dhaka, Bangladesh. She recently completed her internship from Flying Elephant Studio, Bangalore and is eager to complete her studies and join the professional world.

nazia0491@gmail.com



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**Tyler Stevermer**, San Francisco  
Participant

A designer, editor, researcher, and educator, he completed his Master of Architecture at MIT in 2015 and his Bachelor of Science in Design at the University of Minnesota in 2008.

His design work attempts to manifest physical form in the built environment through history and theory—entering the design profession at the connection between embodied experience and physical space. Seeking design methods and processes that stem first from the occupant, he strives to create sutures between the built environment and our physical, mental, and digital realities to find new ways to live and inhabit.

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**Abhijeet Manjunath**, Bangalore  
Participant

Pursuing his final year in Bachelors of Architecture, from BMS College of Engineering, Bangalore. An intriguing interest in human responses of living spaces early on, led him to the steps of Architecture. Over his short, 4 years of experience, a design methodology has been cultivated, that involves an initial geometric abstraction, which is then developed as a dynamic architectural response to the function and context. This rhythm of workflow questions the relationship between the being and the building, to create architectural solutions for a co-inhabiting atmosphere.

mabhi93@gmail.com



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**Rosanna Rolfe**, London  
Participant

Graduated from Nottingham Trent University with a Part 1 Architecture degree and has since been working as an architectural assistant in London, on projects within the cultural sector, and is interested in sustainable design, conservation and redevelopment of historic buildings along with innovative modernist interventions.

While working in London for another year, she looks forward to beginning her Part 2 studies in Architecture in England or abroad.

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**Rasha Shahul, Kochi**  
Participant

Born in Al Khoper, she was brought up in the developing city Cochin, Kerala from the age of four. Her South-Indian parents nurtured and encouraged her interest in arts as well as academics, so when the time came for her to pick between the two, she chose neither, but an offspring of the two that is Architecture.

Currently in her final year of school, she feels architecture has provided opportunities to travel, learn new and different things and with it gain more than just one perspective on what is around us.

[rashashahul.rawther@gmail.com](mailto:rashashahul.rawther@gmail.com)

# Projects

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Studio Design Project: **A Sound Design - Svaram Campus**

Mentor: **Mona Doctor-Pingel** / Assistant Mentor: **David Nightingale**

Contributors: Aurelio, Harshad Mehendale, Diana Segura, Mita Radhakrishna, Dhanya, Kumbha Grenier

Site : approx **4000 sq mt** ; built up area : **1800 sq mt**.

The programme consists of various activities combined together, presenting an interesting opportunity for a integral campus that holds together production of musical instruments, a museum for research on ancient and modern instruments, a showroom for sales of products, residential quarters for researchers, a therapy area as well as offices and a canteen.

The total expected persons on the campus at any given point in time would be about 50. Visitors to the showroom would be up to 100 at a time.

For the purposes of this Studio we will work in teams on different parts of the campus design - each with their own quality and specificity in relation to Sound.

**Spaces/Sections and their qualities, parameters, values:**

**Artisan Workshops, Stocks**

**Construction/Course Hall:**

safe, daylight, ventilated, noisy, dusty,

**Reception, Showroom:**

inviting, iconic, friendly, modern,

**Museum, Expo: ground, +1**

land-and soundscape, spacious, explorative, elevating

**Sound Healing:**

quiet, atmospheric, landscaped, simple beauty

**Services, Canteen:**

clean, simple, easy maintainable,

Teahouse; precious, special, clear

**Administration:**

clarity, healthy workstations

**Study, Training:**

upstairs, simple, efficient

**Residences: ground +2, Amenities:**

Sustainable, healthy, practical

**Watertank:** featured, possible landmark

**Wastewater:** integrated, landscaped, water recycled

**Generator:** camouflaged, sealed

**Waste/Recycling area:** easily accessible







Pitstop : Silvepura Studio  
Theme : Restrained Regionalism  
10<sup>th</sup> aug to 14<sup>th</sup> aug '2015

Studio Design Project : 'The Common Ground' **Hesaraghatta Bund**- Lake Bed

Mentor: **Rajesh Renganathan**/ Assistant Mentor: **Varna Shashidhar**

Contributors: Kiran, Roshan, Imogen, Jyoti Sahi, Flyingelephant Studio, Champaka Rajagopal,  
Sanjeev Shanker

**Overview** : The studio will focus on aspects of the 'nature-culture' continuum observed in the regional landscape; from 'raw' terrain - natural 'elements' to rural settlements and then the city. Participants will immerse themselves in the terrain of the Deccan landscape: red ferrous rich soil, granite extrusions-rocky outcrops, or 'Durgas', and grassy scrub land endemic to the region.

Within this is an ancient system of man-made lake beds, or 'Kalyani's, interconnected by the seasonal Arkavathy river. This geography supports a lifestyle that is characterized by traditional villages often located in the shallow valleys next to manmade embankments, or 'bunds', which create the lakes. There are the 'Thotatas'-vegetable gardens/orchards which are intensely farmed with irrigation and then the open agricultural fields which are dependent on the monsoon rainfall.

Participants will be taken on field trips to geological and cultural sites including Nandi 'Durga' hills, Arkavathy valley, Hesaraghatta lake and environs of Silvepura(including a cemetery within tree groves, small water harvesting tanks, to 'Aralekattes' and local shrines/temples), and finally a visit to Bangalore city – whose uncontrolled explosive growth is rapidly consuming the rural landscape.

**Site:**

The design intervention will be along the Hesaraghatta Bund-lake bed, a dramatic site located along the Arkavathy river valley. The bund is a landscape infrastructure but also a common connector, connecting various areas along the valley, and acting as an edge between a temporal landscape of the lake and the cultivated landscape of the surrounding Totas. The temporality of the landscape, combined with specific historic and cultural markers; temple, colonial boat club and pumping station, is further enriched by gathering a multiplicity of meanings including communal use of this terrain for recreation, fishing, as cattle grazing commons, and a source of clay for pottery /brick kilns (experience of the seasonality of the waterscape), juxtaposed with the engineered technicality of the reservoir system.

**Project / Outcome:**

The Participants will be encouraged to collectively discuss and propose design interventions of a public nature that creatively engage the rich layered potential of the project site. The outcome will be multiple context sensitive insertions that will respond to the historic, cultural and ecological landscape of the site as well as the larger region. Studio participants will produce mappings/ readings of the site and design responses articulated through means of drawing and physical / digital models.

**Studio Structure:**

Periodic Lectures will be interspersed within an immersive studio structure. Lectures on : Symbolism associated with the cultural landscapes, Representing the landscape, Studies on Materiality, Craft and Architecture that link 'old and new'/temporary-permanent , Bangalore city from an Urban Planning perspective; shall combine with studio work sessions and frequent crits. The week's program will examine the readings of a place through the geology, flora fauna, culture, geography and materiality; the key being observing/recording/responding to the interrelations of nature and culture in the built environment.



- 'The Common Ground' Hesaraghatta Bund, Silvepura | 56



-'The Common Ground' Hesaraghatta Bund, Silvepura | 57

Pitstop : Udaipur Studio  
Theme : Unabashed Modernism  
17<sup>rd</sup> aug to 21<sup>th</sup> aug '2015

Studio Design Project : **Udaipur Primary Health centre and Public Facility- Uplift**  
Mentor: **Gurjit Singh Matharoo**/ Assistant Mentor: **Geeta Pandit**  
Contributors: Shail Choyal, Hardik Pandit

All cities are in a state of continuous transition, hence evolving their identity and visual integrity rapidly. This overall evolution in the built environment is inevitable, as factors of urbanization take prominence. While the smaller cities and towns have been able to retain their unique character and identity, yet they are equally at a risk of becoming anonymous like the metros. Its here, within the dense city fabric of these small cities lies the potential to make buildings which are both, true to their times and yet rooted in the strong fabric of that place. This new premise with a bold architectural response can be meaningful with its emergence and yet be inevitably contextual.

Rajasthan a native to Gurjit, also has one such small city – Udaipur, with a population of 600,000. Despite being so rich in heritage and culture, the city has faced deterioration in pockets with an overall decline in community health. The lakes, which quench the thirst of the city, face abuse and are polluted with varying activities. One of them being open defecation – a blot on the city. Open defecation is due to lack of sufficient public toilets in close proximity to the users and also low quality and poor hygiene levels of the public buildings. Such activities have had an unequivocal impact on the health delivery system of the city with a high incidence of waterborne diseases. Udaipur cradles rich historical assets but has been continually in the process of alteration. These alterations to the city fabric have created issues that are now a threat to its built environment.

## ISSUES

**MUTATION OF CITY FABRIC** | The former 9 ramparts of the city have been modified giving way to new development thus risking the historic nature of the city.

**PERILS TO THE LAKE SYSTEM** | The city's lake system was once considered to be the world's first man-made micro system of river diversions, linkage and watershed management system. Inadequate sewage systems, overgrowth of hyacinths, industrial waste, deforestation and heavy lakeshore development have left the 5 prominent lakes and the lake system, a backbone of the city under imminent danger of degeneration.

**DECLINE OF THE BUILT ENVIRONMENT** | The fine city fabric has been modified over years with unplanned growth. These changes over time are felt in the alterations brought about in the built environment such as a change in function, modification of the street façade and removal of old structures.

**LACK OF PUBLIC SANITATION** | There is tremendous lack of awareness about the importance of hygiene and sanitation improvements within the city. Once bathing ghats, located along the lakes of Udaipur, now witness dump from public activities infecting the water chain thus making the water unfit for use.

India is looking forward to develop 100 smart cities in the next decade, but one can question whether our cities are even presently healthier? Large statistical data points out clearly that our cities and communities suffer from poor health records. A set up for a Primary Health Centre, the most basic health care is a requisite to provide accessible, affordable and available health care to the locals. Also equally important is to eliminate open defecation and provide Public Facility like public toilets. Often is the case that buildings by the state do not exhibit high quality architecture while maintenance of the same being a major challenge. The aim of the studio focuses on developing public facilities for the upliftment of the local community's health care system through sensible architectural intervention. This is the opportunity to make something that not only appeals to our aesthetic sensibilities but also to our public and communal lives as well.

The vital questions envisioned here would be:

- Can a basic public building create a positive impact to the community and the neighbourhood?
- Can a good architectural design change the perception of inchoate public buildings?

## TOWARDS A SOLUTION

For Udaipur to again rebuild its healthy communities, The Government of Rajasthan along with National Urban Health Mission has come up with a proposition– an initiative to be a participant of the 'Clean India Mission'.

### PROGRAM

Site Area | Approximately 500 sq.m

Total Built Up | Approximately 1000 sq.m

#### • PUBLIC HEALTH CENTRE

- Reception
  - Medical Officer Cabin
  - Consultation Room
  - Surgery room
  - 4- 6 beds for patient
  - Staff Room | 14 members
  - Orientation and Skill Development

#### Training Centre

- Circulation and Toilets as required
- PUBLIC FACILITY
- Public Toilets

The two methodologies will carefully divulge to address every aspect of the design and will have a focus that every participant can aim to address in their designs.

**FOCUS CONTEXT** | Contextual design framework can have an empathic and an independent attitude to its immediate surroundings. Appropriate responses to local context range from repeating or reinterpreting local building patterns, through to deliberate and considered contrast. Responsive design is about more than just following the style of adjacent buildings in order to ‘fit in’. Maintaining local identity requires a more imaginative and rigorous response to the local context, if the qualities of contrast and variety that characterise a place are to be retained.

**ARTICULATION** | The built form will be unique to every site, circumstance, culture, climate and program and will help to develop a design language that is very individualistic. This element can help to highlight the visible aspect of the building to develop an independent vocabulary of its own.

**MATERIAL PALETTE** | The material selection process can be influenced and determined by numerous pre-conditions, decisions and considerations relating to immediate context. Exploring materials that assume different qualities at different times of the day can express variance to the built form. This can provoke inhabitants to touch them because of their distinctive tactile qualities thereby engaging sensually in a dialogue with the built form.

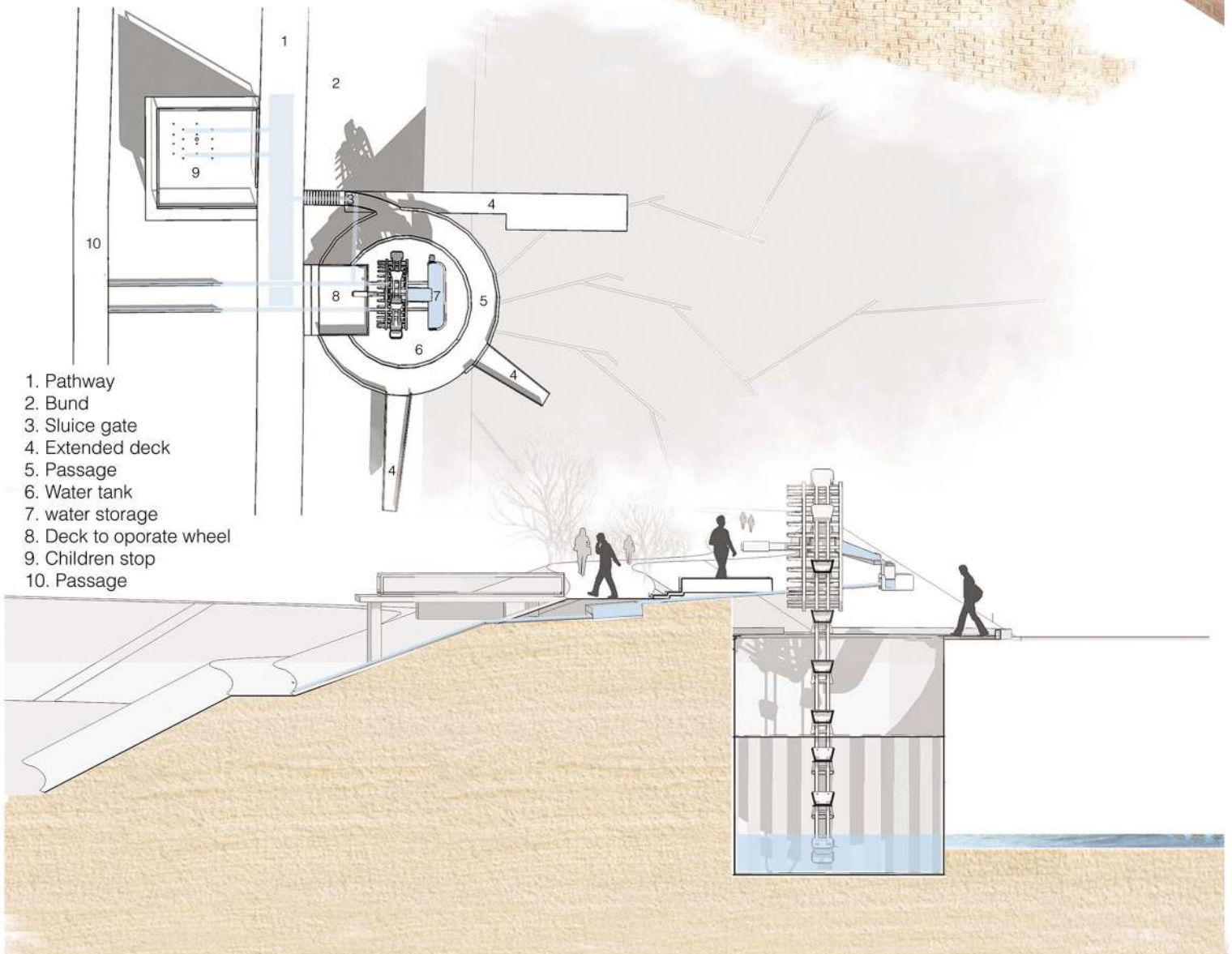
**PUBLIC REALM** | The quality of public realm in projects is of much importance, as it embraces the external open places in our towns and cities that are accessible to all. It can be an integral element of the design to create a space, ambience for a development, initiating a lifestyle, new public interface and creating quality built environment. The in-between public spaces that allow fluidity and interaction can be defined by elements in the cultural landscape



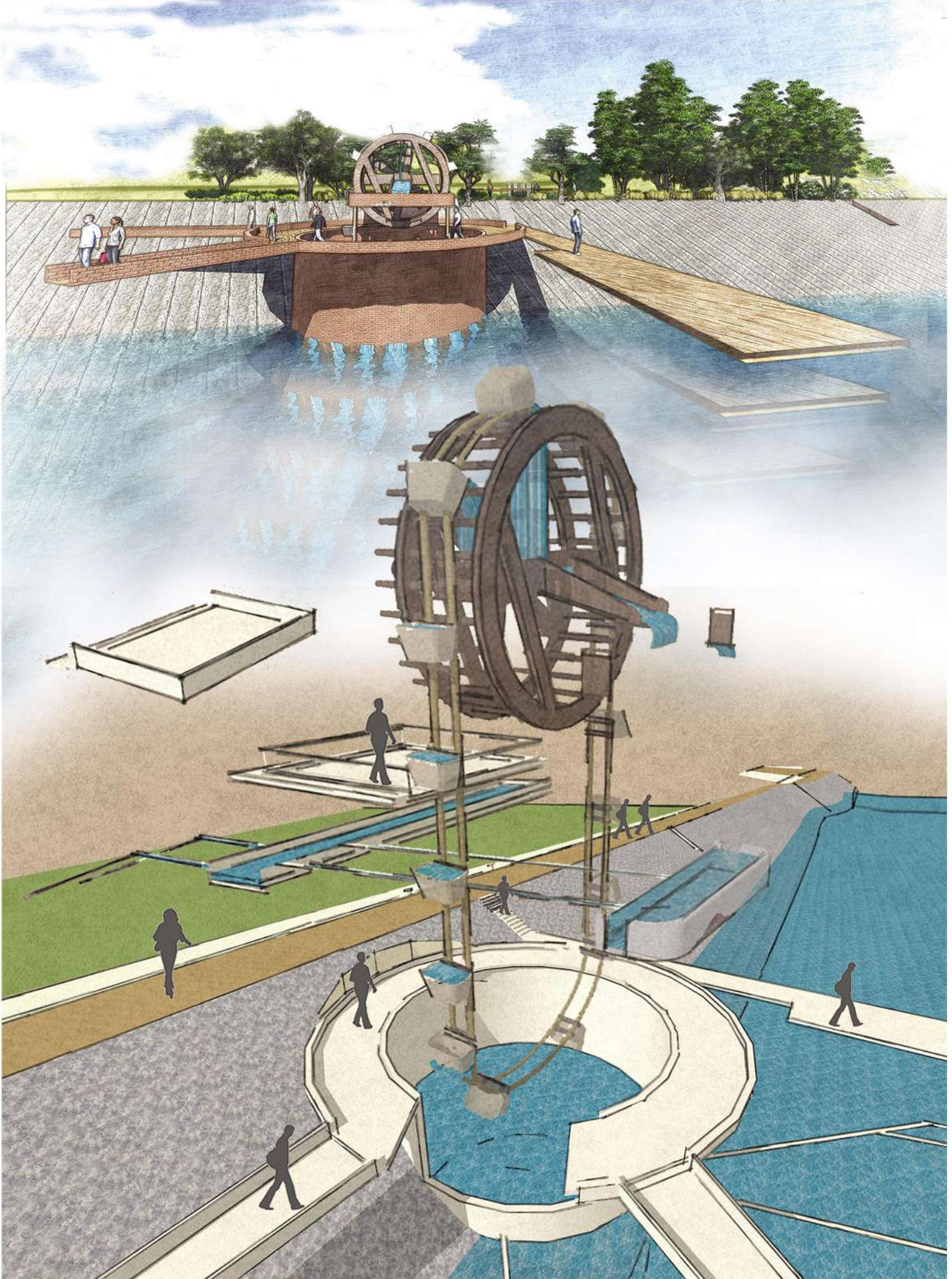


-Studio site, Udaipur | 62

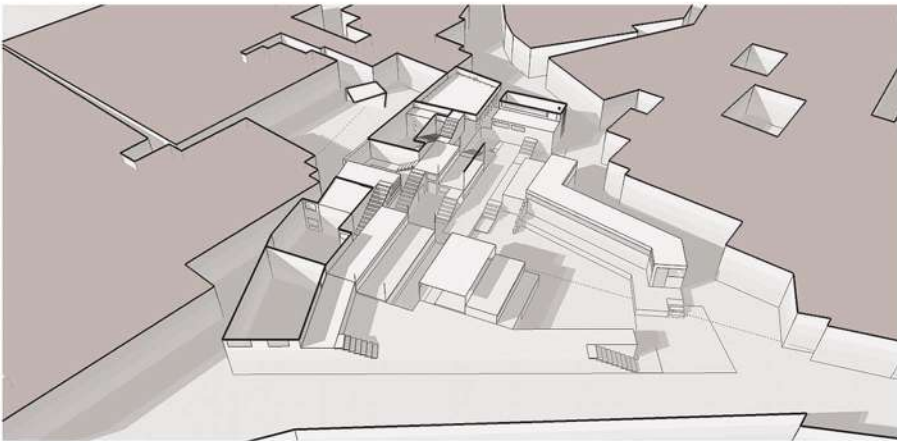
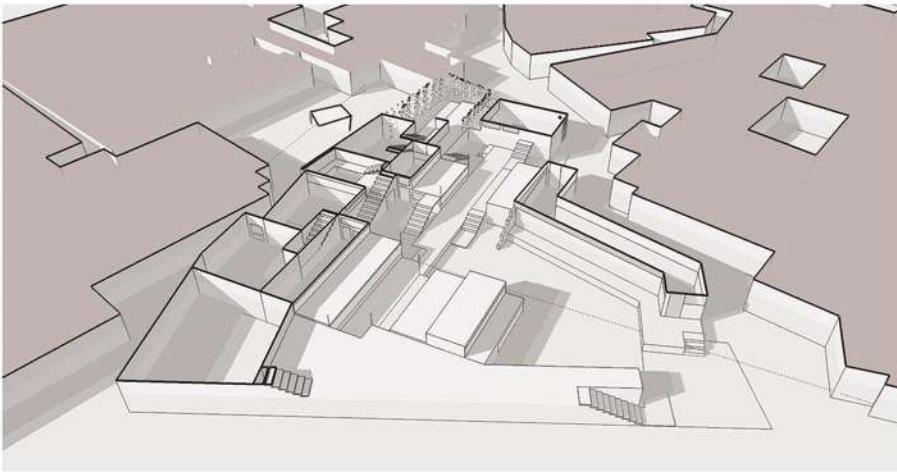
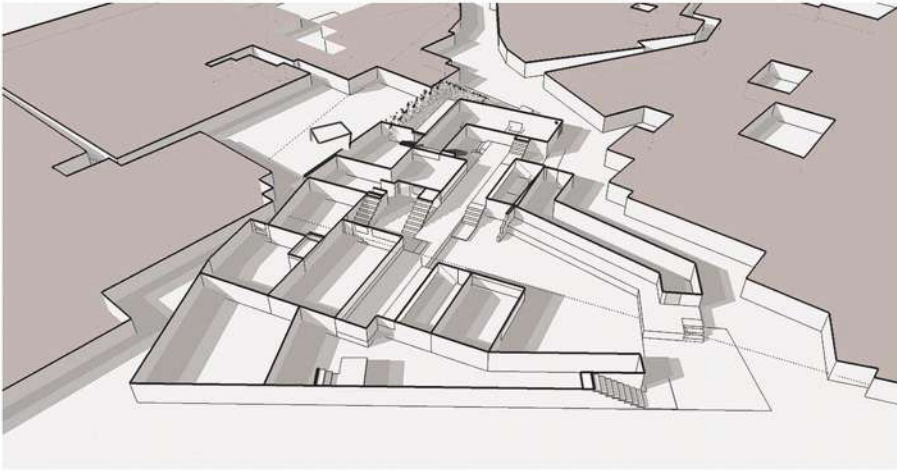




- 1. Pathway
- 2. Bund
- 3. Sluice gate
- 4. Extended deck
- 5. Passage
- 6. Water tank
- 7. water storage
- 8. Deck to operate wheel
- 9. Children stop
- 10. Passage





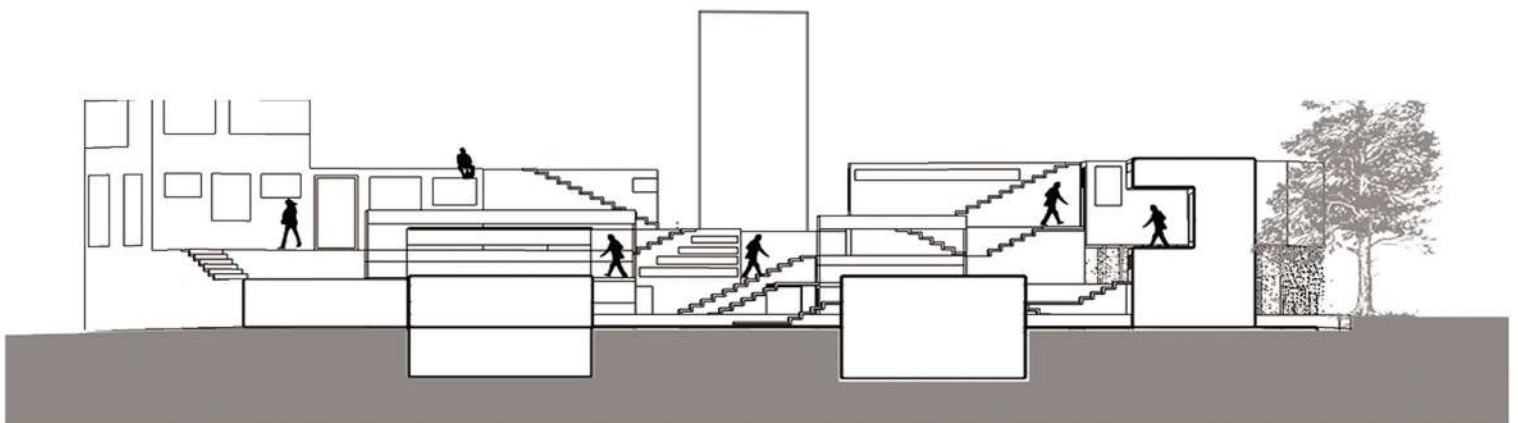


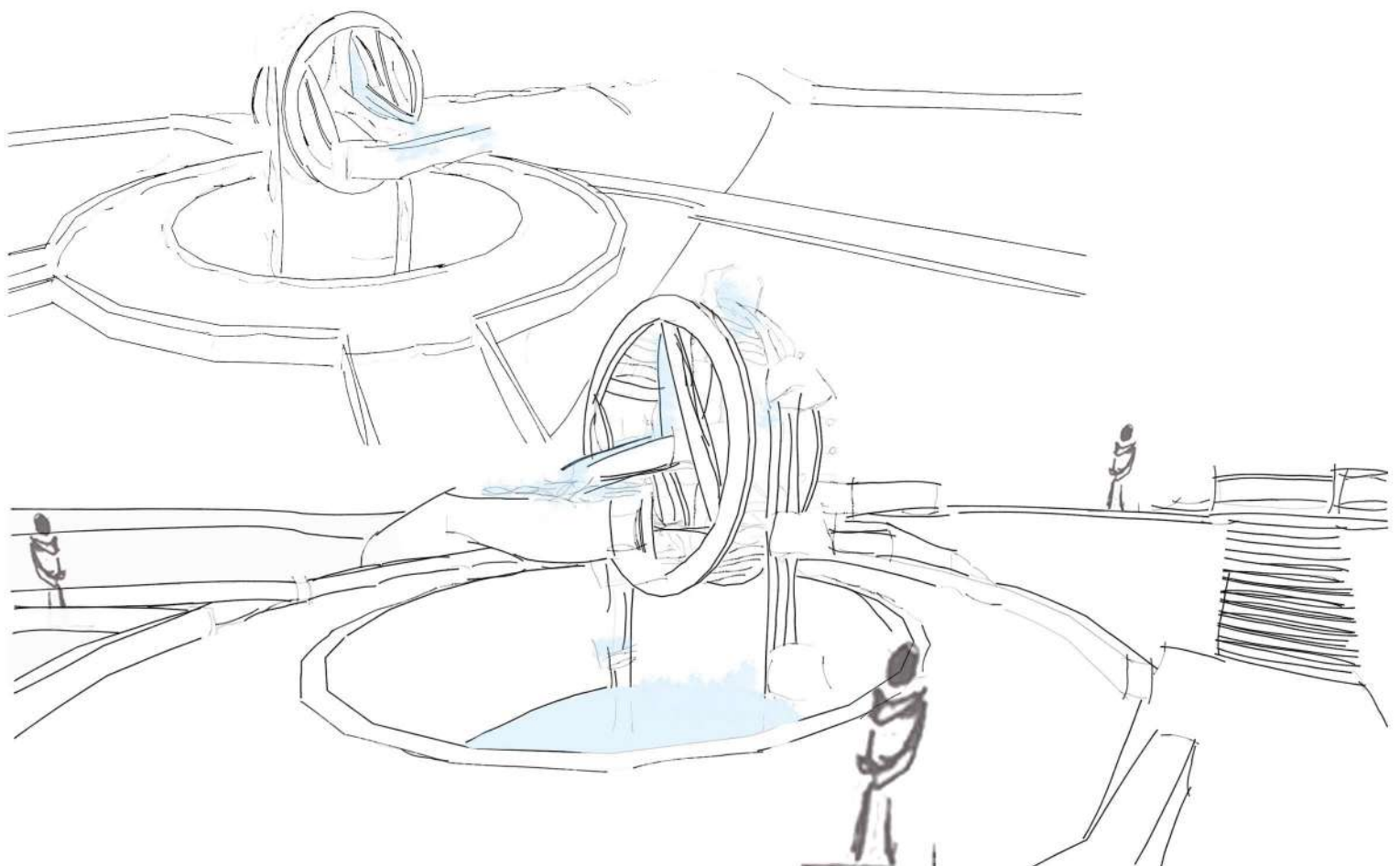
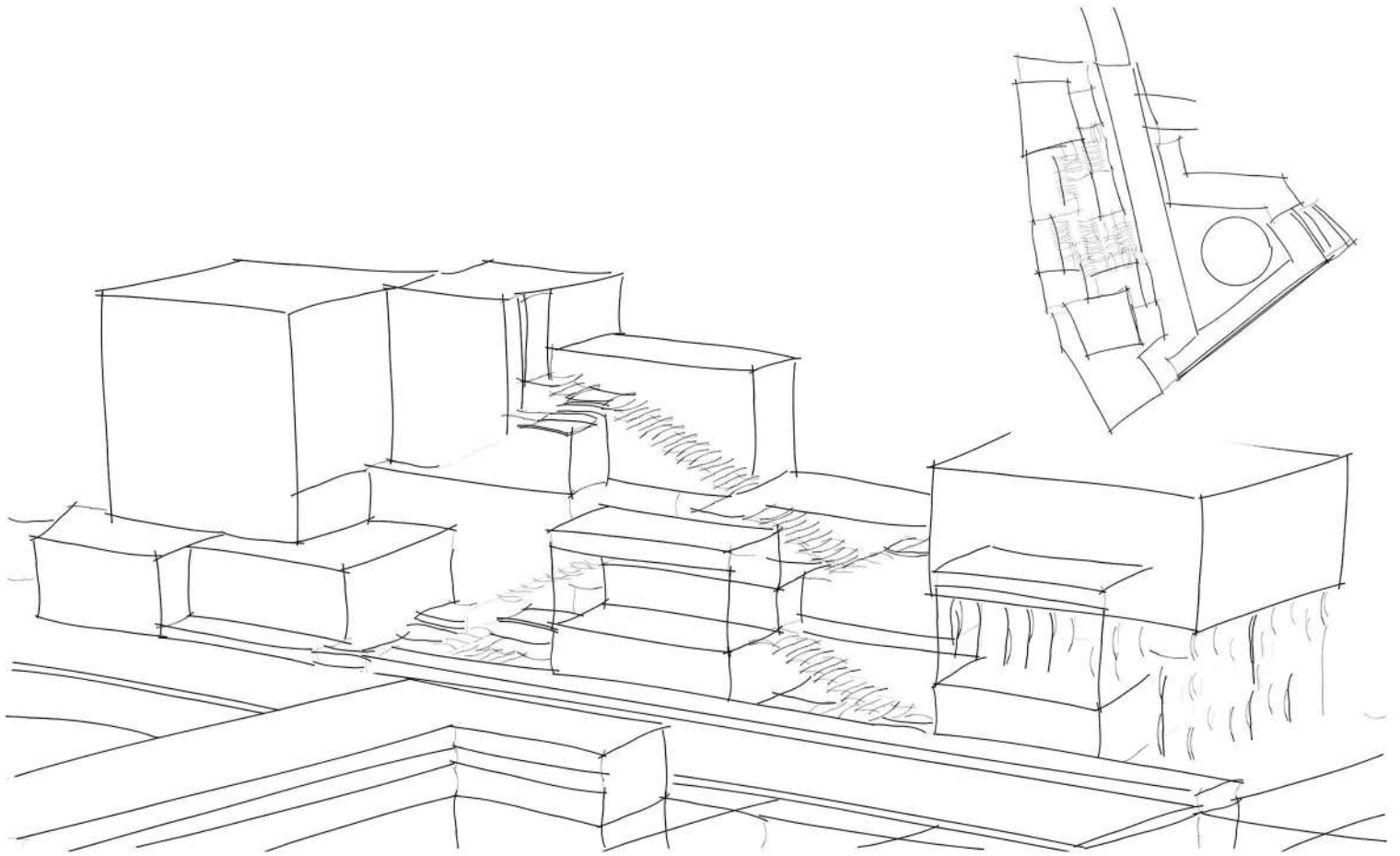
THE DESIGN AIMS TO INSERT A GREEN POCKET IN THE DENSE FABRIC OF OLD CITY AND ACT AS BREATHING SPACE FOR THE SETTLEMENTS.

THE DESIGN HAS BEEN INSPIRED FROM THE GHATS OF UDAIPUR AND STEPS | TRADITIONAL APPROACH STEPS LEADING TO HOUSES IN THE OLD CITY

HENCEFORTH , THE DESIGN HAS MULTIPLE TERRACE LEVELS AND SEEKS TO EXPLORE THE WILDERNESS OF THE STEPS BROUGHT IN TO THE CONTEXT OF NEIGHBOURHOOD.

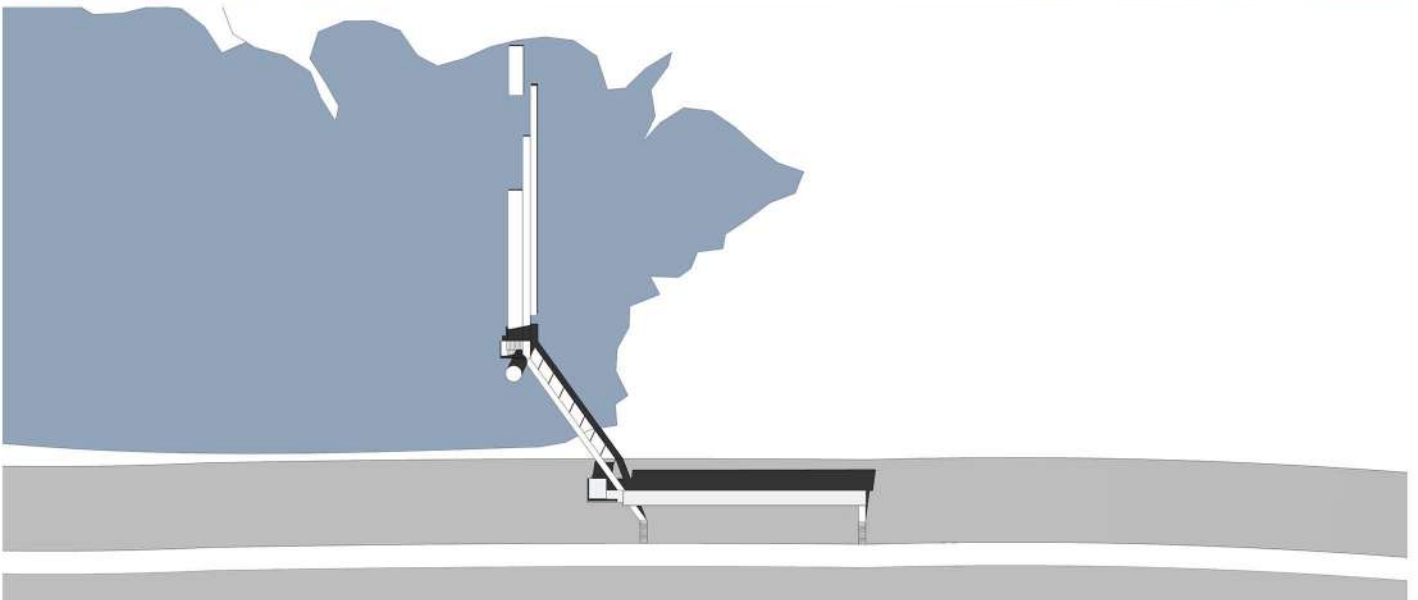
OTTA ACTS AS AN EDGE TO THE SPACE BRINGING IN THE TRDITONAL PUBLIC REALM SPACE INTO THE BUILDING ITSELF SO THAT THE DESIGN LANGUAGE MERGES WITH THE EXISTING FABRIC







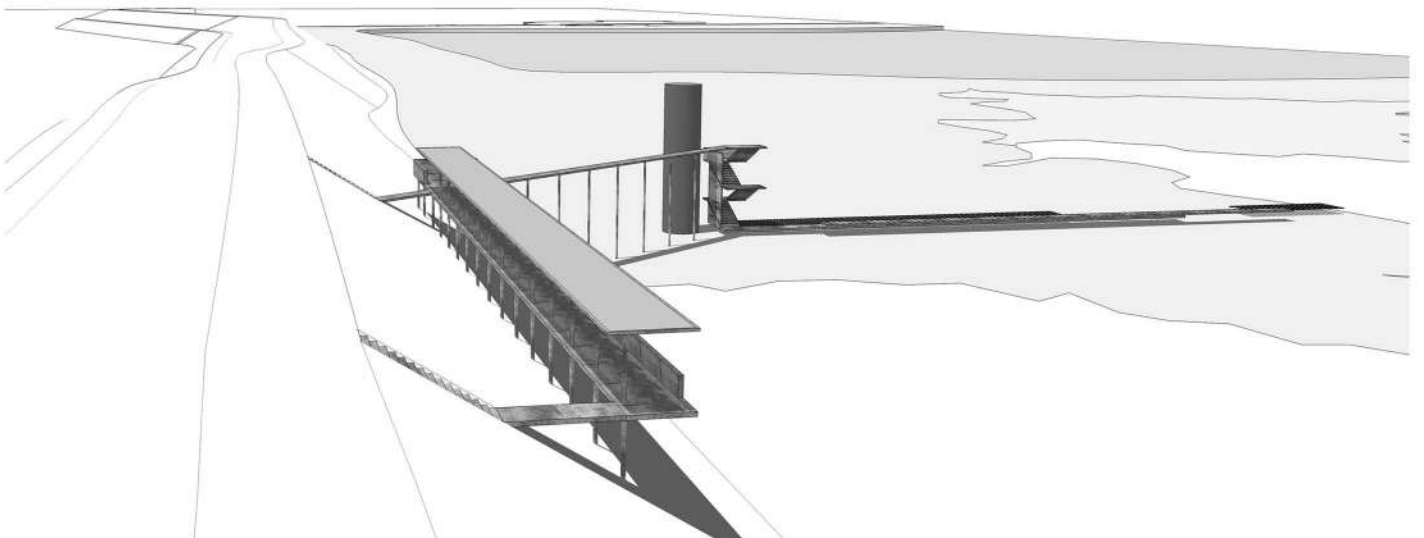
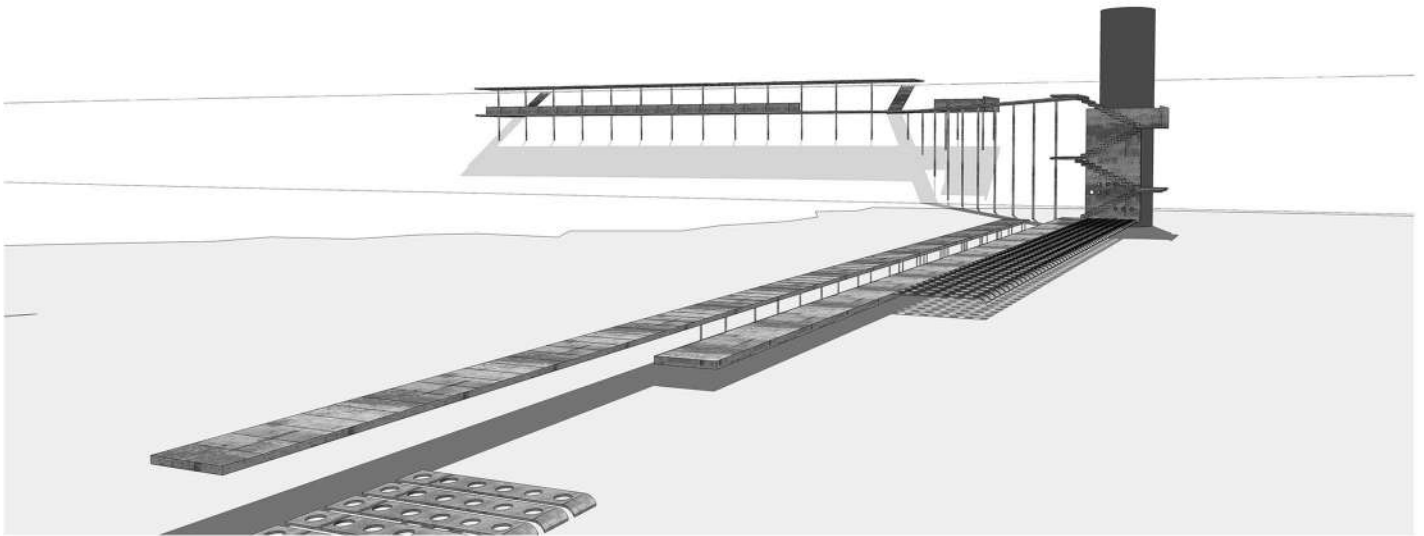


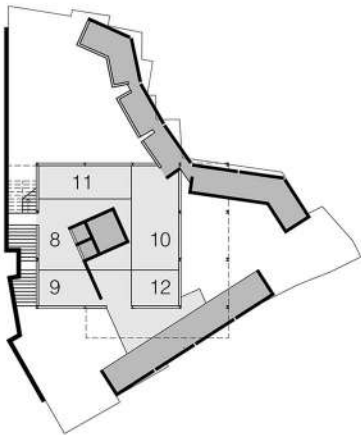


THE PEELED RIND A shaded viewing gallery and walkway is proposed which acts as an alternate layer to traverse the fast occupied Bundh. The walkways composed of a metal structure and metal sheets found locally on the site peel of side of the Bundh, wrapping around it as a light porous layer, this then transforms into a pier consisting of fragmented linear lines that diffuse into the water.

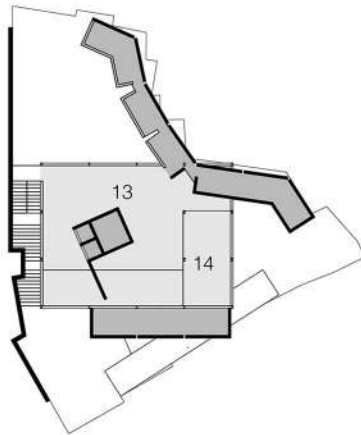
The idea of the pump room area as the only vertical circulation and physical connection between water and Bundh is retained and a vertical porous stairway is provided which acts as a viewing gallery for both the lake and pump room

The jetty projecting into the water provides a space for fisherman and an area to dock boats whilst also helping to delineate the limits of the lake.



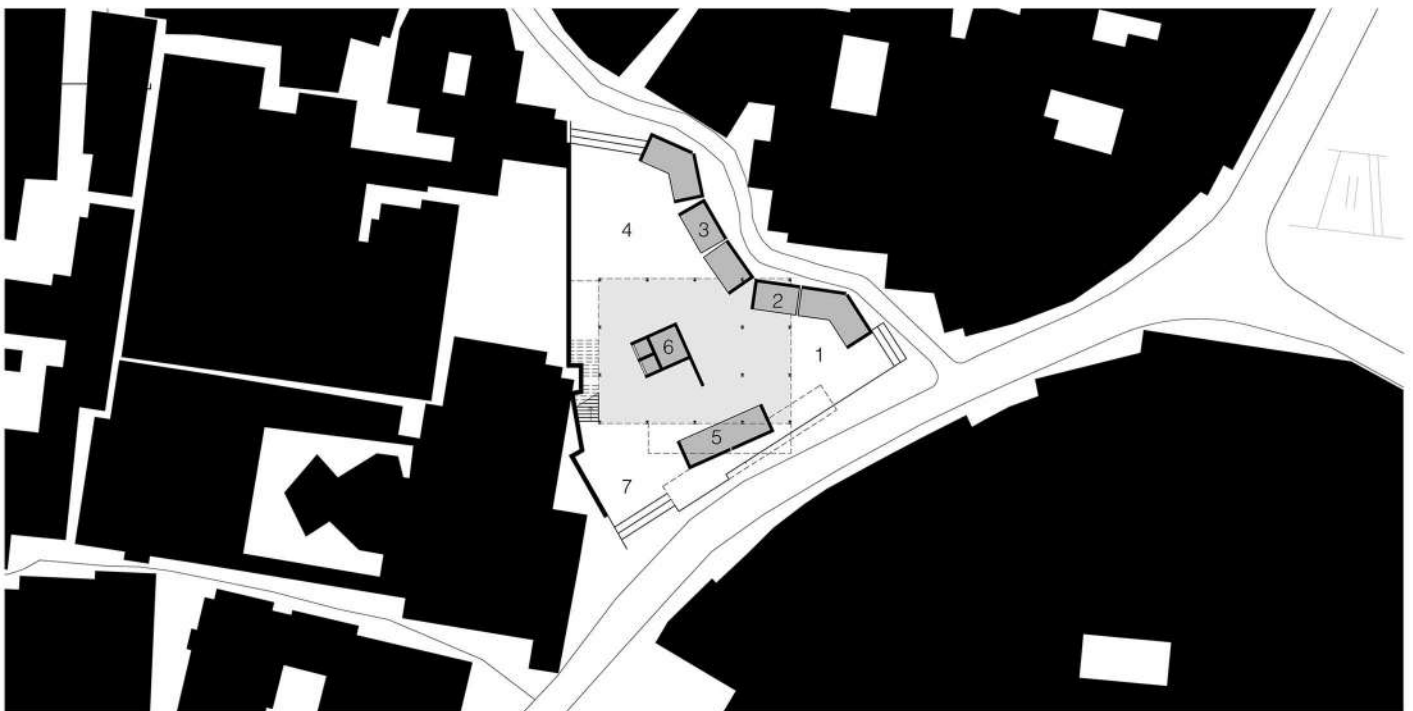
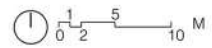


FIRST FLOOR PLAN



SECOND FLOOR PLAN

- KEY
- 1. ENTRANCE
  - 2. PUBLIC BATHS
  - 3. PUBLIC TOILETS
  - 4. TOILET COURT
  - 5. RECEPTION
  - 6. SERVICE CORE
  - 7. HEALTH CENTRE ENTRANCE
  - 8. WAITING
  - 9. CONSULTATION ROOMS
  - 10. SURGERY
  - 11. STAFF
  - 12. MEDICAL OFFICER
  - 13. ORIENTATION
  - 14. BEDS



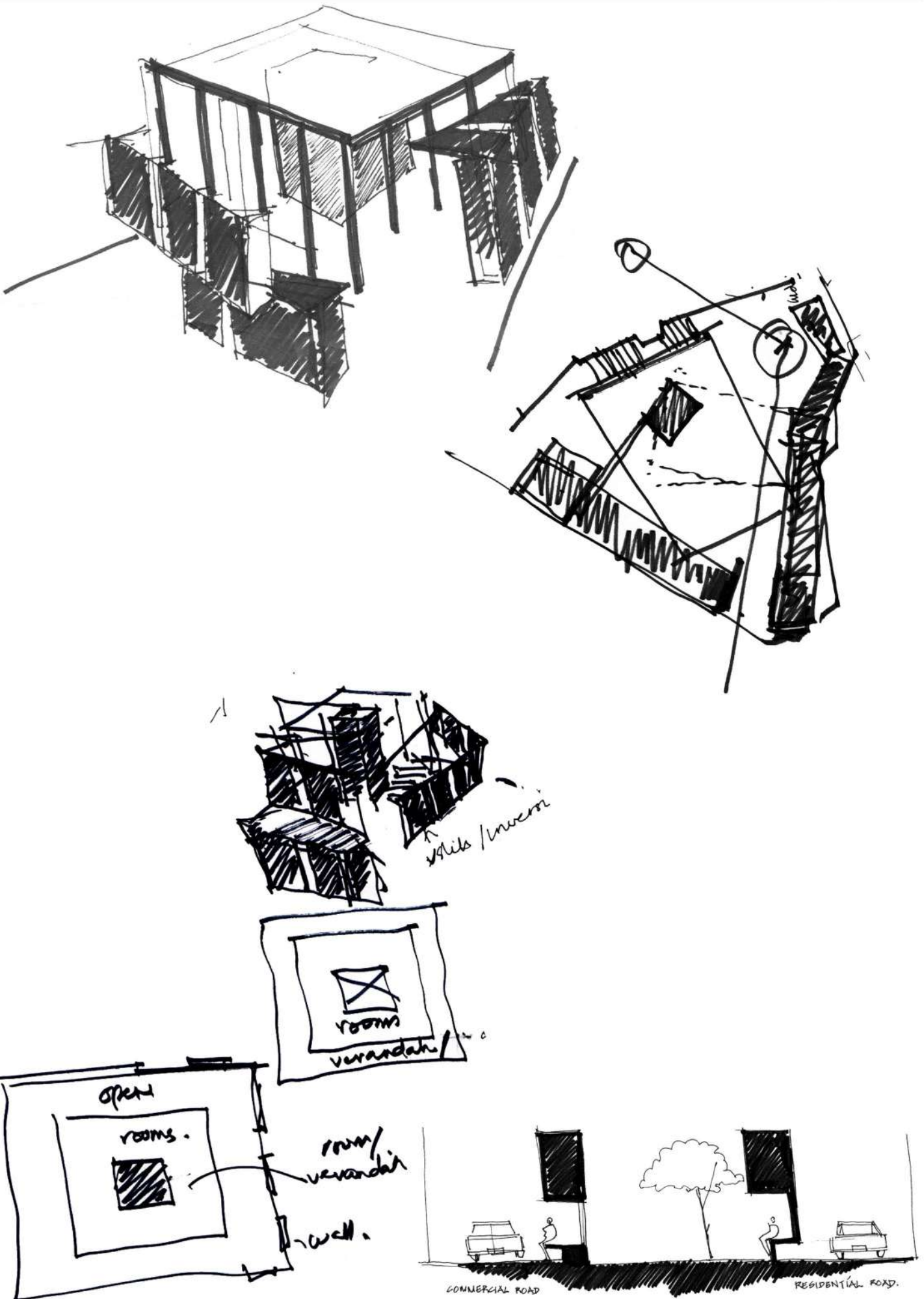
GROUND FLOOR PLAN

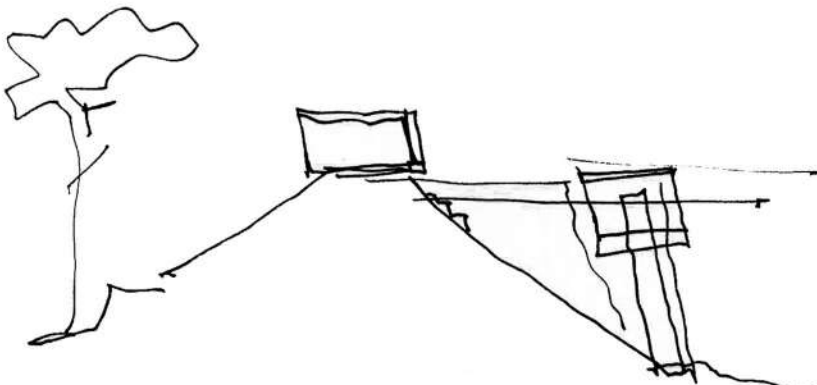
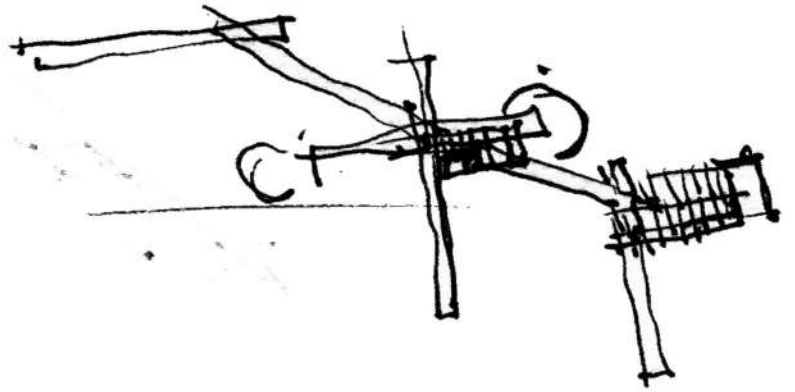
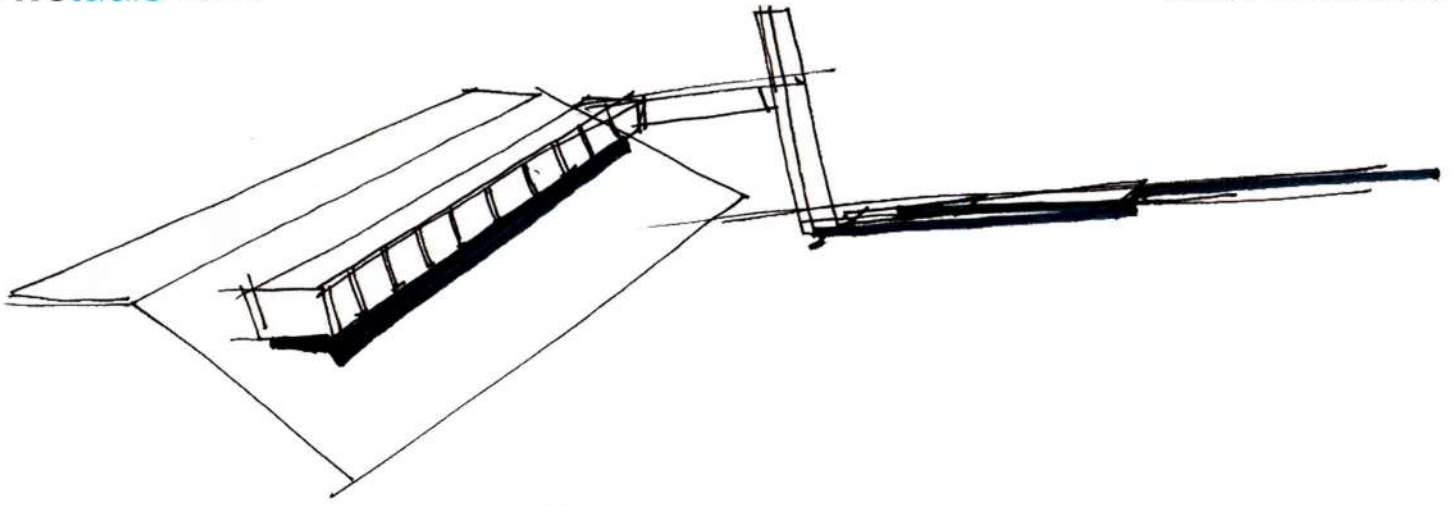
**CONTINUATION OF THE CITY** The idea of a traditional courtyard building is taken and inverted so a solid regular core is formed with the open spaces taking up the irregular margins. The typical verandah surrounding the building explodes out and occupies the margins allowing for a transparent public building within. The enveloping layer is composed of local stone used for typical Rajasthani construction, but left exposed.

**URBAN EDGE** The Verandah infused with functions creates a solid public buffer space; elevated above the overhanging margins it creates a shaded edge for passersby's to rest beneath.

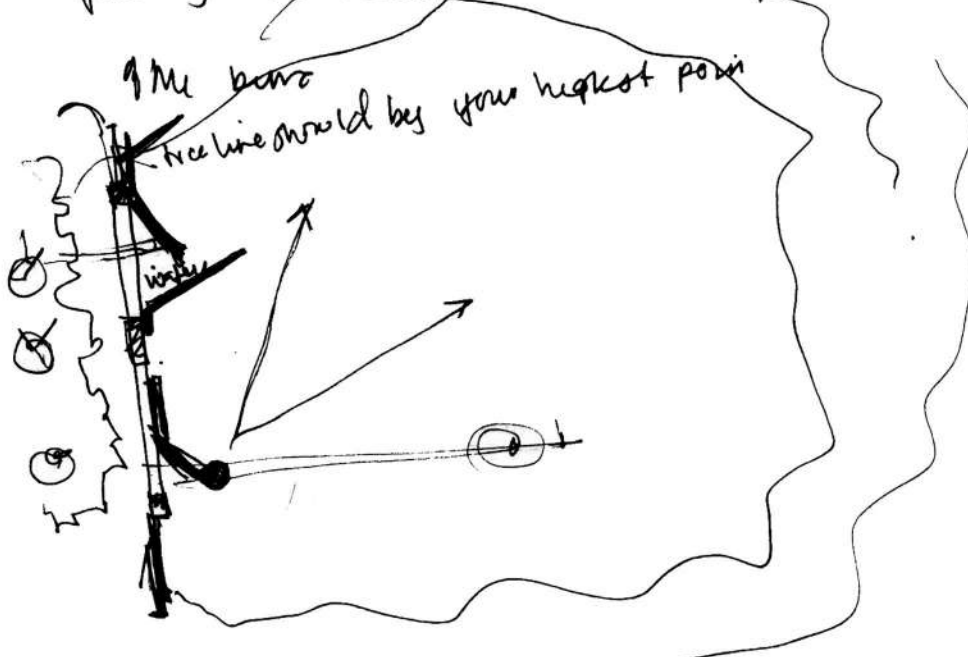
**PROGRAMMATIC SOLUTION** The building is divided into a solid public outer core which houses the toilets and other amenities and a transparent inner core accommodating the health care centre so all the inner workings of the building are exposed whilst remaining shaded and protected







• freeing interactions with the build / freeing the rigid structure





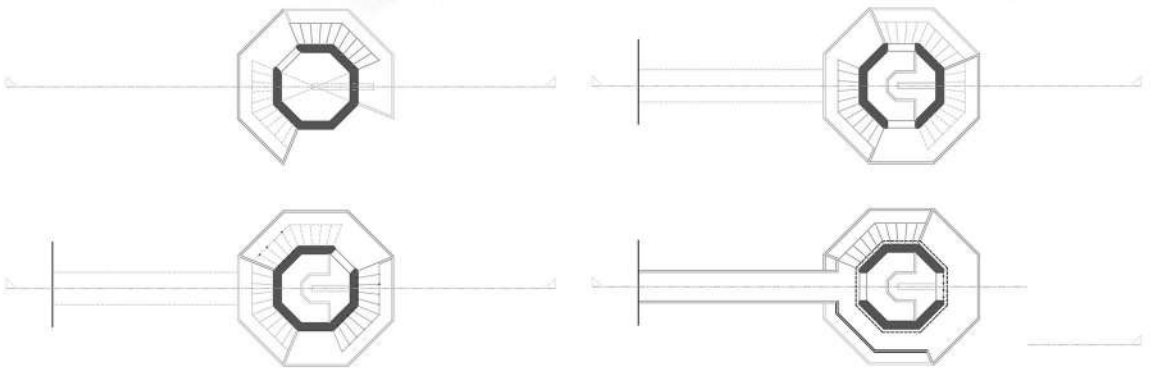
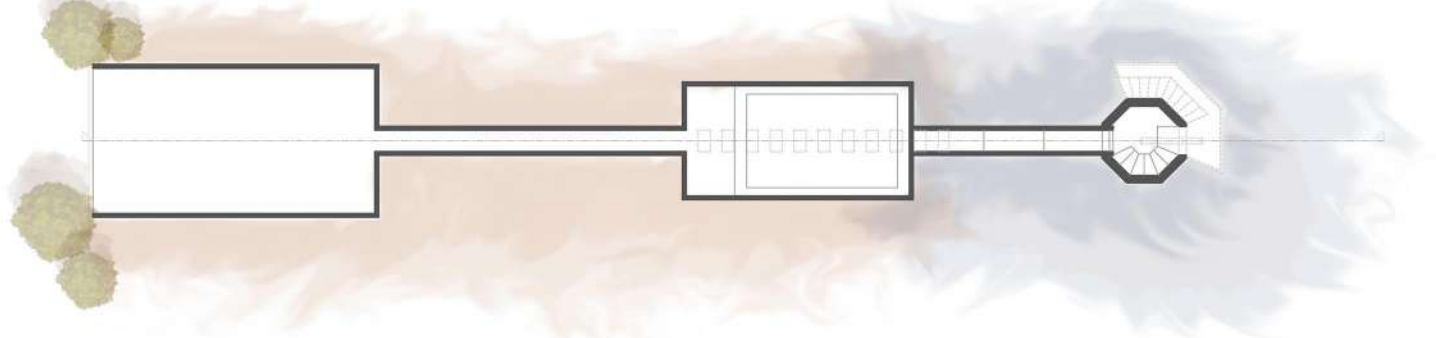
KEY PLAN



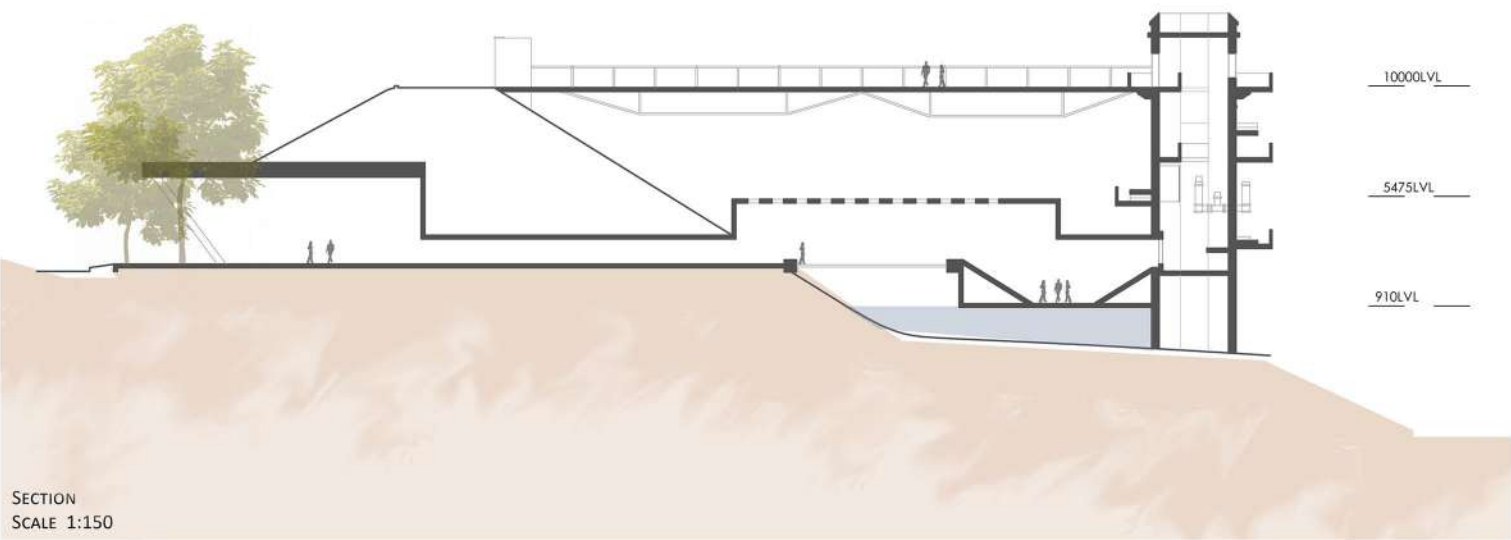
PUMP TOWER



PUMP

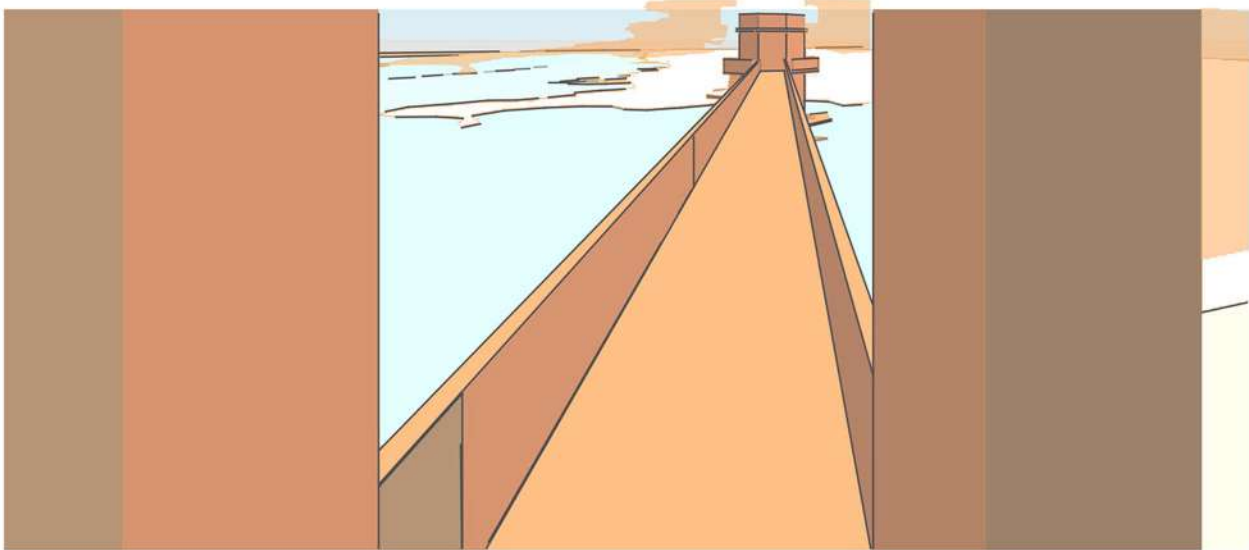
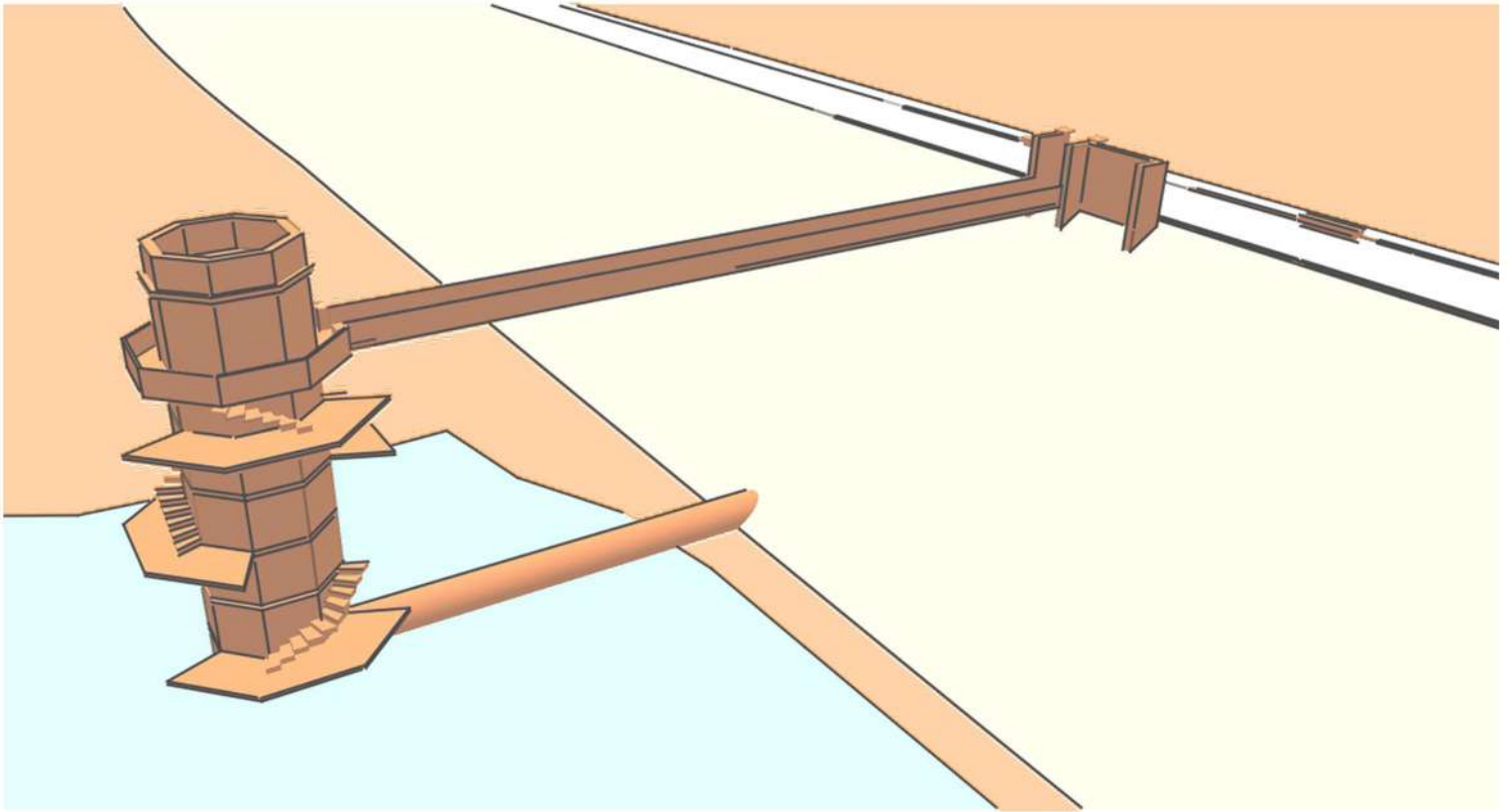


FLOOR PLANS  
SCALE 1:150

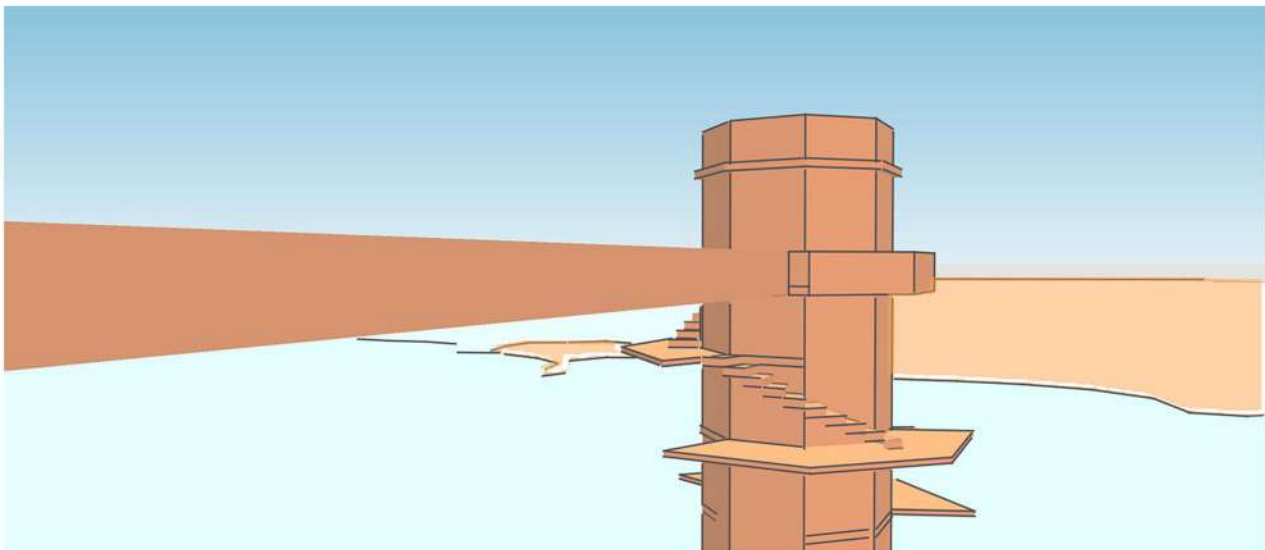


SECTION  
SCALE 1:150

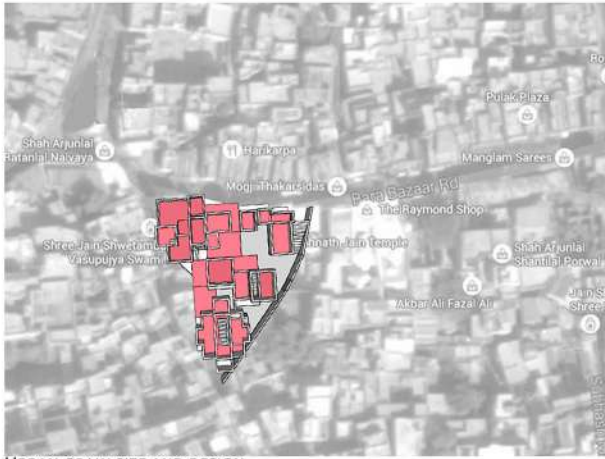
1000LVL  
5475LVL  
910LVL



3D MODEL







URBAN GRAIN SIZE AND DESIGN

**HOW DOES THE SCHEME CONNECT TO THE CITY?**

ADAPTING THE INHERENT FABRIC AND RAIN SIZE OF THE CITY ITSELF, THE DESIGN IS AN ATTEMPT TO MAKE THE SAME FUNCTIONALLY APPROPRIATE. THUS, THE DESIGN REMAINS PROPORTIONALLY AND THUS SPATIALLY AND VISUALLY COHERENT WITH ITS CONTEXT AND THE CITY FABRIC.

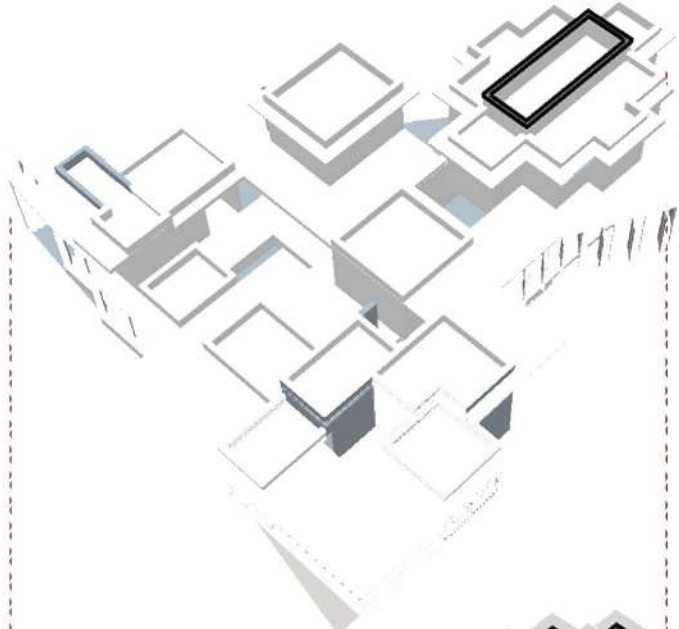
**WHAT IS YOUR URBAN CONTRIBUTION TO THE CITY?**

THE EVIDENT POSITION AND USE OF MATERIALS LIKE MARBLE MIRROR AND CANE IN THE PUBLIC TOILET ACTS AS A MODE OF ATTRACTING PEOPLE TO USE IT THUS PROVIDING A SOLUTION TO THE PROBLEM OF DEFECATION AND CLEANLINESS AT AN URBAN LEVEL. THE OPEN PLANNING OF THE SAME ADDS TO THE EASE.

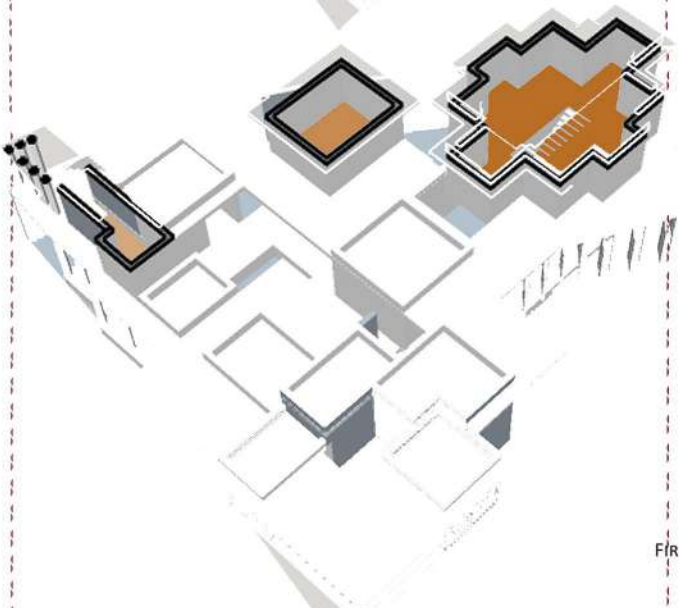
**HOW DO YOU PROVIDE A PROGRAMMATIC SOLUTION IN YOUR DESIGN?**

THE DESIGN USES THE SITE BOUNDARY TO PLACE THE BUILT WITH CIRCULATION WITHIN THE SAME. WITH THE RECEPTION CENTRALLY PLACED, THE SITE IS ZONED OUT INTO THE CONSULTATION AND SURGICAL ZONE AT ONE END AND THE STAFF AND PUBLIC FACILITIES ON THE OTHER. THE PUBLIC AND STAFF ENTRANCE ARE ADDRESSED THROUGH DIFFERENT ROADS ALIGNING THE SITE.

- PATIENT BEDS
- DOCTOR'S OFFICE
- ORIENTATION ROOM



ROOF PLAN

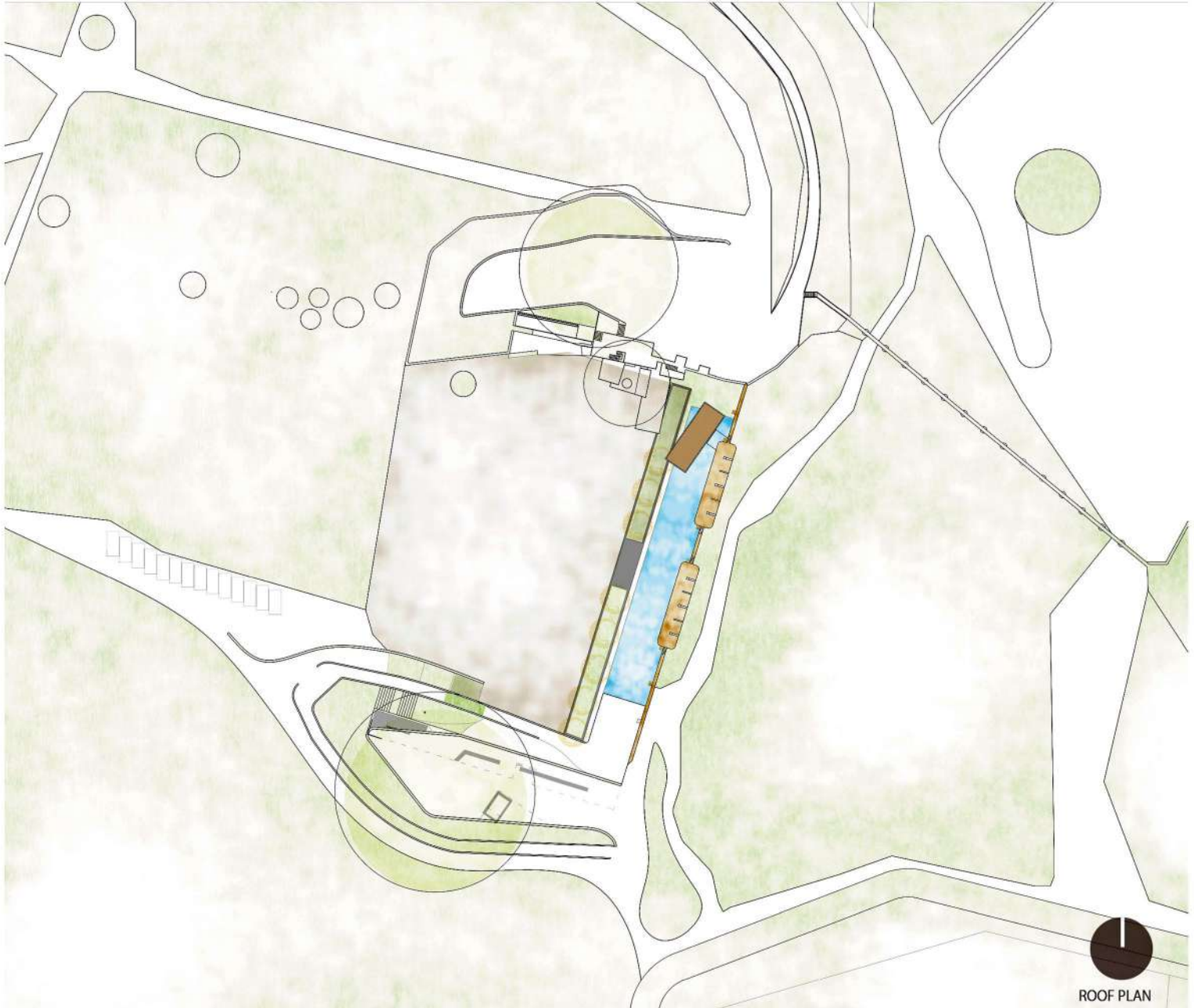


FIRST FLOOR PLAN

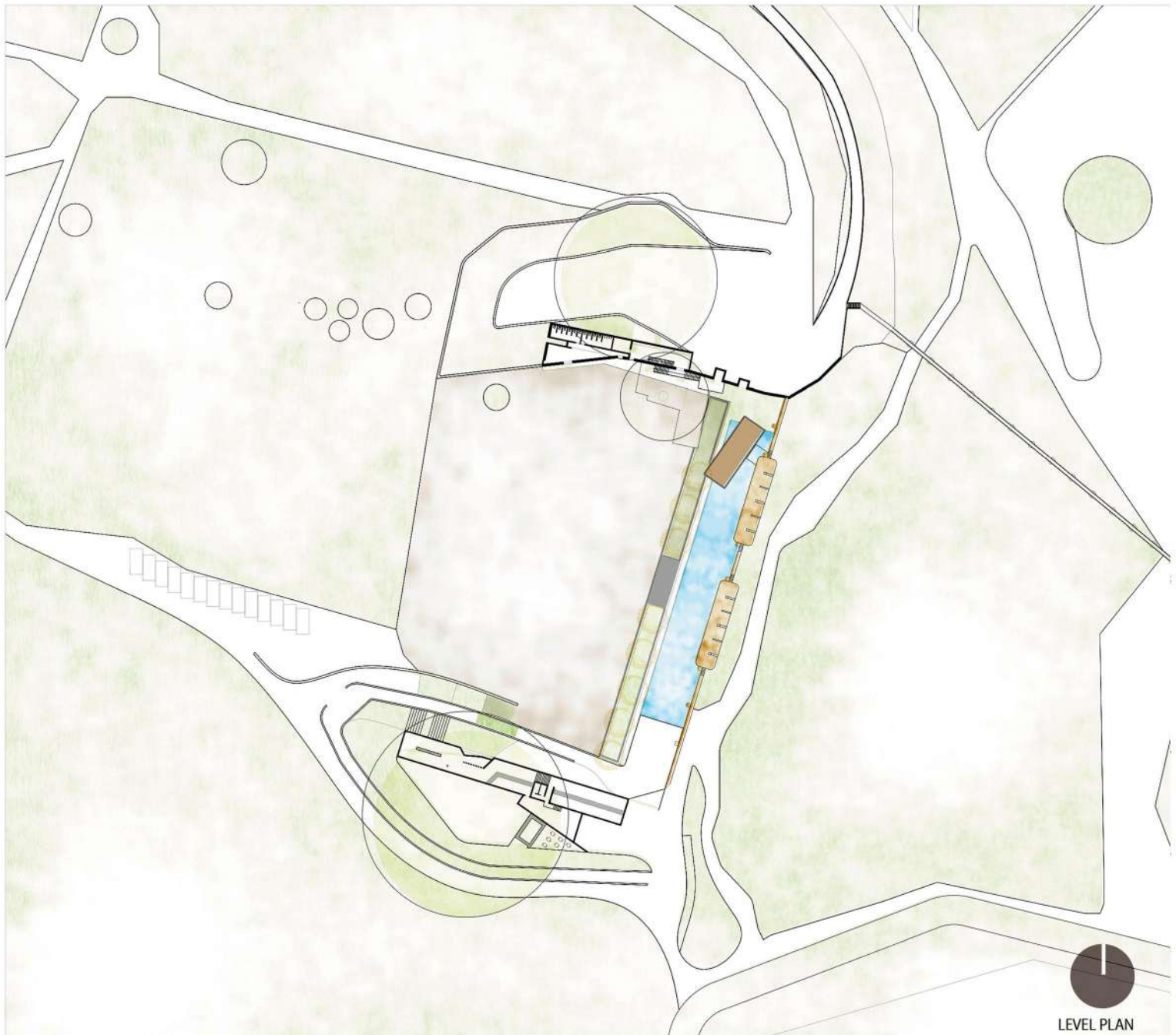
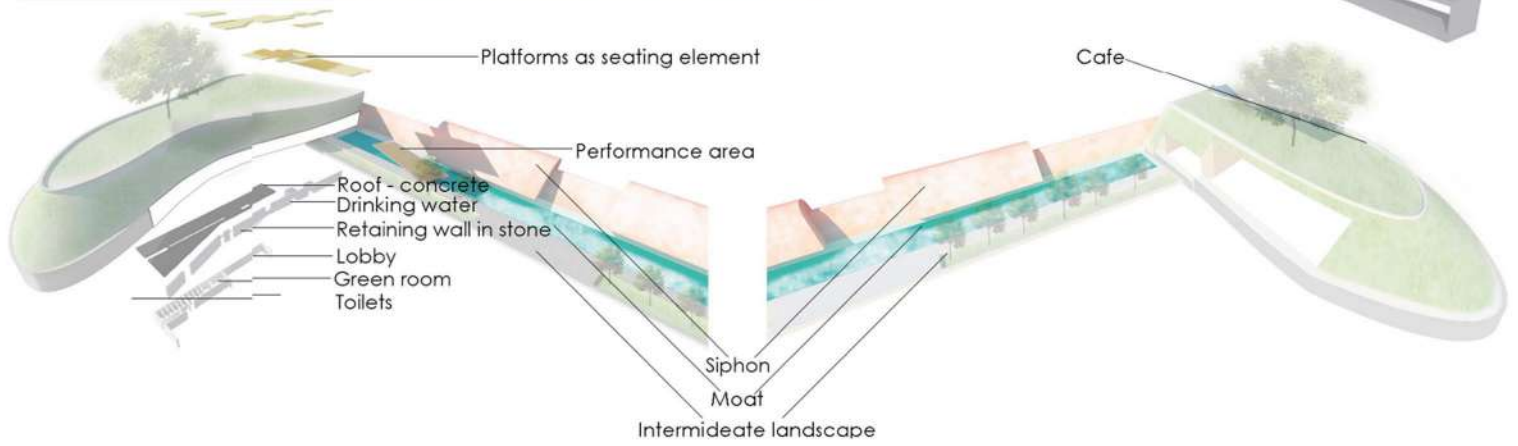
- PUBLIC TOILETS
- CANTEEN
- MEDICAL STORE
- STAFF ROOM
- CONSULTATION ROOM
- RECEPTION
- OPERATION THEATRE

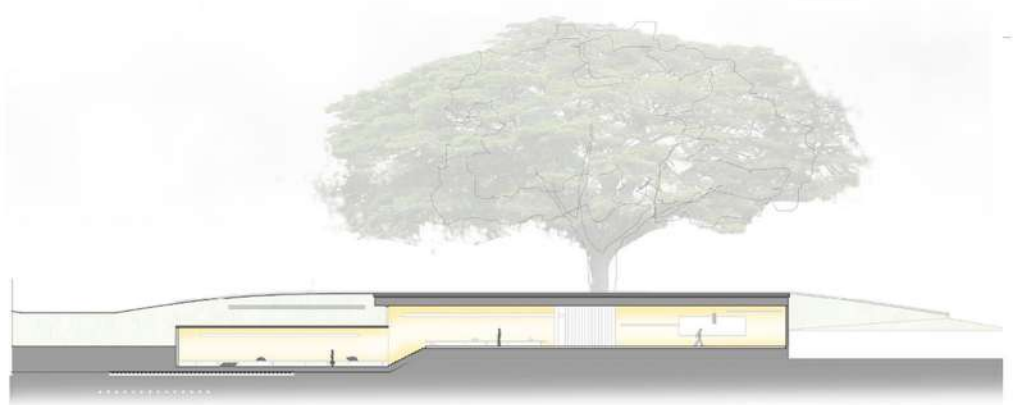
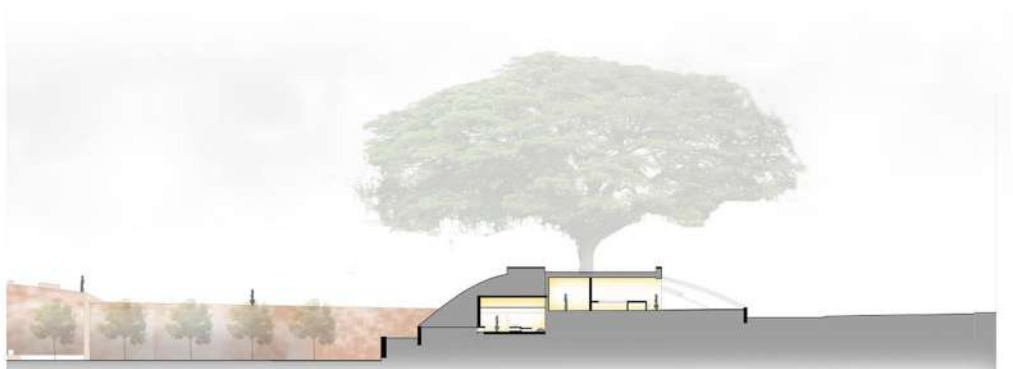
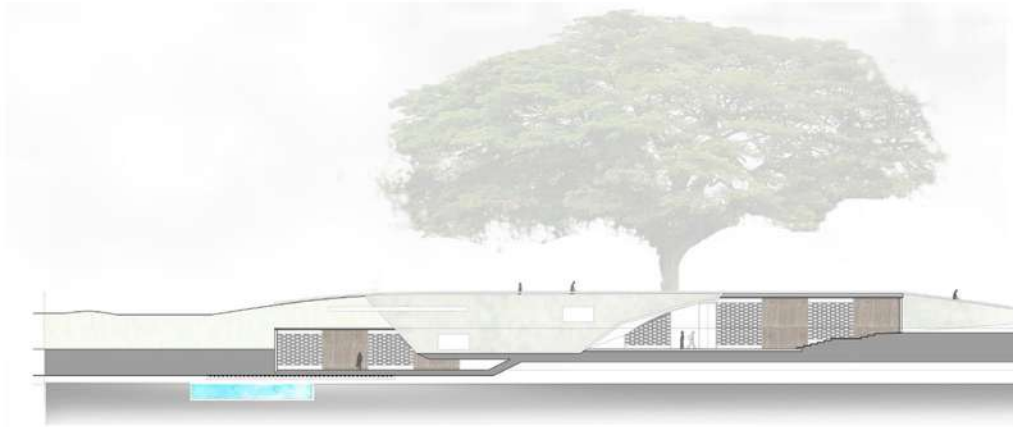


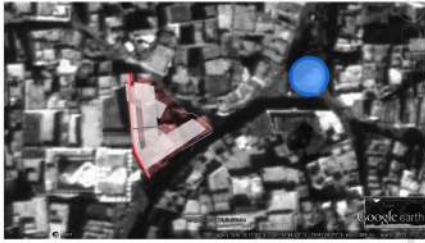




ROOF PLAN







**CONNECT TO THE CITY**

THE DESIGN HAS EVOLVED WITH THE IDEA OF AN URBAN PLAYGROUND WHERE PUBLIC ACTIVITIES PLAY AN IMPORTANT ROLE IN HEALTH .

**CONNECT TO THE CONTEXT**

THE URBAN CHARECTER OF THE STREETS AND THE VISUAL ELEMENTS GAVE RISE TO THE FORM.

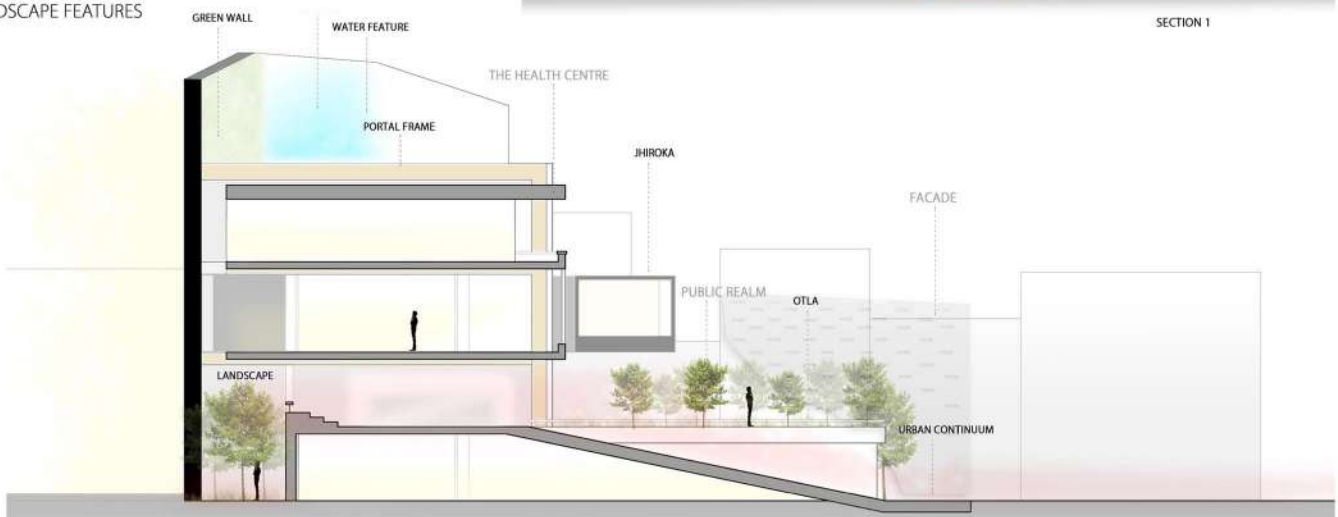
THE CONTEXT OF THE SITE IS OF PRIME IMPORTANCE WITH THE PRESENCE OF THE CLOCK TOWER , THE TEMPLE AND THE MARKET SPINE THAT LEADS TO THE SITE OF INTERVENTION.

THE GIVEN SITE CONTAINED A WALL WHICH HAS BEEN TAKEN AS THE MAIN ELEMENT FOR THE DESIGN WHICH INTURN ESTABLISHES A CONNECTION WITH THE URBAN SPINE.

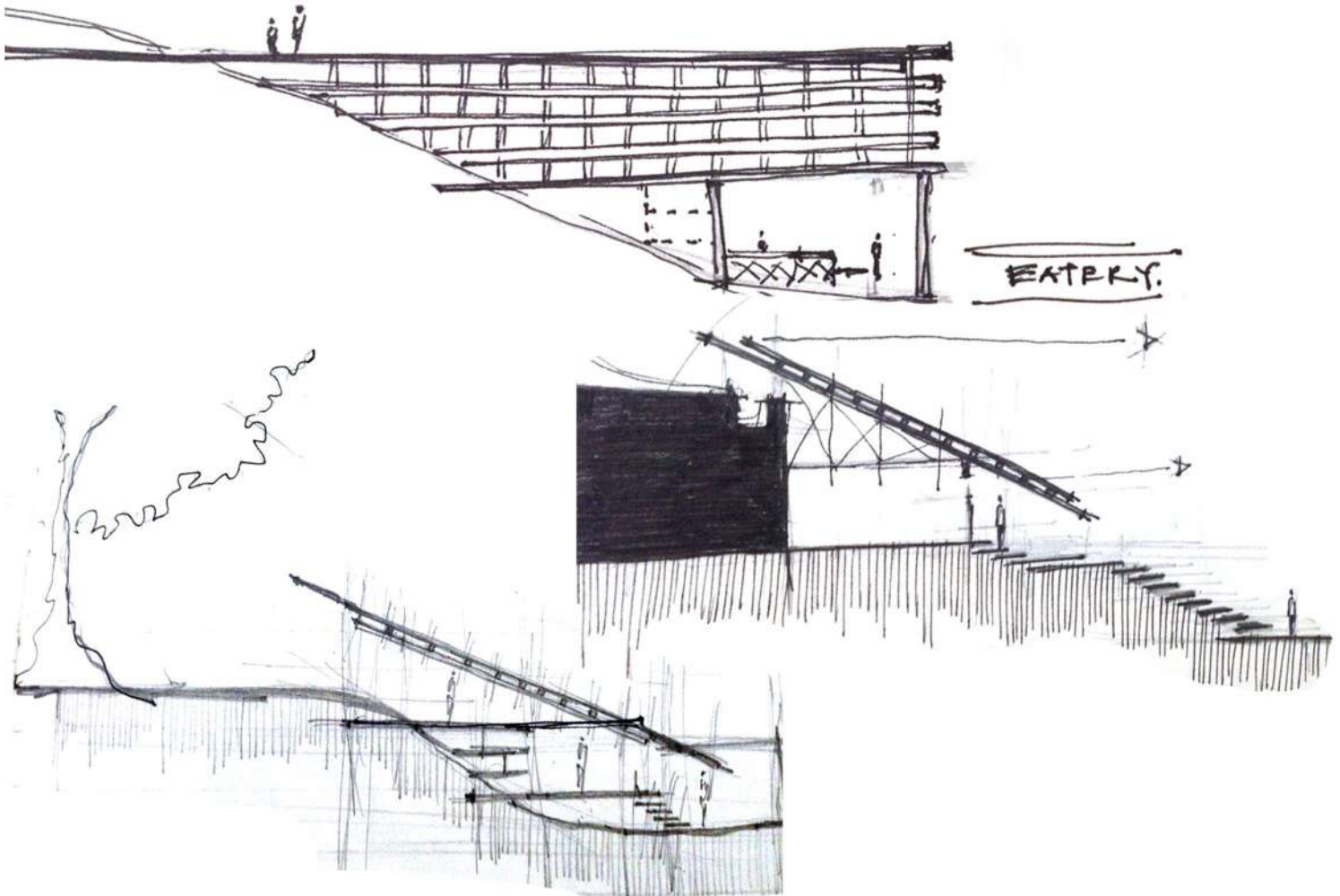
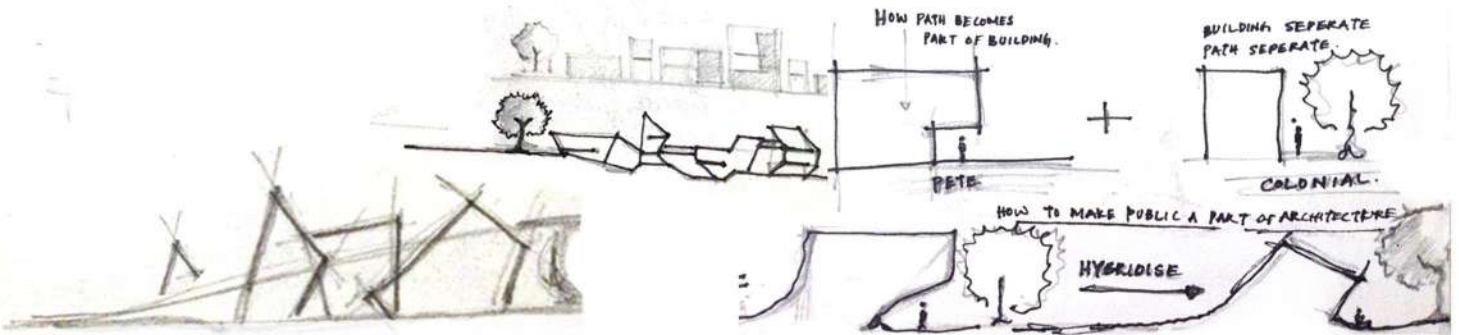
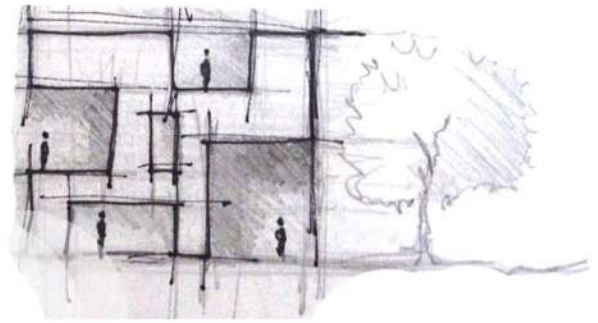
**CONNECT TO THE STREET**

THE EDGE CONDITIONS OF THE SITE HAS BEEN TAKEN CARE WITH ,

1. CONTINUOUSE FLOW OF THE URBAN SPINE INTO THE PROJECT.
- 2.THE INTRODUCTION OF THE OTLA ON THE SIDE EDGES HENCE PROVING PUBLIC SEATING AND JHAROKA.
3. LANDSCAPE FEATURES

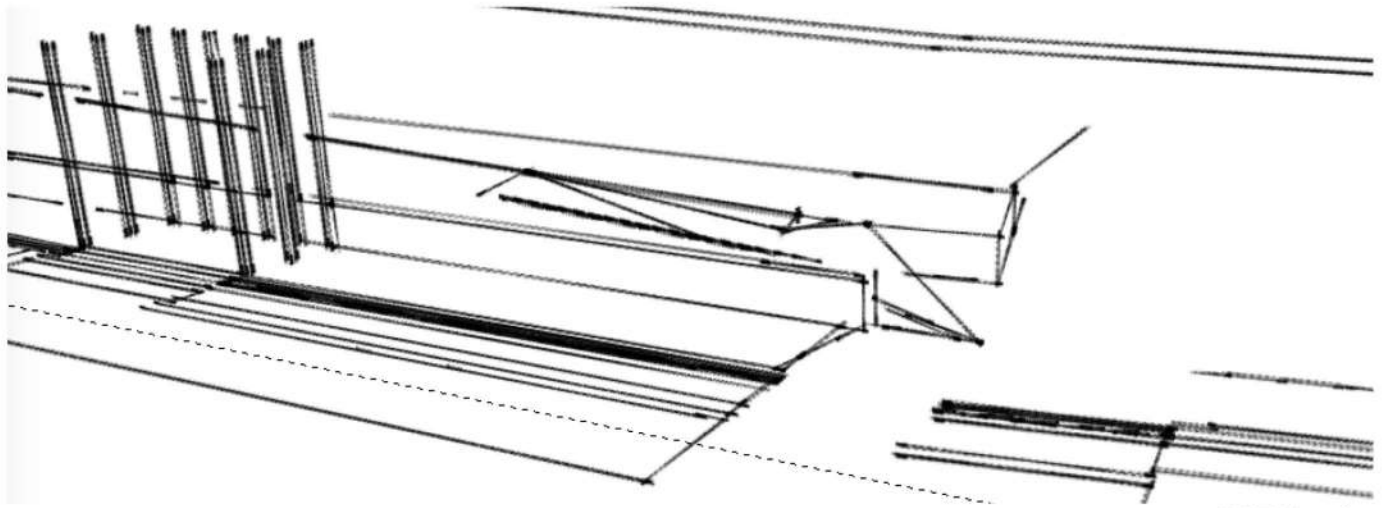




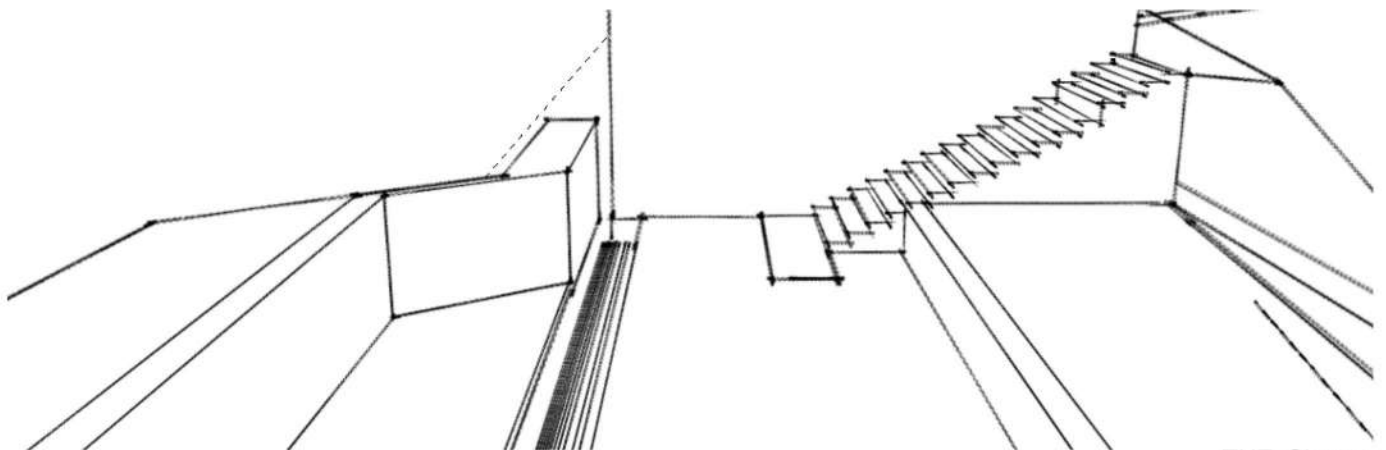




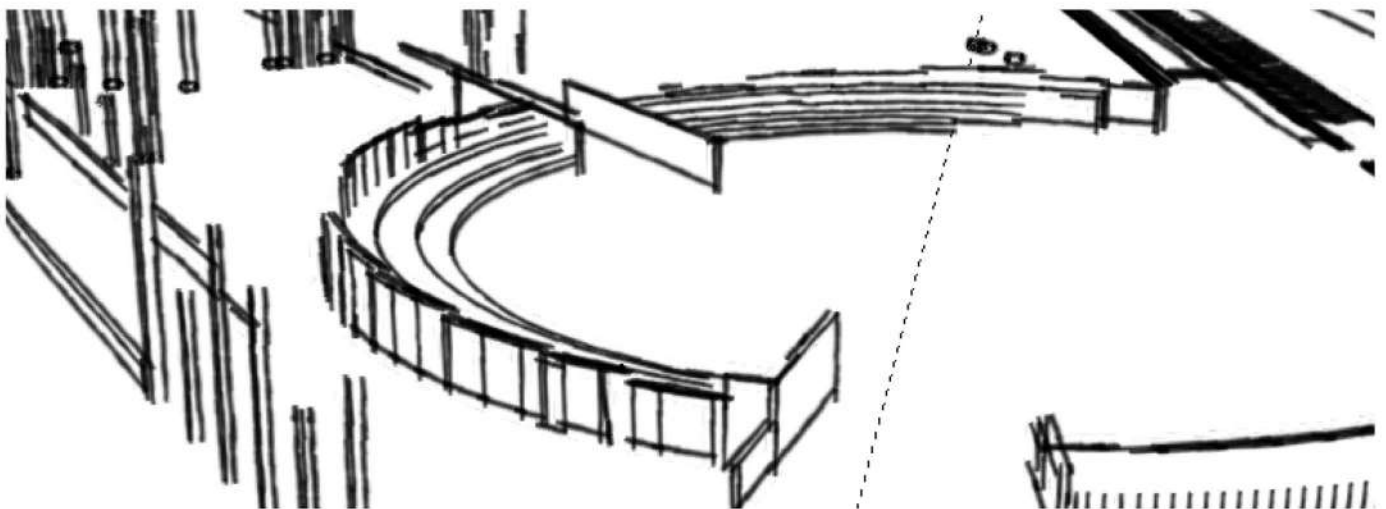
The Hesaraghatta Bundh has a contrasting nature in its existence from one point to another .  
 The insertion has been done in a much less explored area in wilderness and peaceful surroundings. The insertion has a sensitivity to the lakebed | bundh | and an unused sluece on the site |  
 The landscape is very raw and serene in nature and hence , the design is public viewing gallery that culminates into a community space and materiality of the space has been taken from the existing flora of the space.



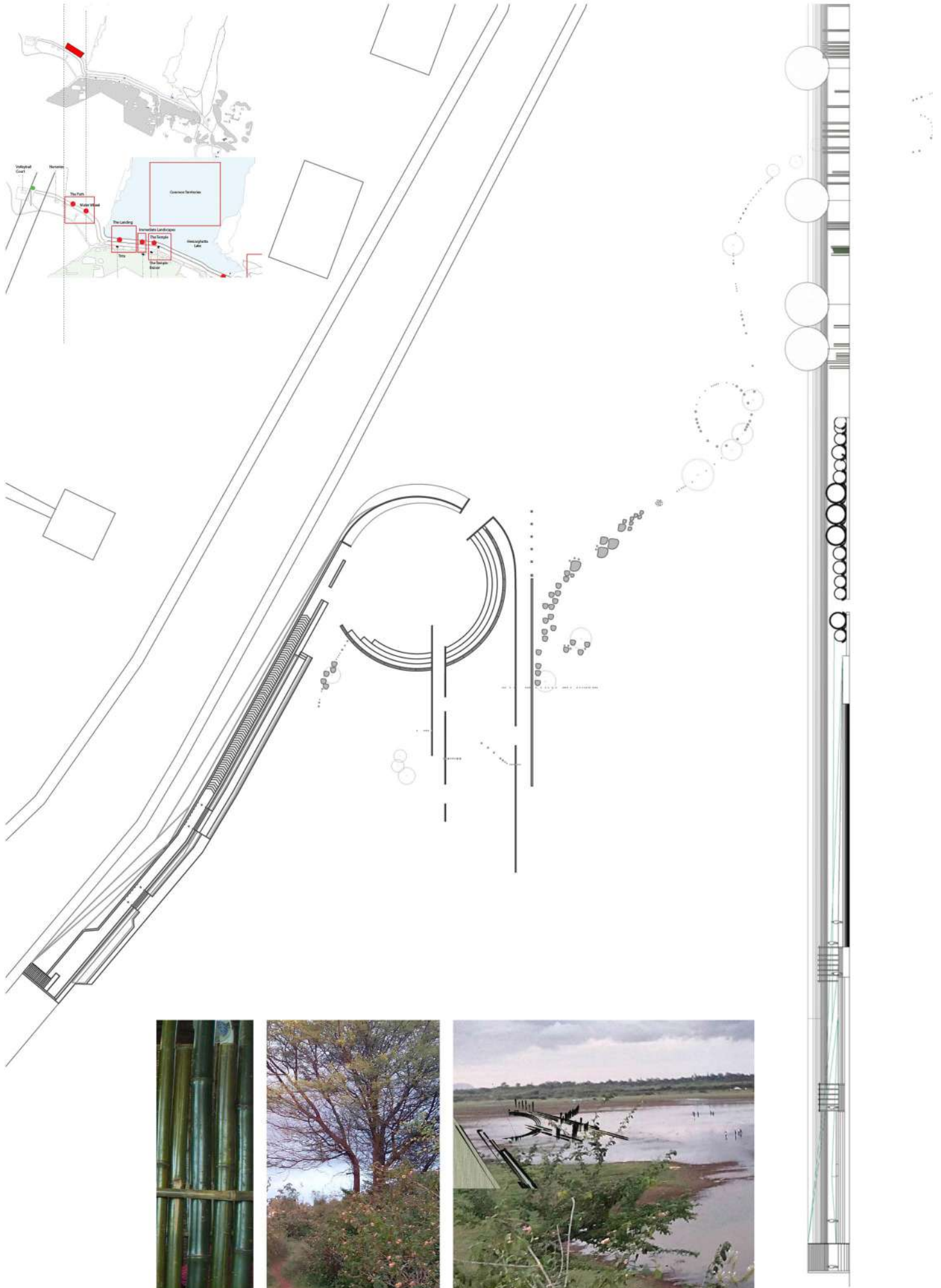
THE\_Bundh

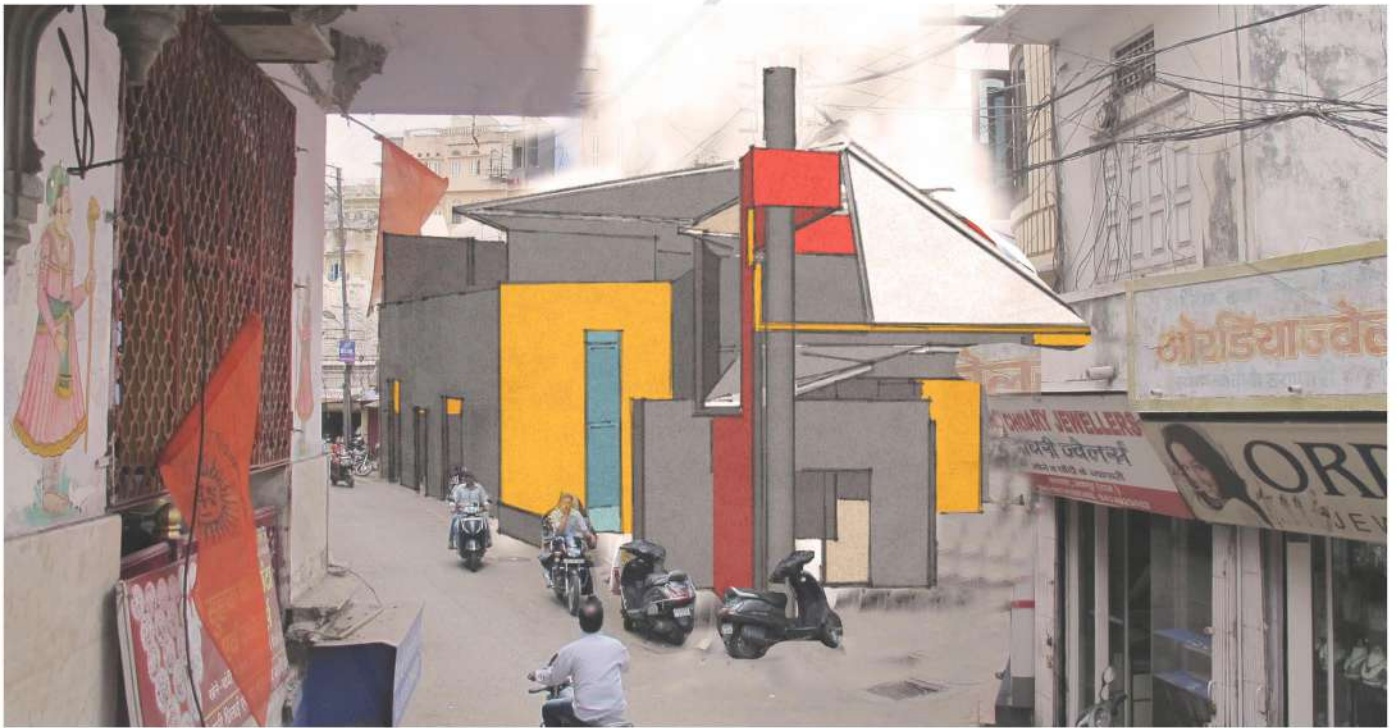


THE\_Sluece

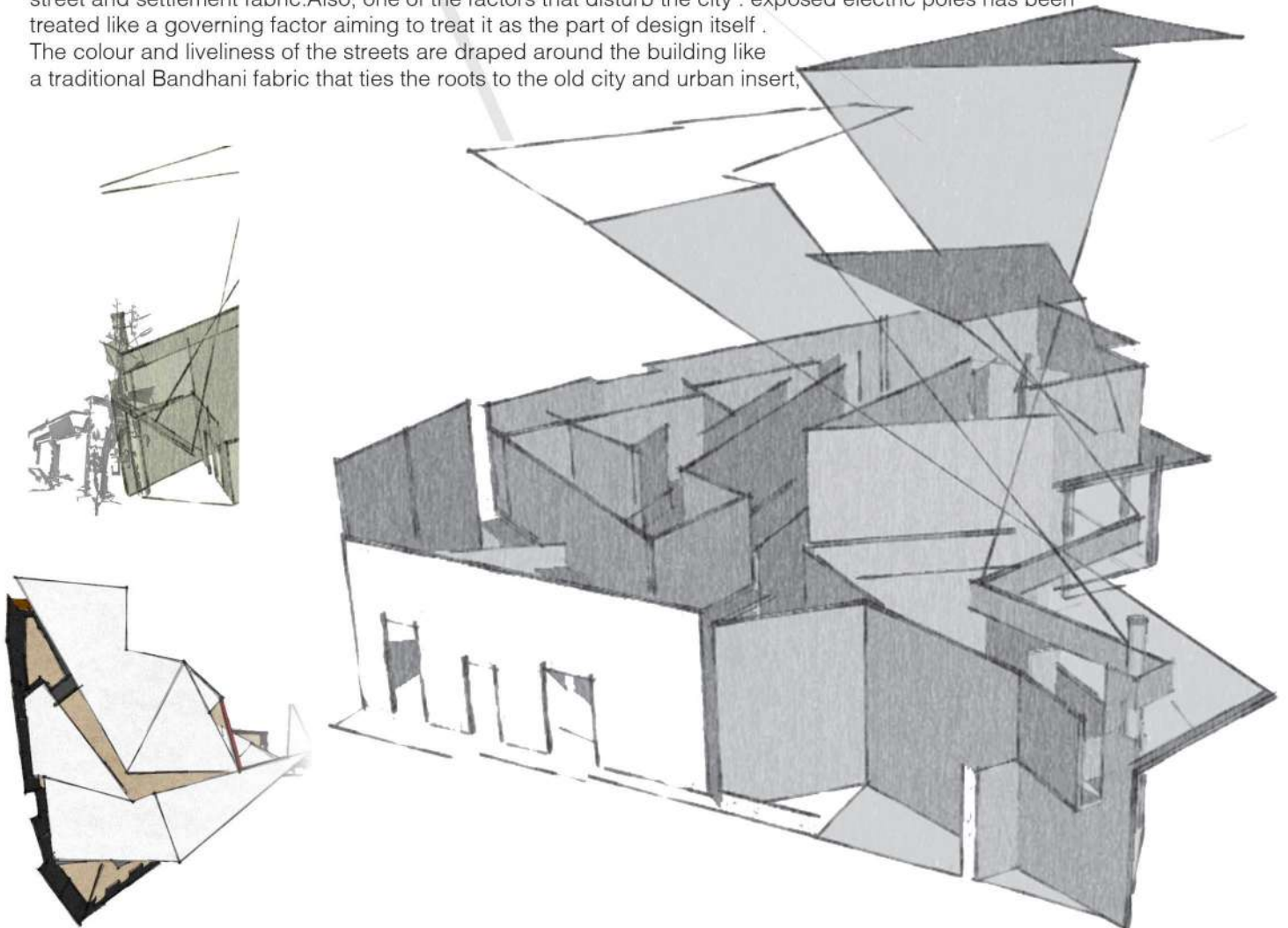


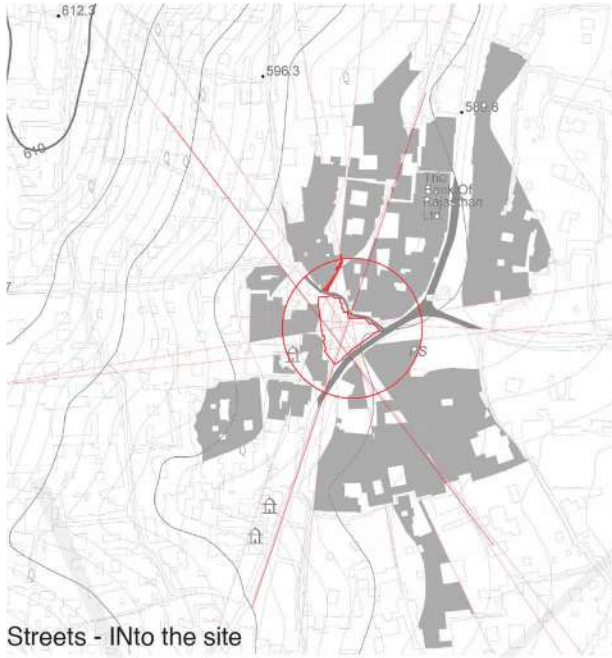
THE\_Lakebed



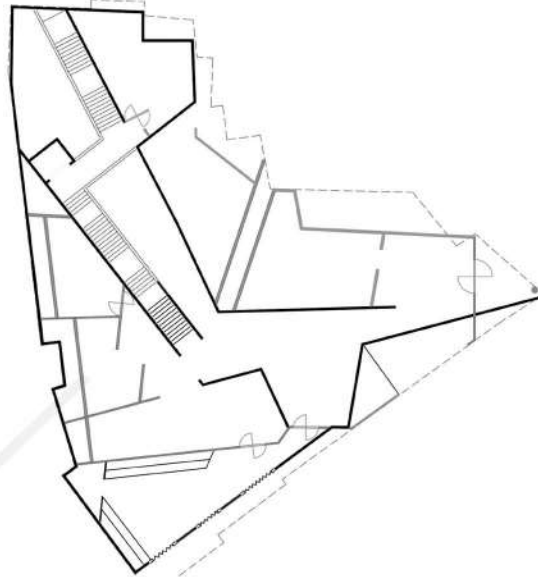


The walled city of Udaipur has an untagible fabric and urban Insert in such a setup becomes an intergral part of the city .The design has been evolved by bringin the streets IN-to the site and characteristics of the city itself which forms the living heritage of the old city.Admist the strong architectural integrity in dense settlements of the city , the design aims to bring in all together by design language. Hence,every line of the plans have been derived from the existing street and settlement fabric.Also, one of the factors that disturb the city : exposed electric poles has been treated like a governing factor aiming to treat it as the part of design itself . The colour and liveliness of the streets are draped around the building like a traditional Bandhani fabric that ties the roots to the old city and urban insert,

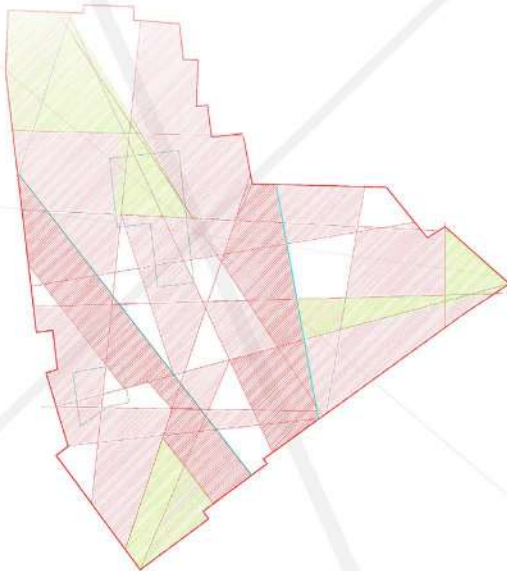




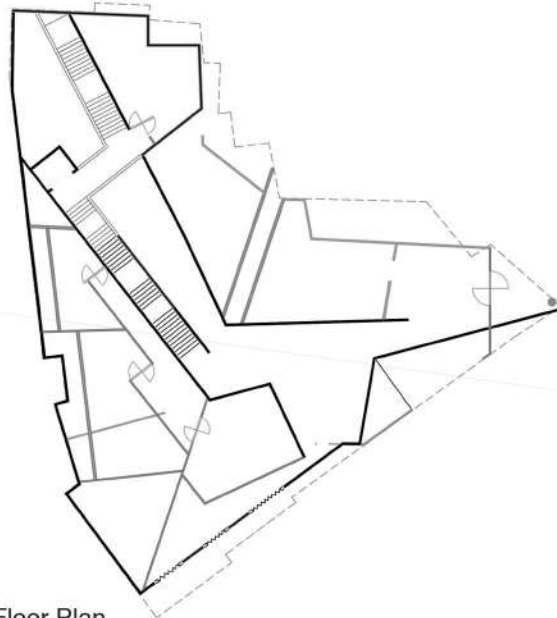
Streets - INto the site



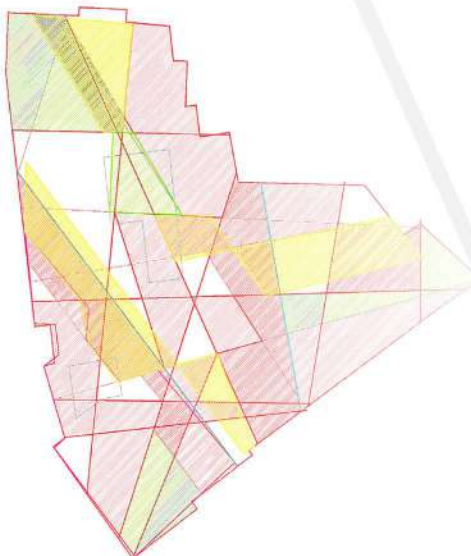
Ground Floor Plan



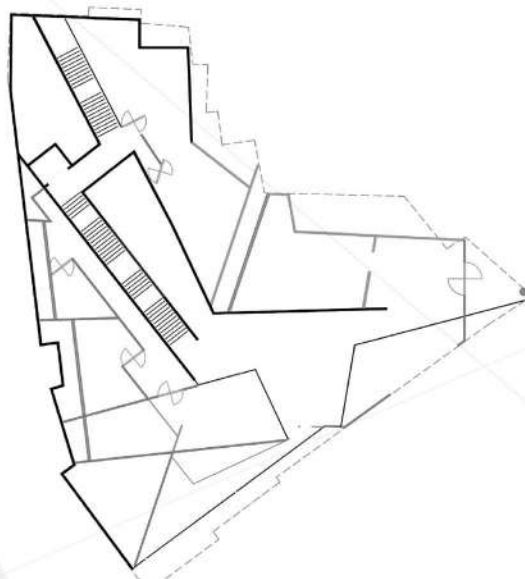
Spatial Qualities and intersections



First Floor Plan

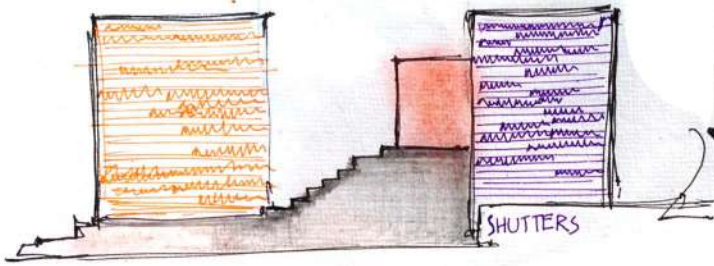


Main axis | The Pole | Planes

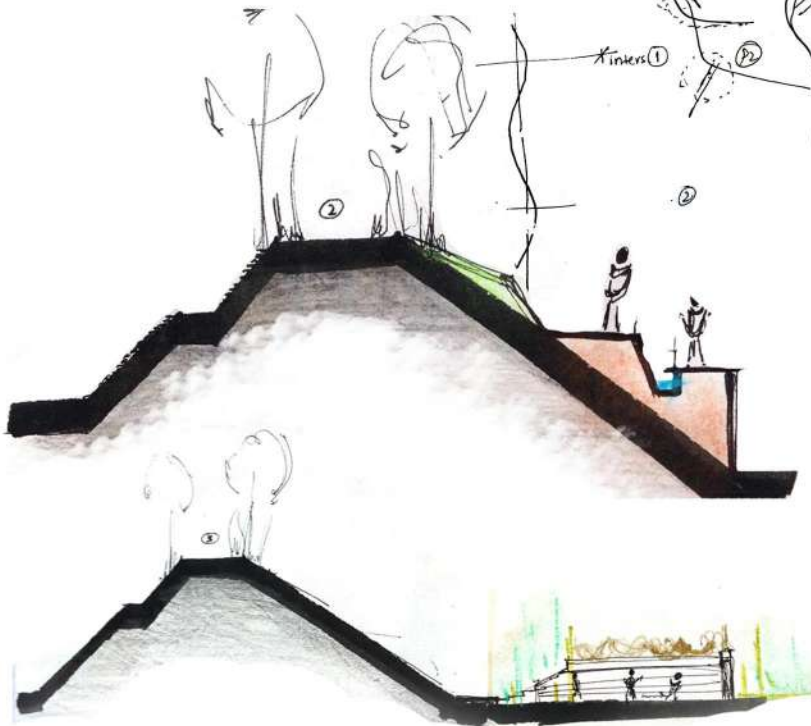
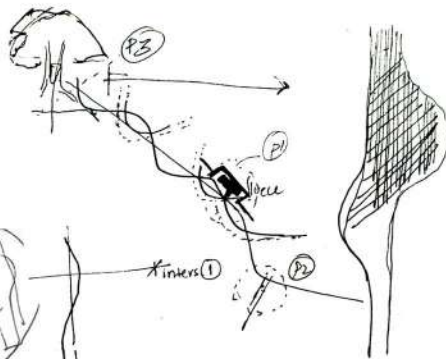
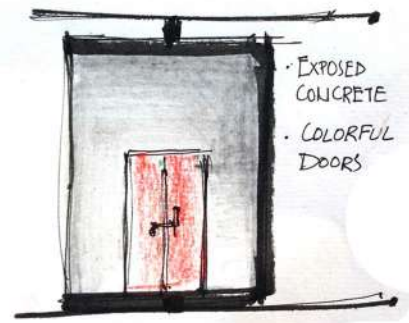
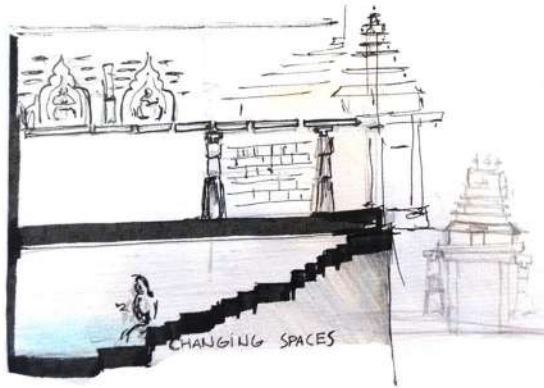
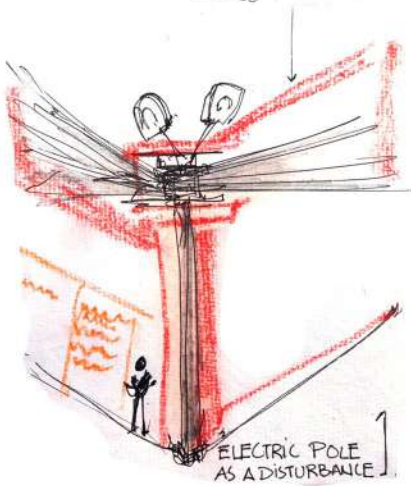


Second Floor Plan

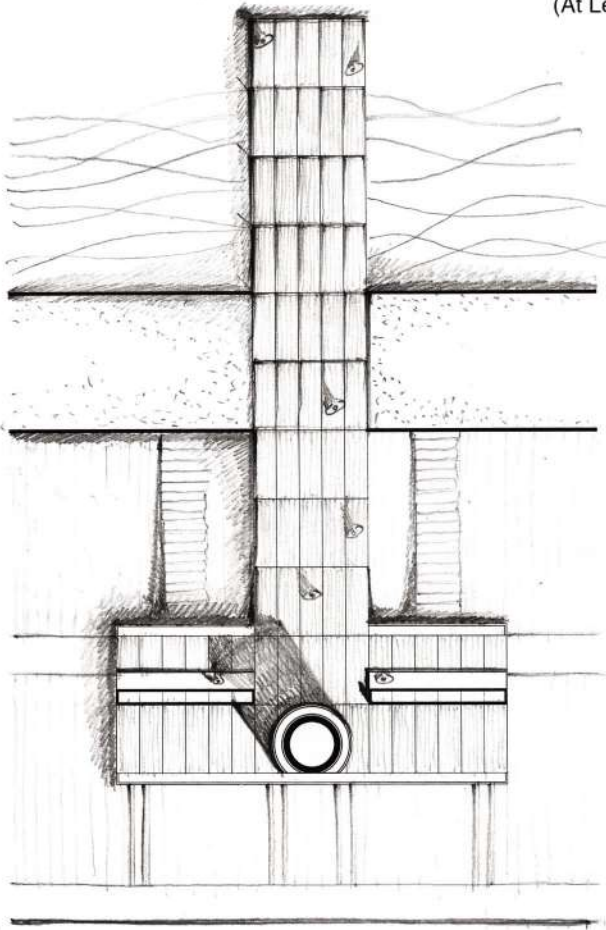
GRAIN OF THE CITY....



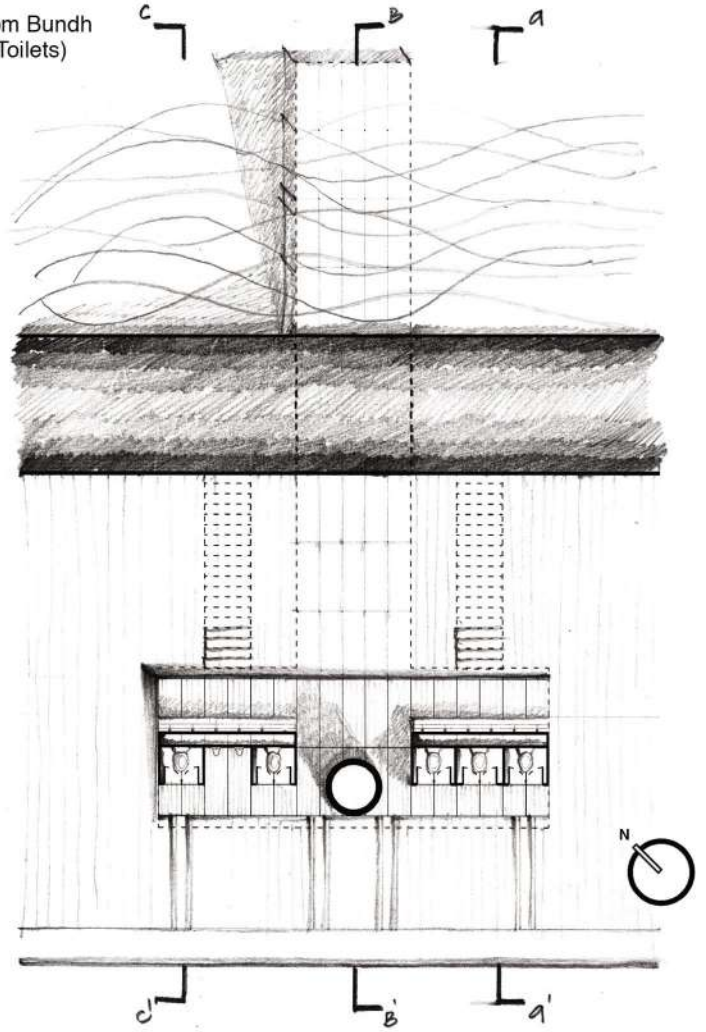
ELEVATION - FROM THE MAIN ROAD



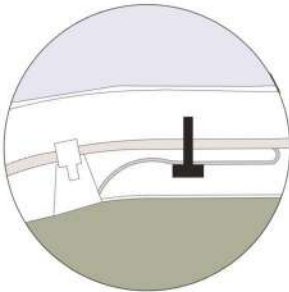
Plan at Bundh Level



Plan at -3.2M from Bundh  
(At Level of Toilets)



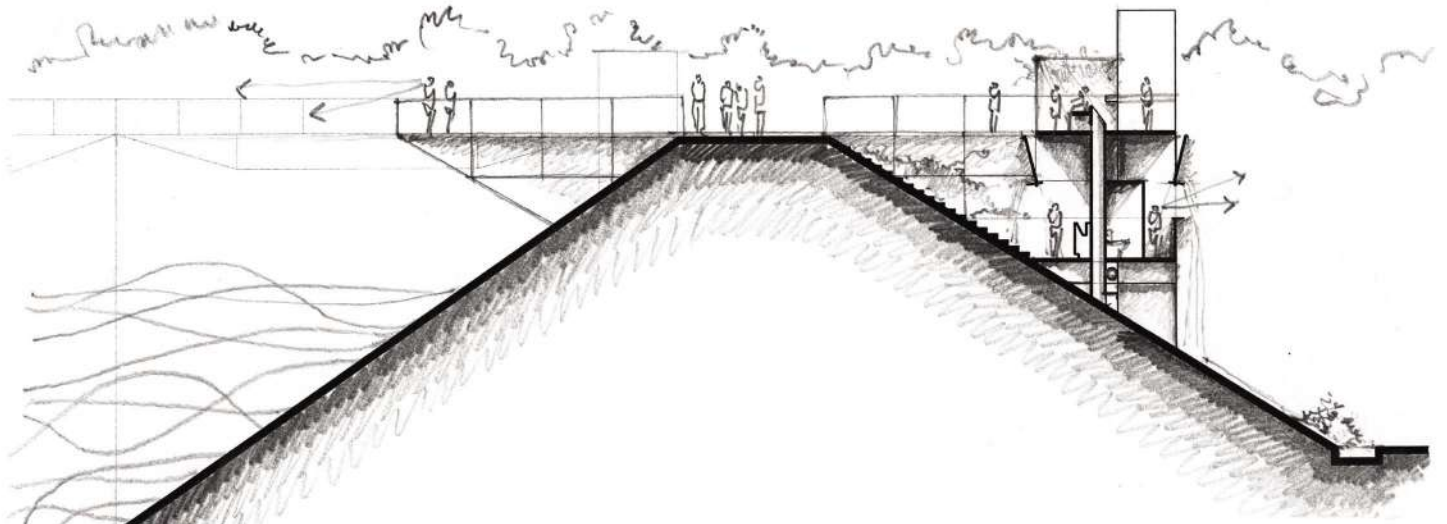
Key Plan



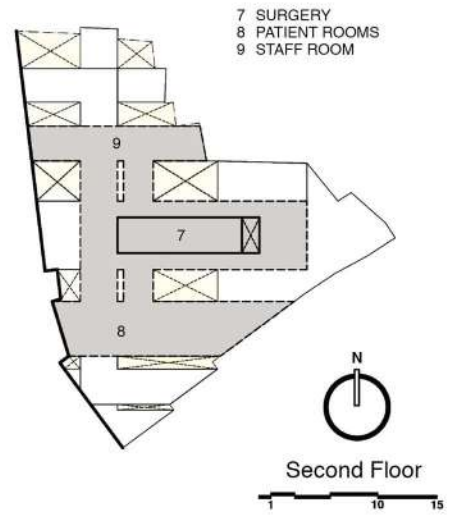
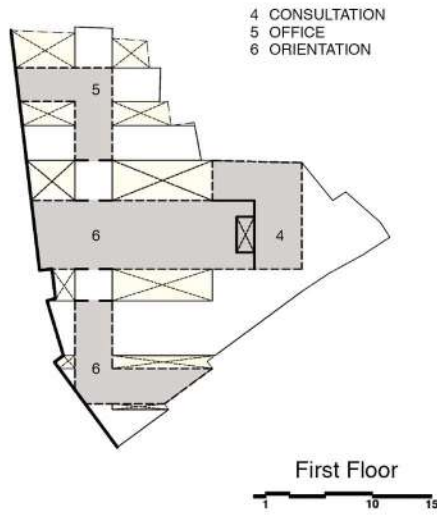
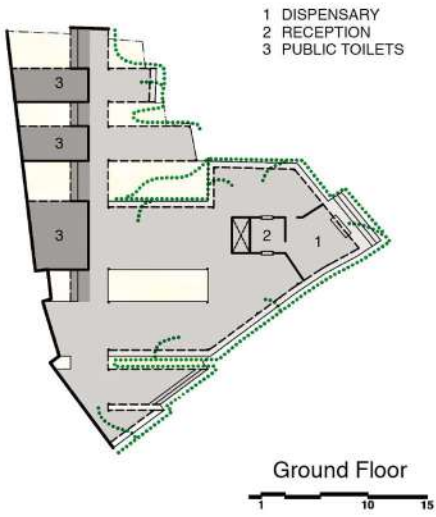
Inspiration



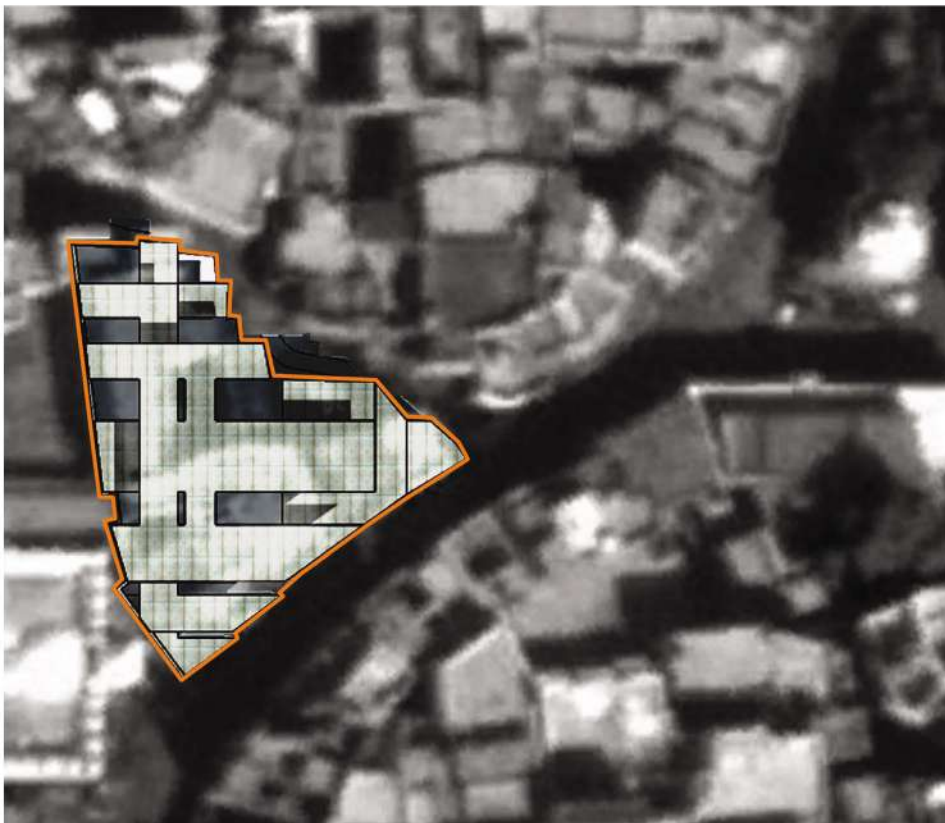
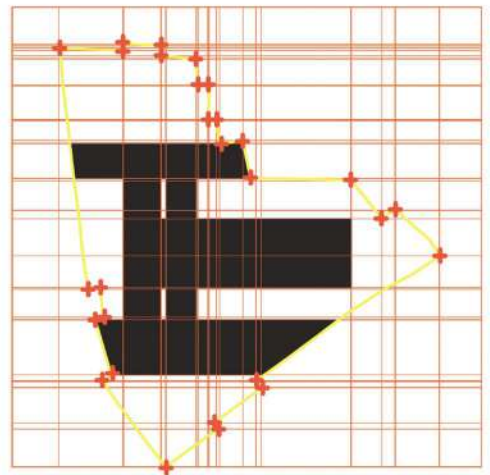
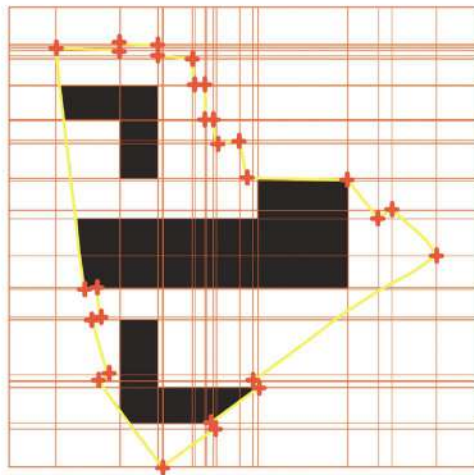
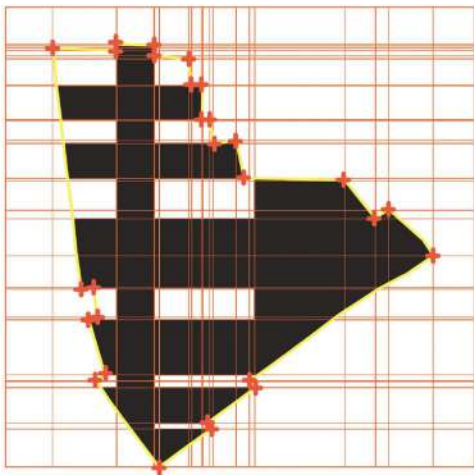
Section AA'







Public Toilets      Health Care      Circulation | Urban Edge      Points of Origin of Grid







**URBAN CONTRIBUTION**

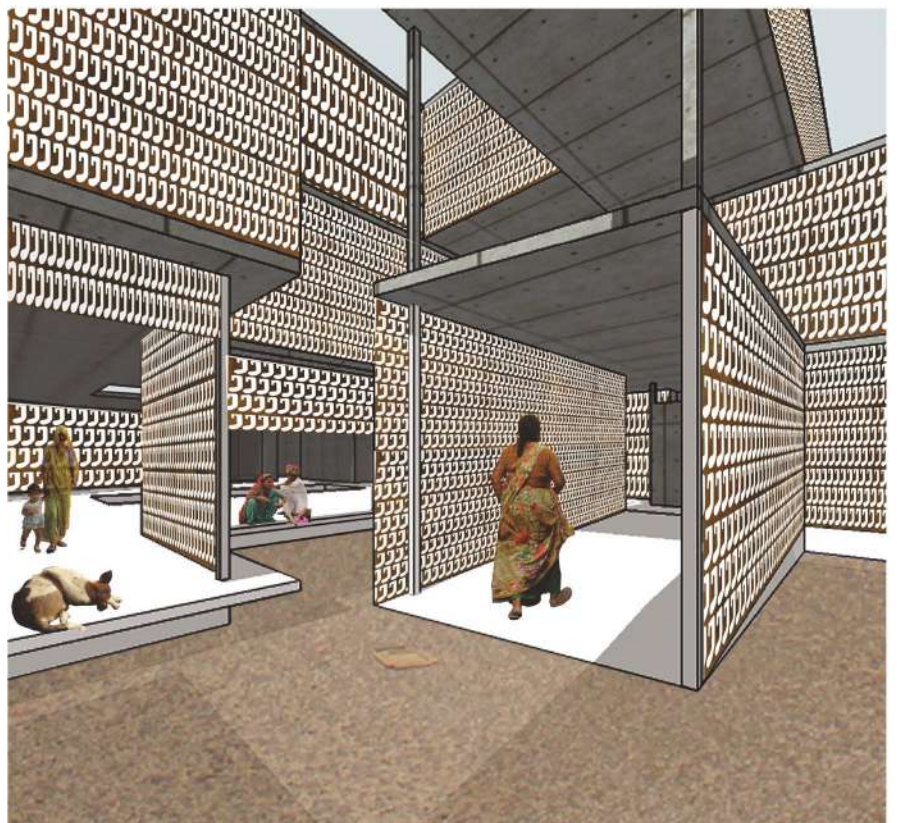
The project aims at demonstrating how one can create a contemporary building that draws from the existing fabric of a city. In addition to the zoning of functions allows easy access to the public toilets while maintaining privacy for the health care. A dispensary at the corner of the site also allows easy access to medicines.

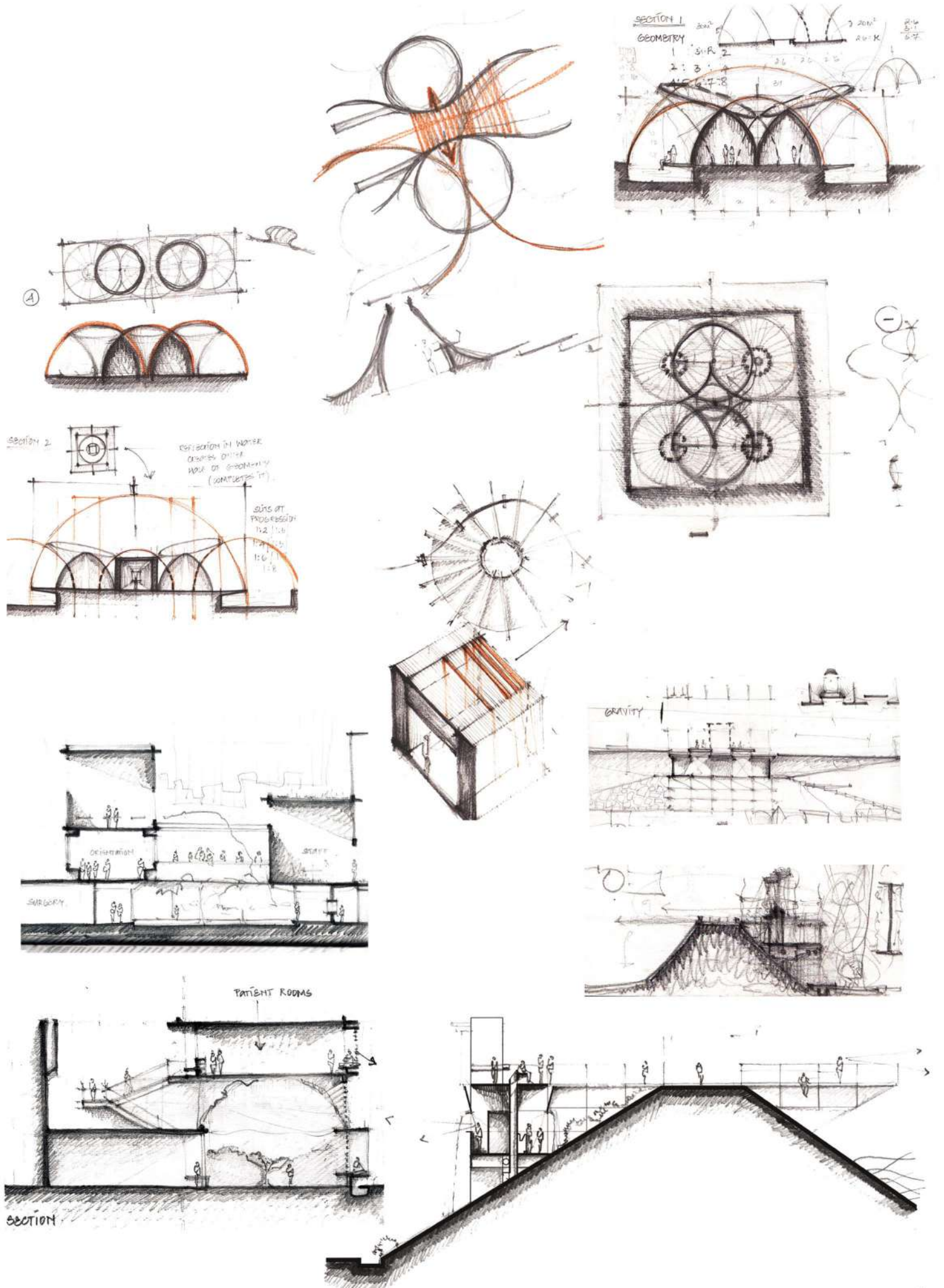
**CONTINUITY**

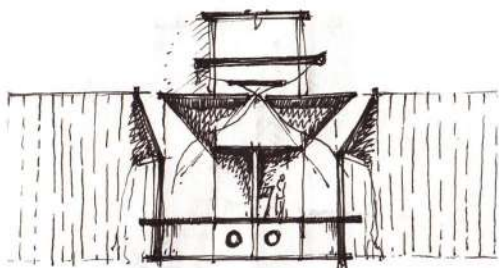
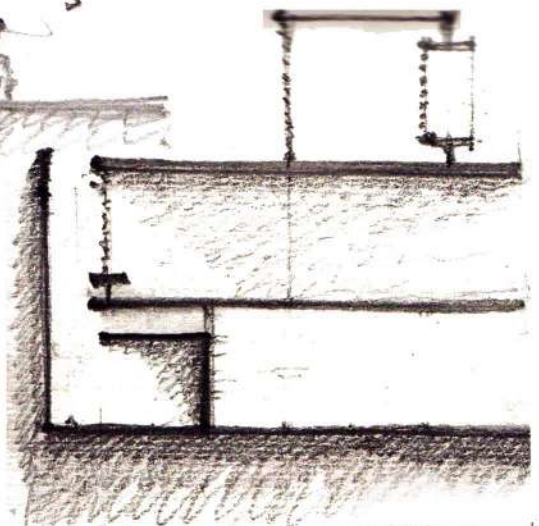
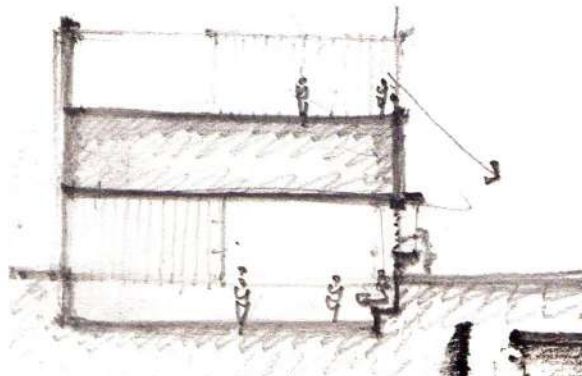
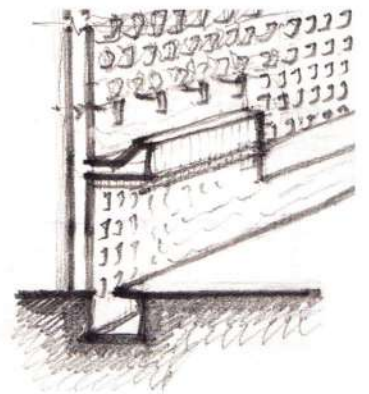
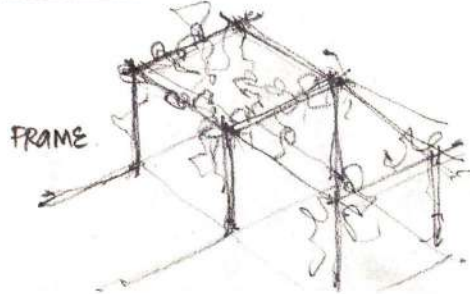
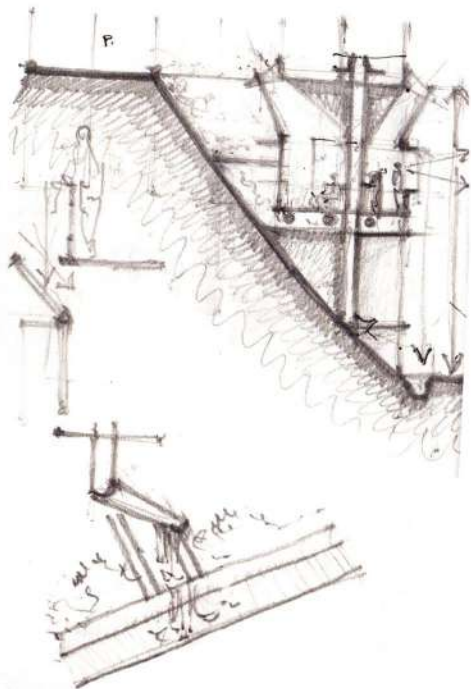
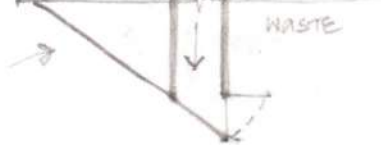
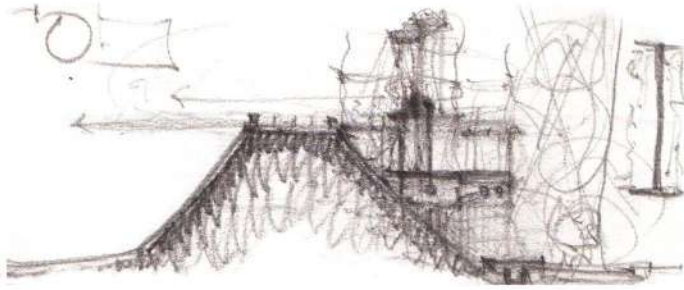
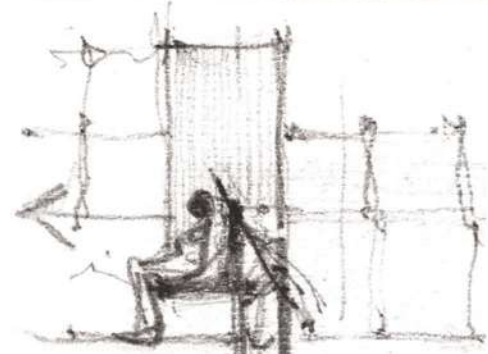
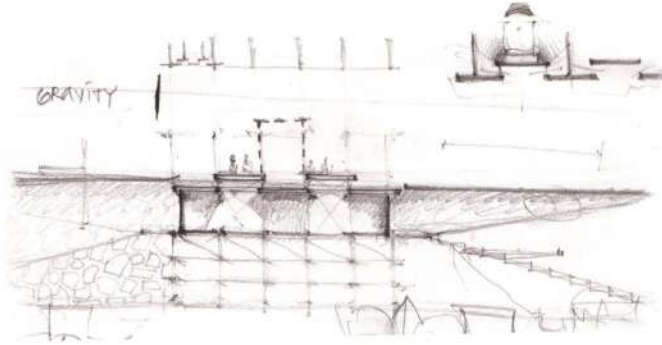
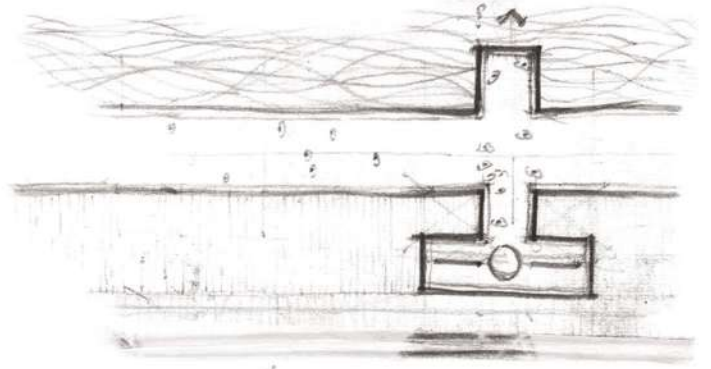
This insert draws its N-S | W-E orientation and its mass from the old city and creates a dialogue of continuity with the grain of the city. Also, the pattern of the brass jaali that wraps around the built-form is found locally in the city.

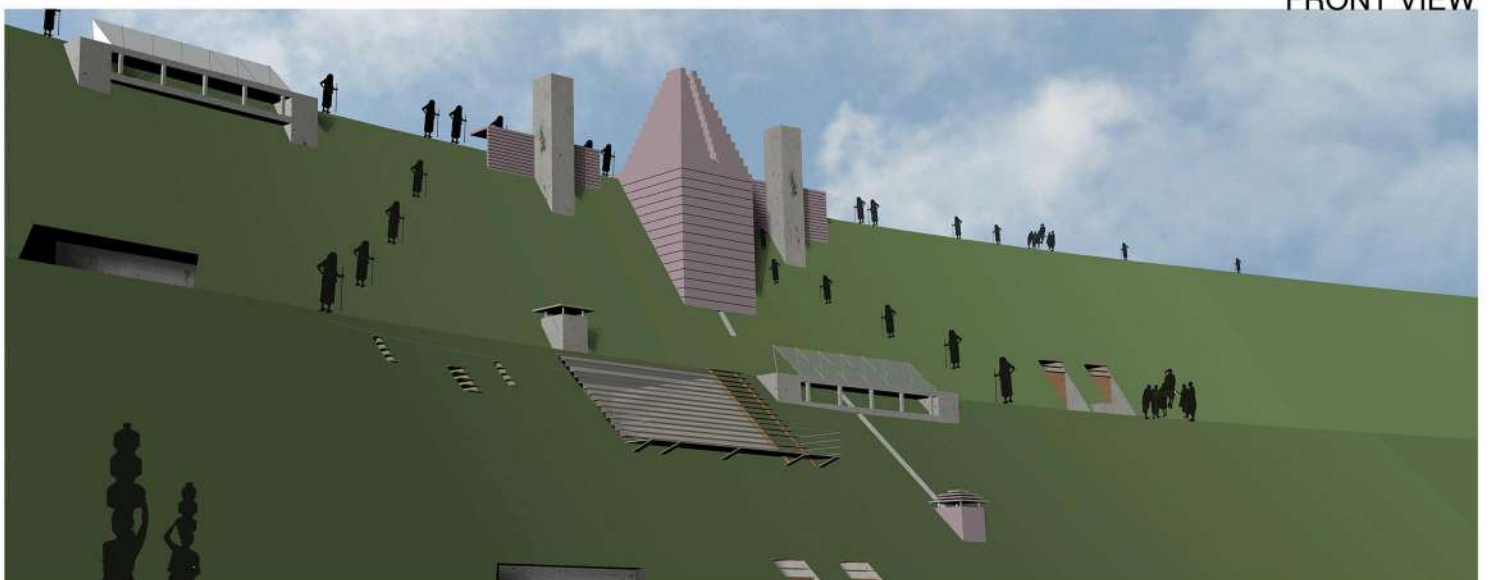
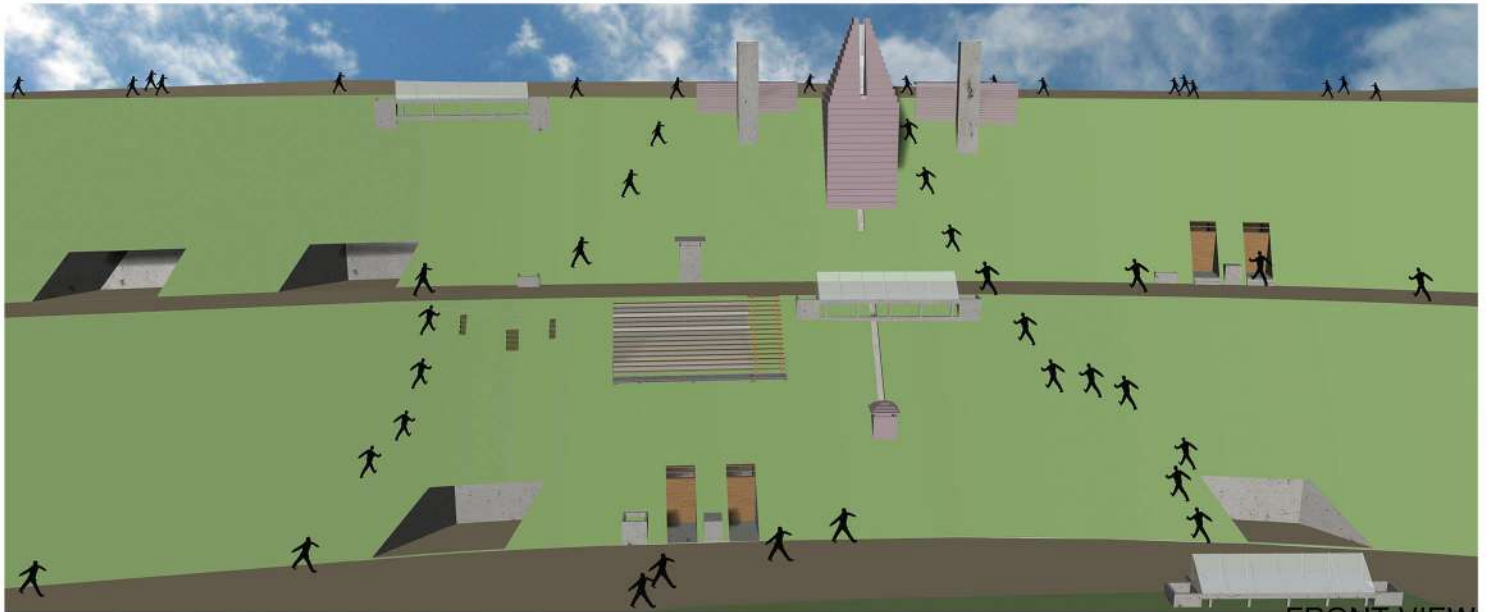
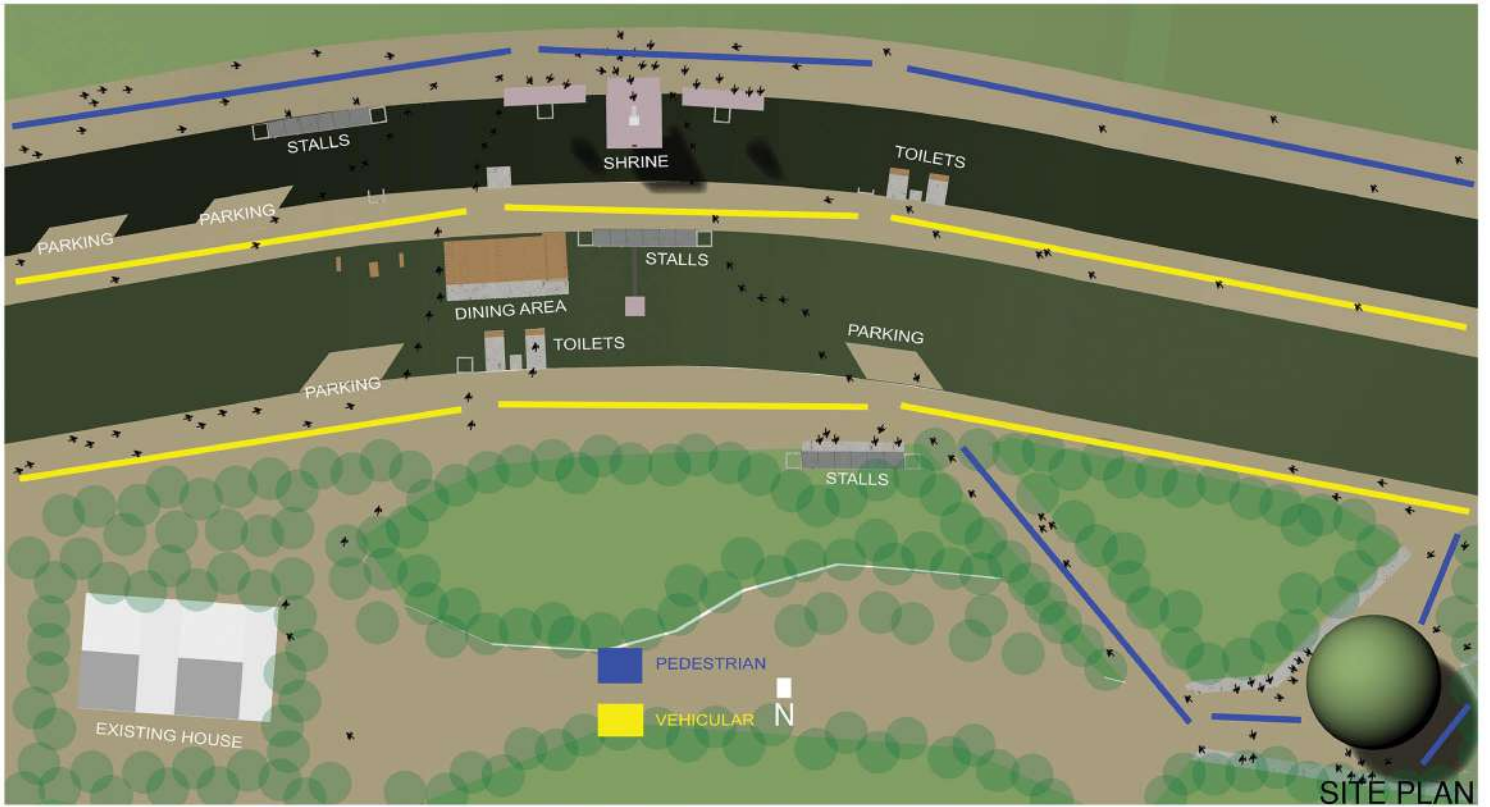
**URBAN EDGE**

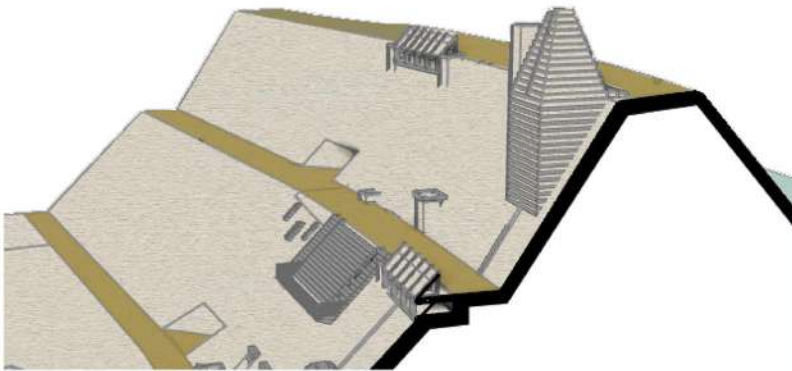
By creating modulations in the sizes of the perforated brass jaali that wraps around the building and allowing them to act as rolling shutters, an edge condition that encourages public interaction is created. At various points along the edge people can sit by the street. Also, at some points this edge draws people into interior courts.



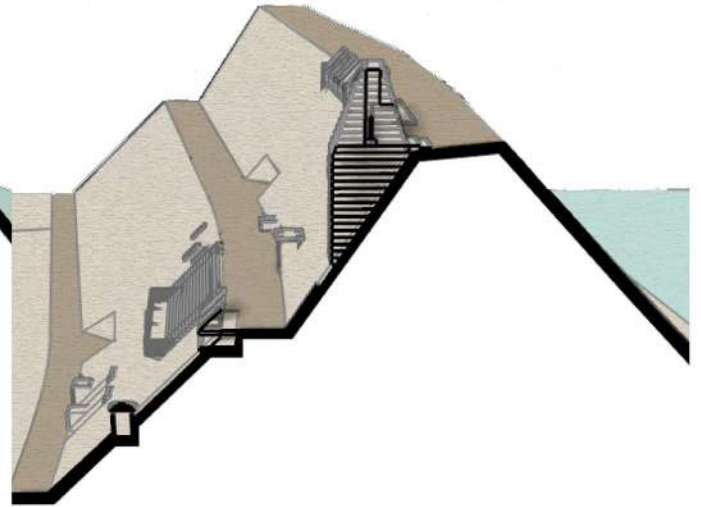




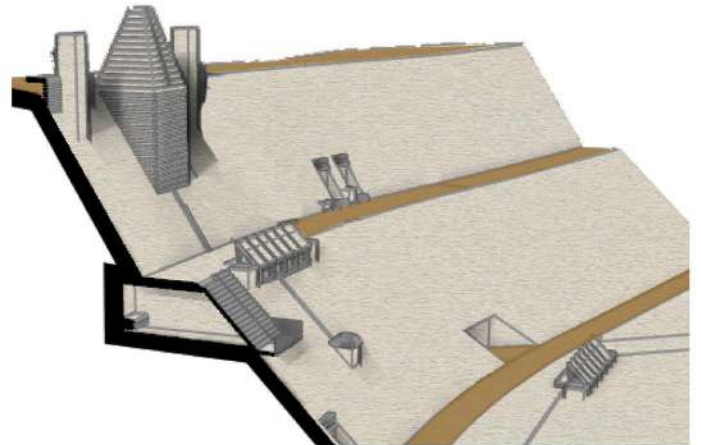
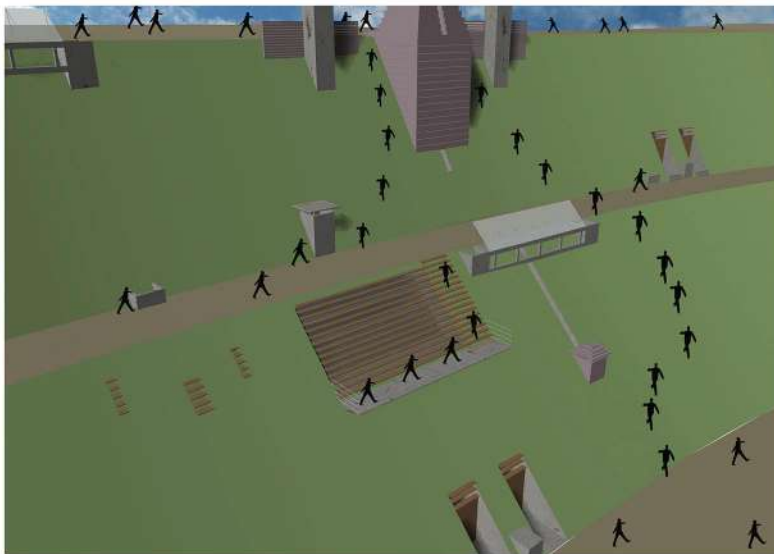




SECTION THROUGH STALLS



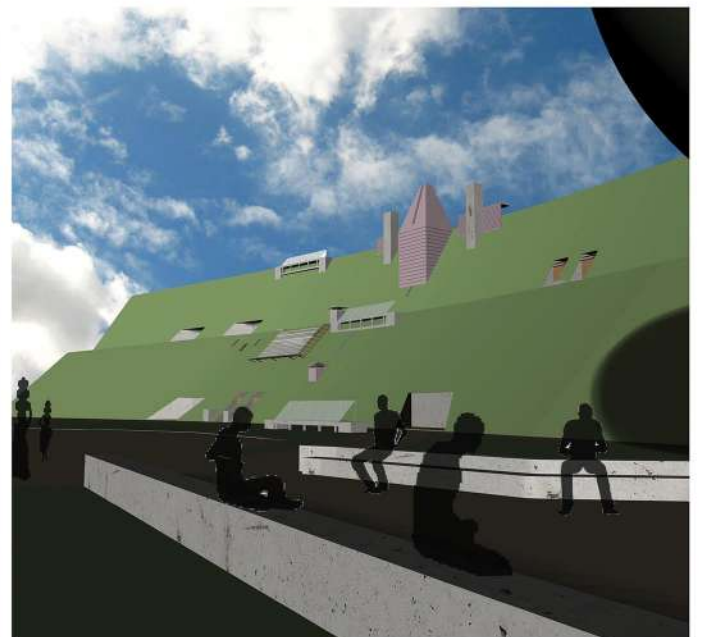
SECTION THROUGH SHRINE



SECTION THROUGH DINING BLOCK

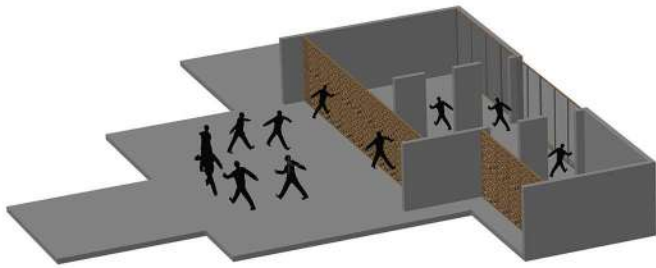


VIEW FROM 2ND LVL PATH ON THE BUND



VIEW FROM UNDER THE TREE

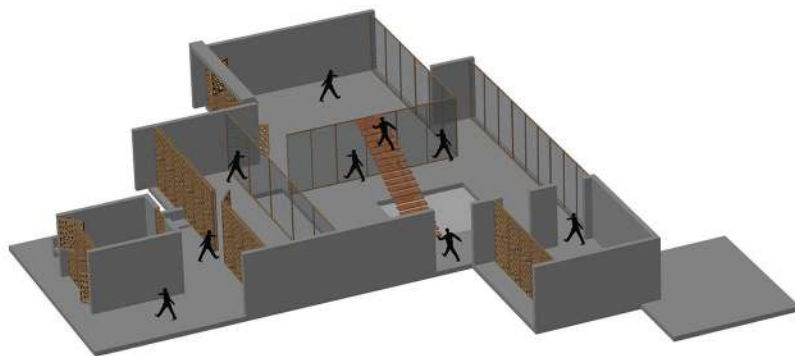




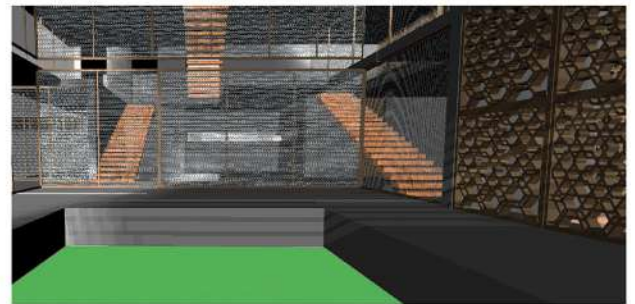
2ND FLOOR LVL(CABIN FOR DOCTORS)



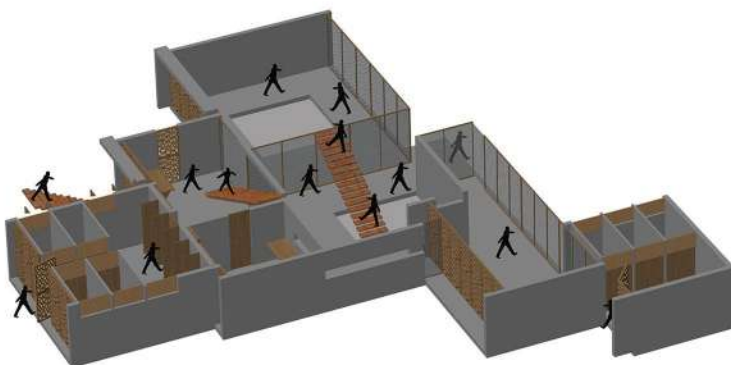
VIEW FROM CLOCK TOWER



1ST FLOOR LVL(ROOM FOR BEDS,O.T,STAFF ROOM,DISPENSARY)



VIEW OF TRAINING BLOCK



GROUND LVL (PUBLIC TOILETS, TRAINING AREA, RECEPTION, EXAMINATION ROOM)



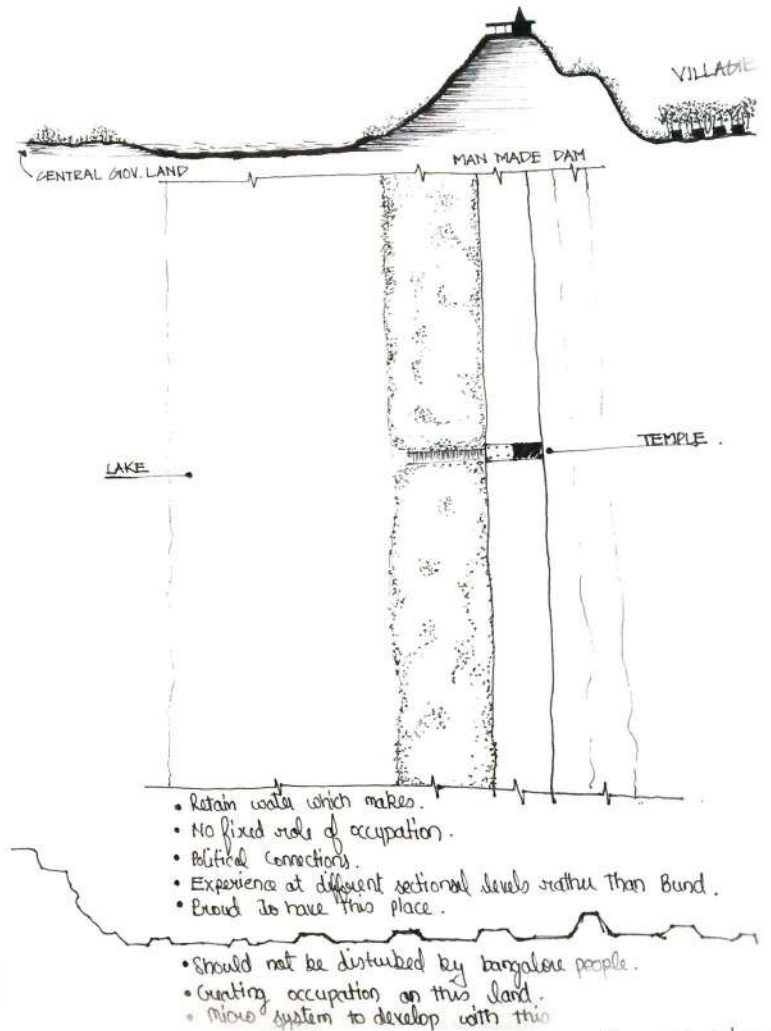
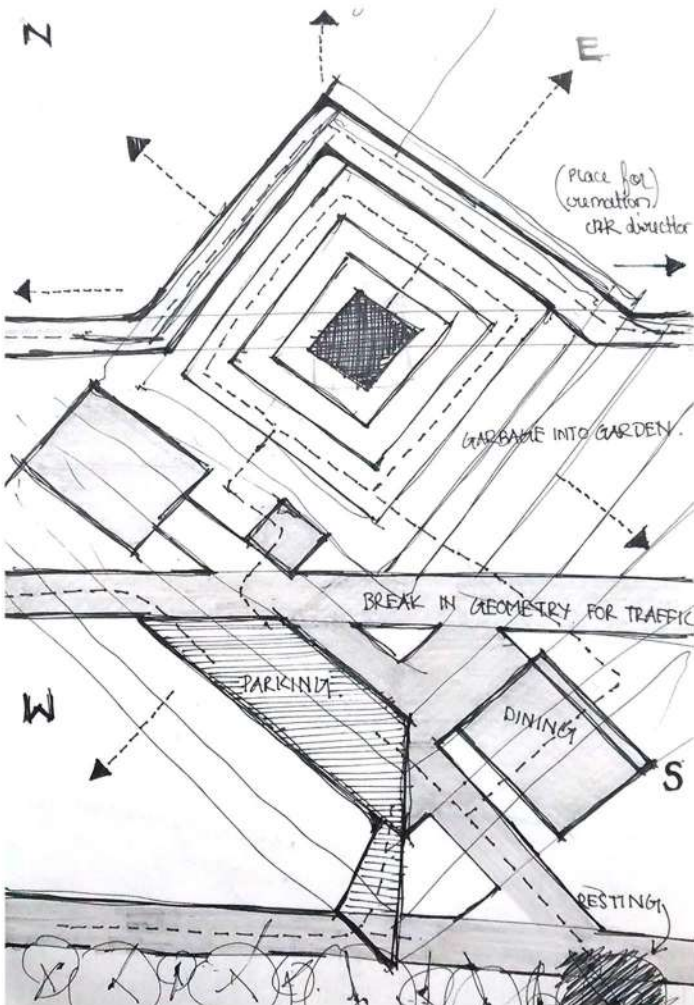
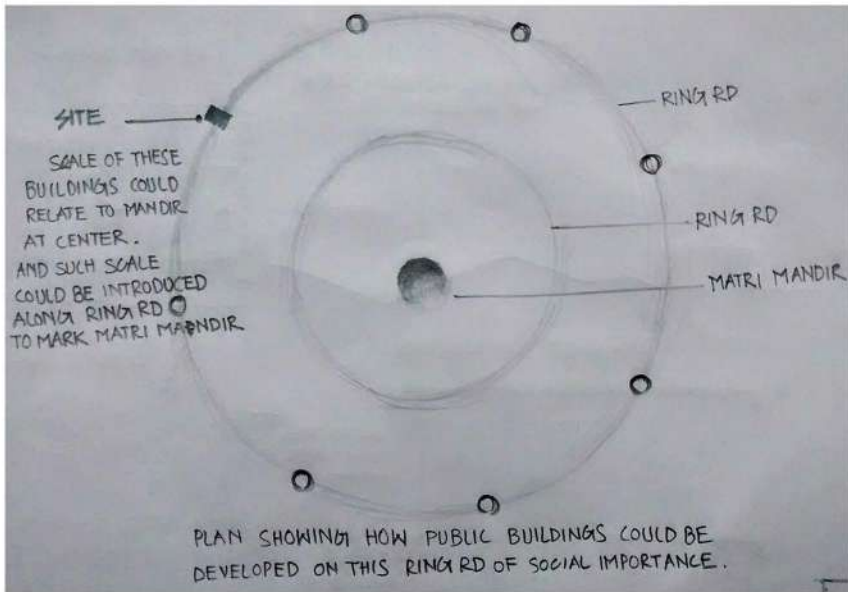
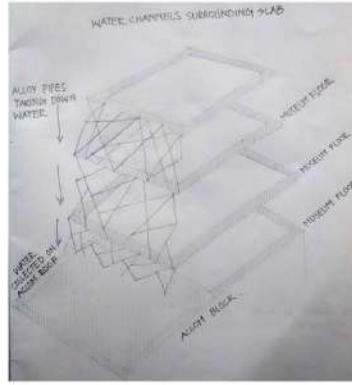
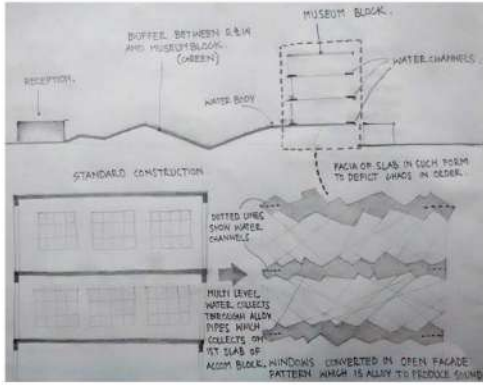
ARIAL VIEW



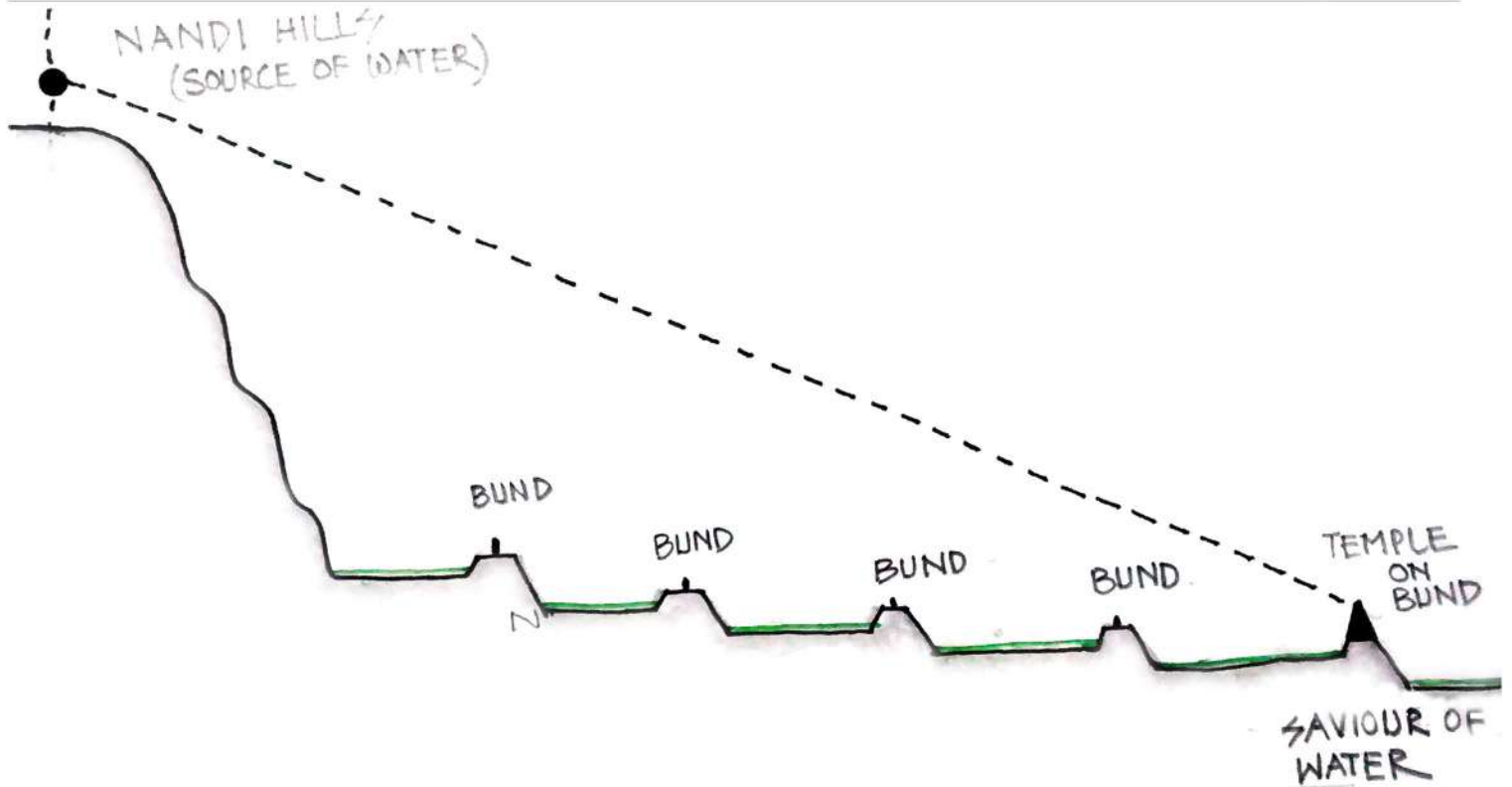
PLINTH LVL



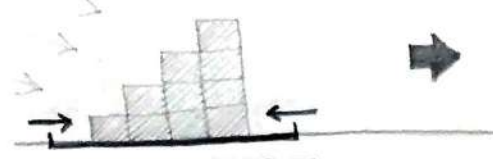
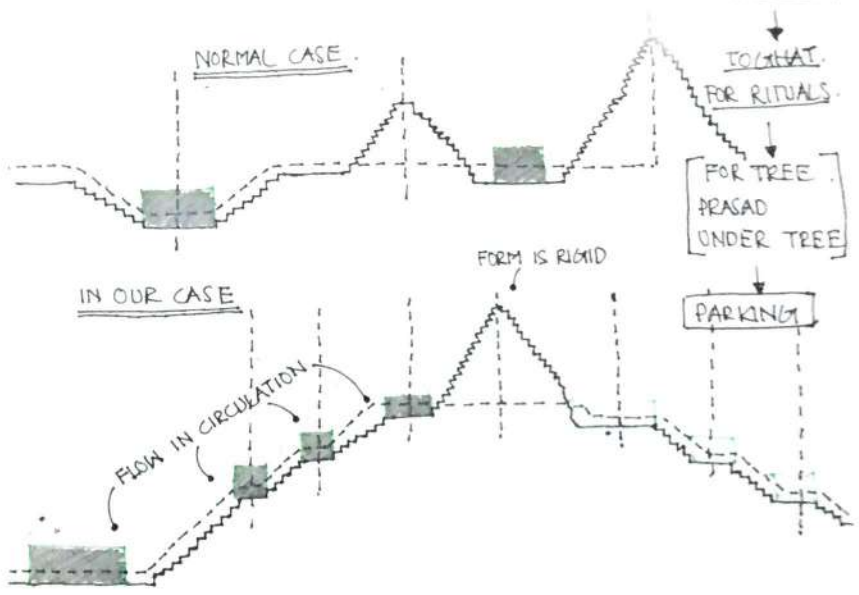
VIEW OF RECEPTION AREA





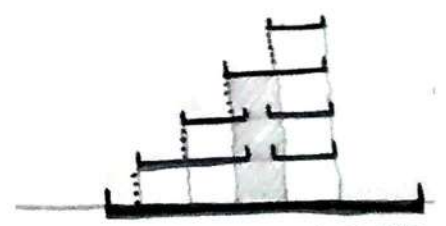


PARKING → COLLECTING TEMPLE THINGS → SMALL RITUALS →

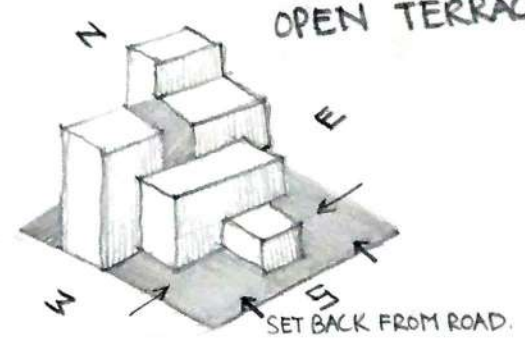


SCALE REDUCED TO GET SHADE FROM EXISTING BUILT UP

JALI ON SOUTH SIDE

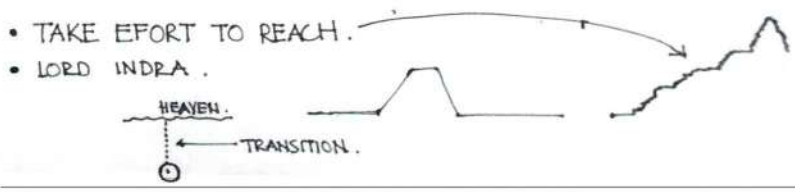


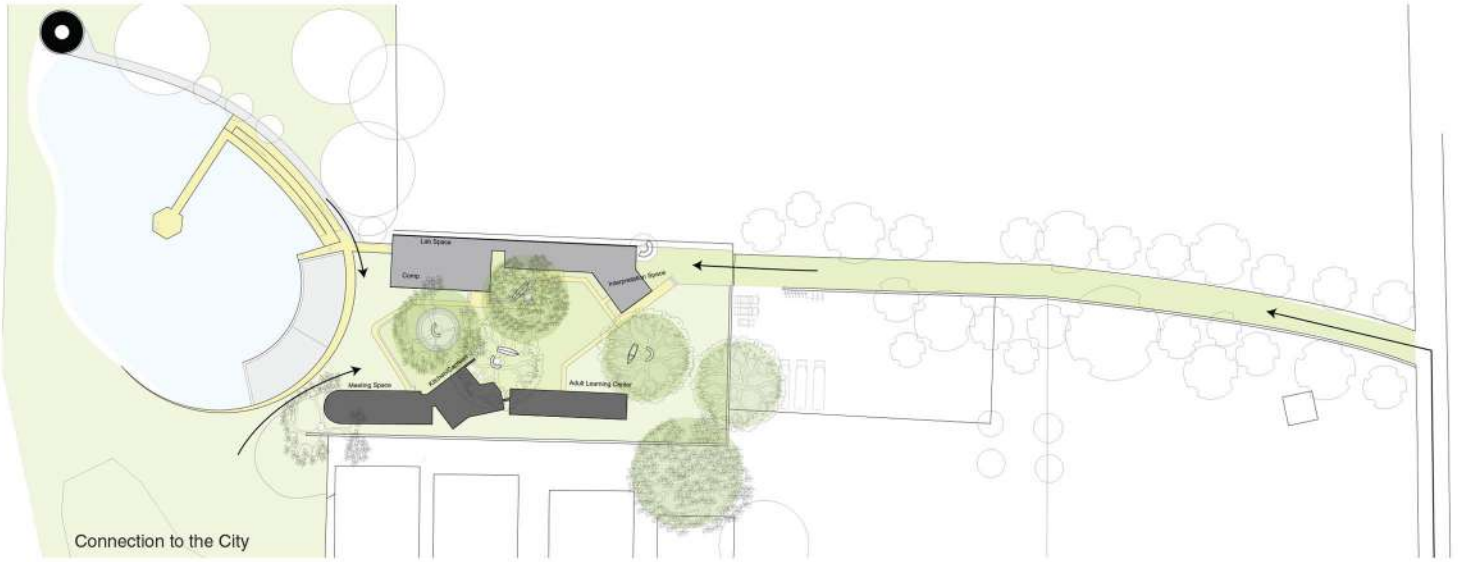
STEPPING BACK TO NORTH & CREATING OPEN TERRACES.



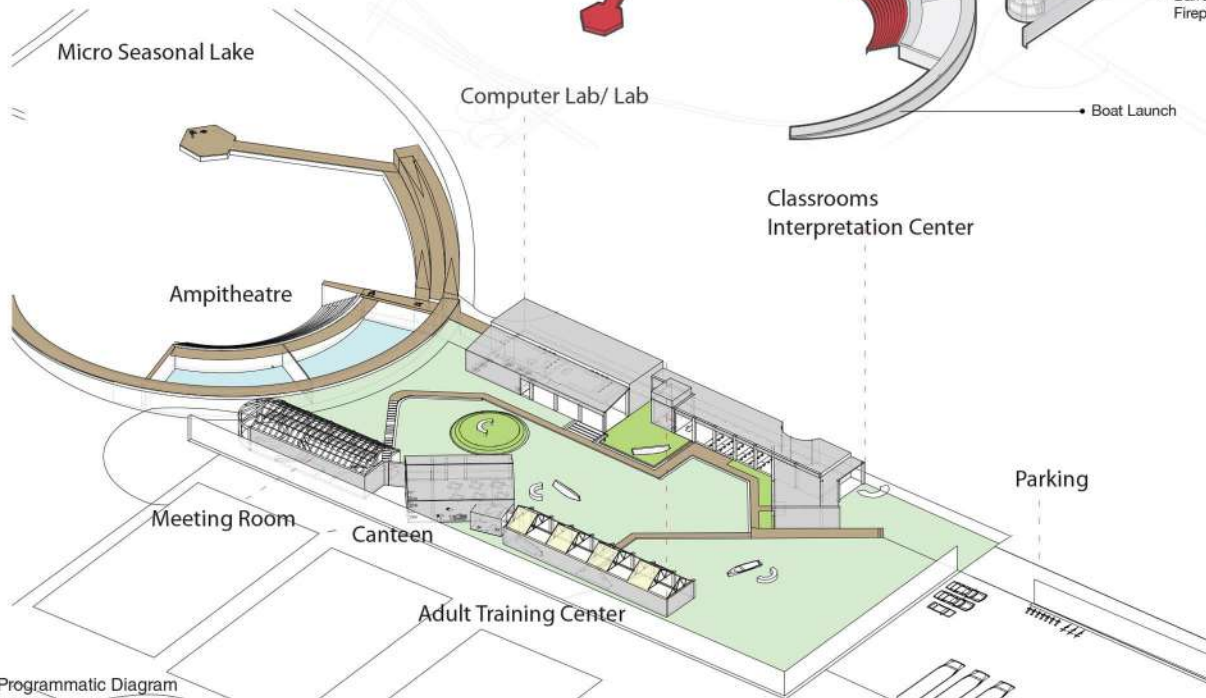
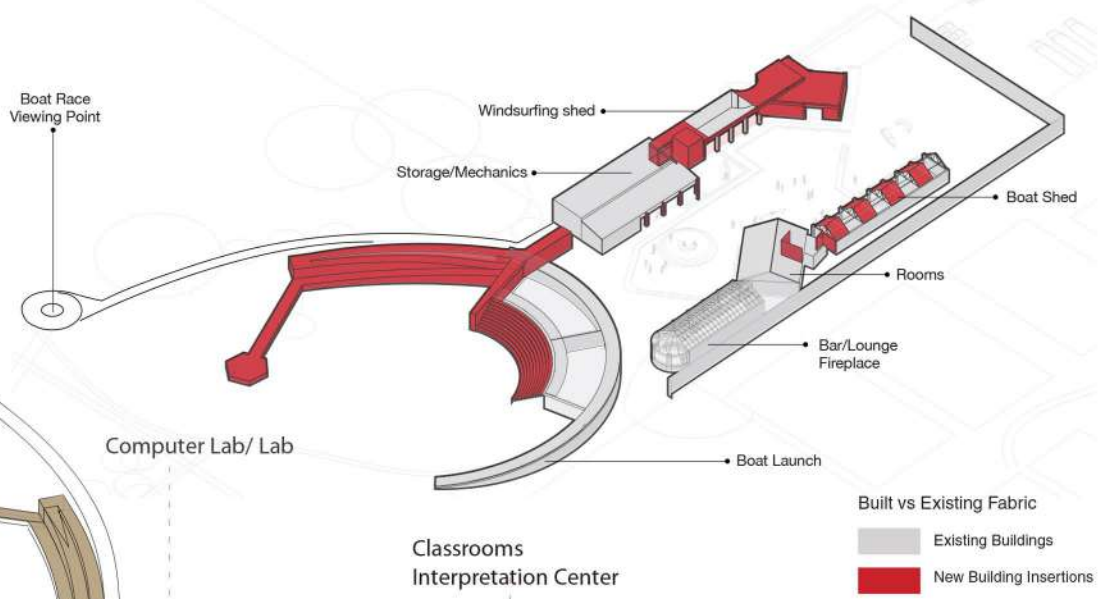
EXPERIMENTATION = DISCOVERY OF TRUTH.  
EXPERIENCE

• CHK THE TEMPLES IN VICINITY.





The field resource center will be a private facility open to the entire region. Children from all neighborhoods are welcome to reserve their spots, and attend an on-site eco-biology class creating transects and quadrants across the riverbed landscape. The complex also has public facilities for the shepherds including a meeting place, community canteen, and adult training center.



Programmatic Diagram



View into the Campus



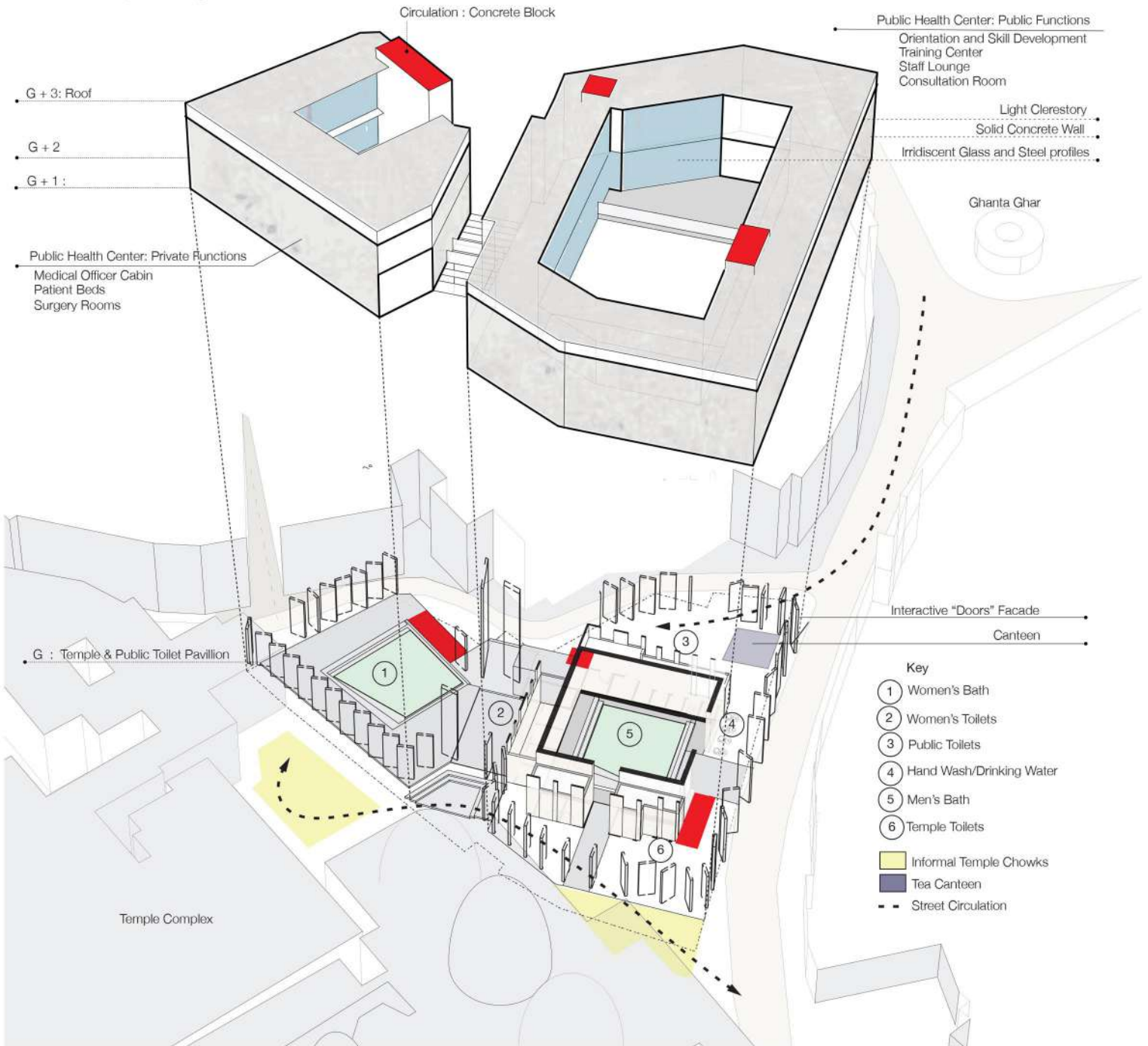
Plan

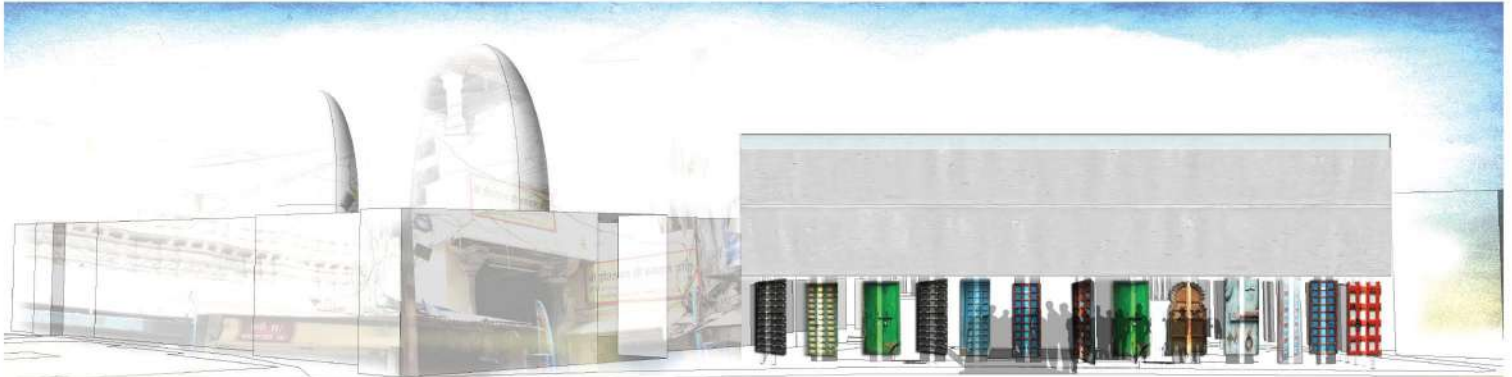
View from Riverbed





View from Temple Courtyard





URBAN CONNECTION

1. Urbanistically, this project connects the temple with the new toilet and bath pavillion. By removing the boundaries between the temple and the baths, there is a new urban relationship created. Those going to the temple, can use the toilets, and the baths for their needs. Through the use of the pivoting 'doors', an interactive street facade is created that is both playful and functional.

UDAIPUR CONNECTION: "The doors"

2. There are two types of doors: recycled and manufactured. By taking the abandoned doors of Udaipur and reusing them, the continuity of colorful and unique doors on the ground level is maintained. The double height manufactured doors, take inspiration from the traditional doors and will employ local craftsmen. The solid mass above the transparent ground plane creates a contrast, and an oasis for the public health center that is entirely inward facing.

PROGRAM

3. Programmatically, this project glorifies the public toilet and inverts the turkish baths along with lifting the public health center above the ground giving the city a useful and playful space. There is a separate bath for men, and women ; a tea shop for the street edge, public toilets, and a public health center.



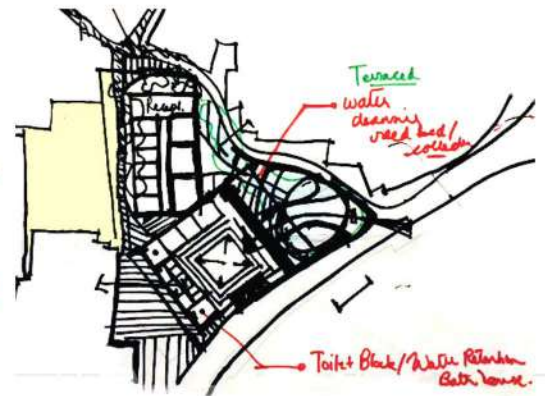
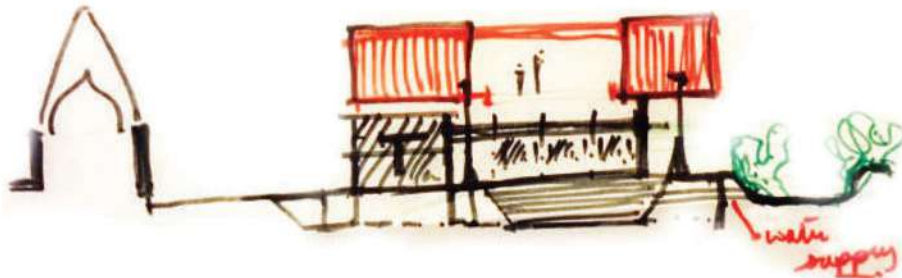
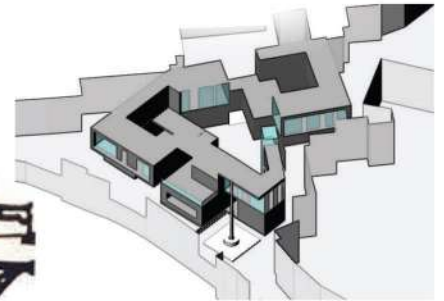
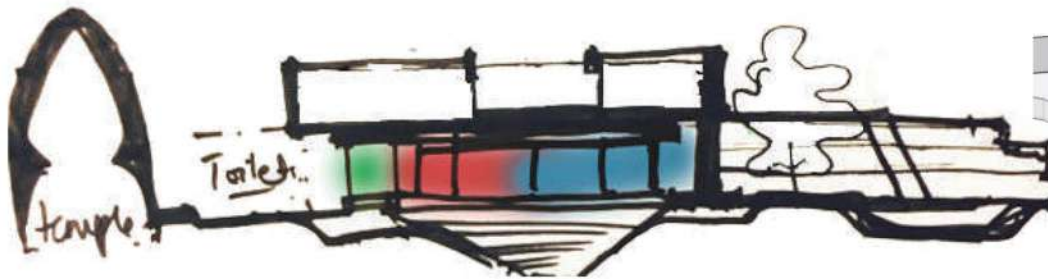
View from Women's Bath



Street View: From the clock tower



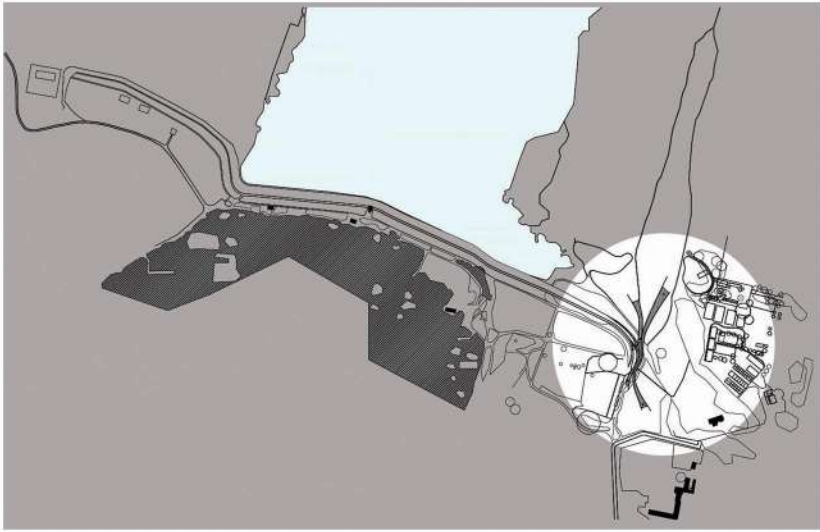
Birdseye View





3D views





This particular project is inspired from the surrounding natural elements. the Hessaraghatta bundh divides the site into two major parts. one side is with settlements and green and the other side is the lake itself.

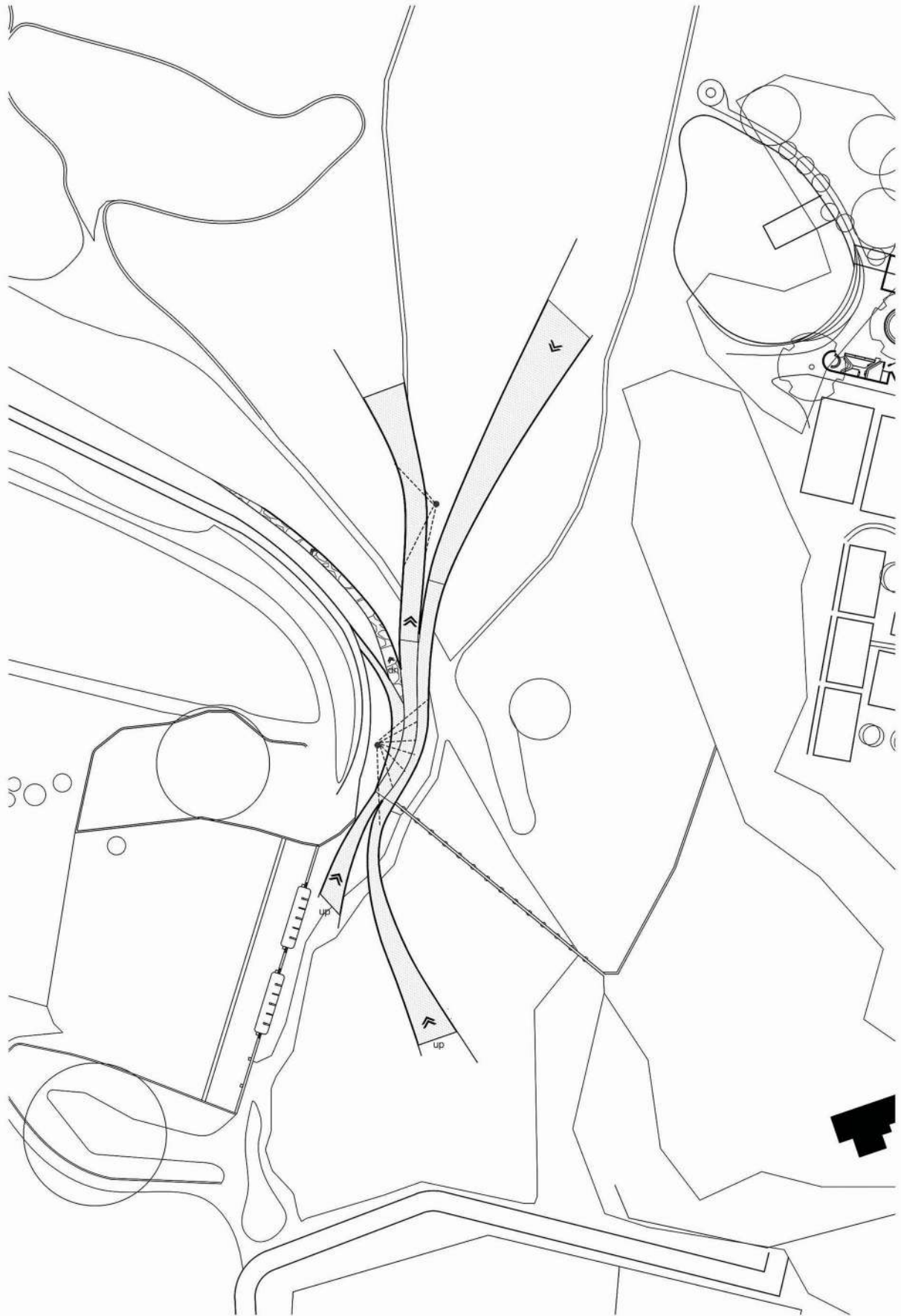
This installation works as a weaving material which combines the green and the lake. it provides the user to experience the elements existing there like the stones, red earth, water and view towards the sky.

Site plan



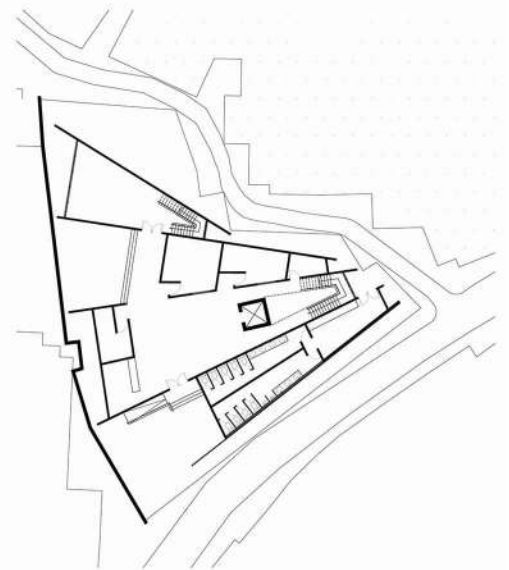
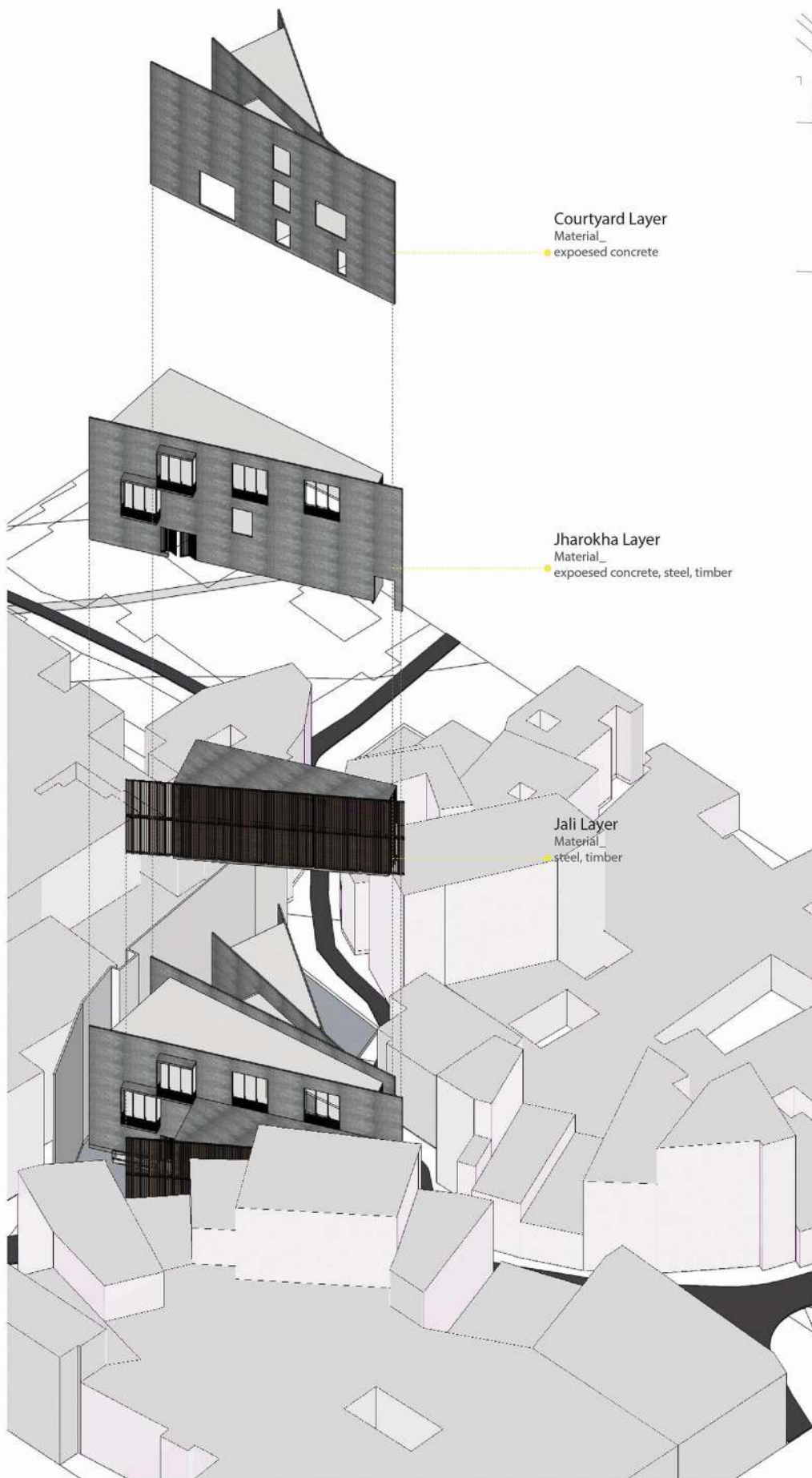
Arial view



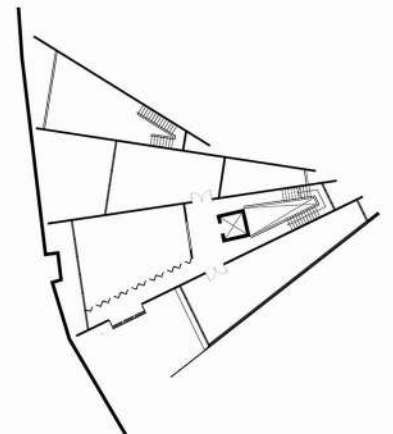


Top View

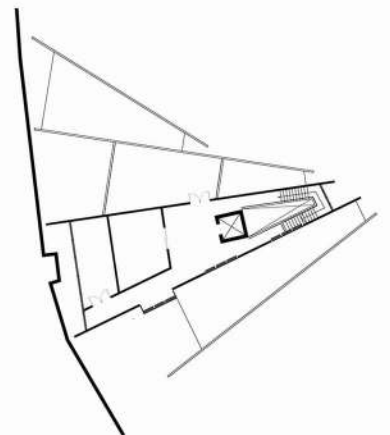




Ground Floor



First Floor

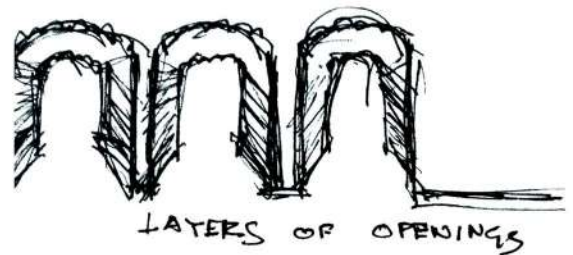


Second Floor

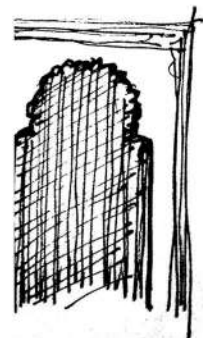
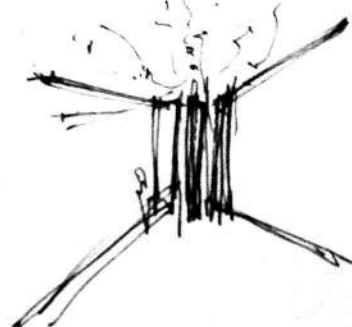
Exploded Axonometric View



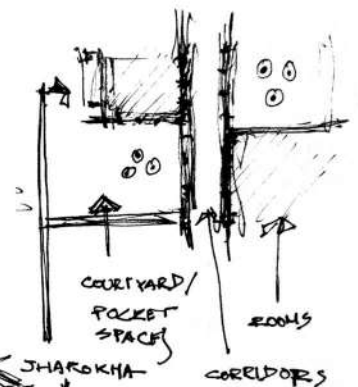
LAYERS



LAYERS OF OPENINGS



JALI



COURTYARD/  
POCKET  
SPACE

ROOMS

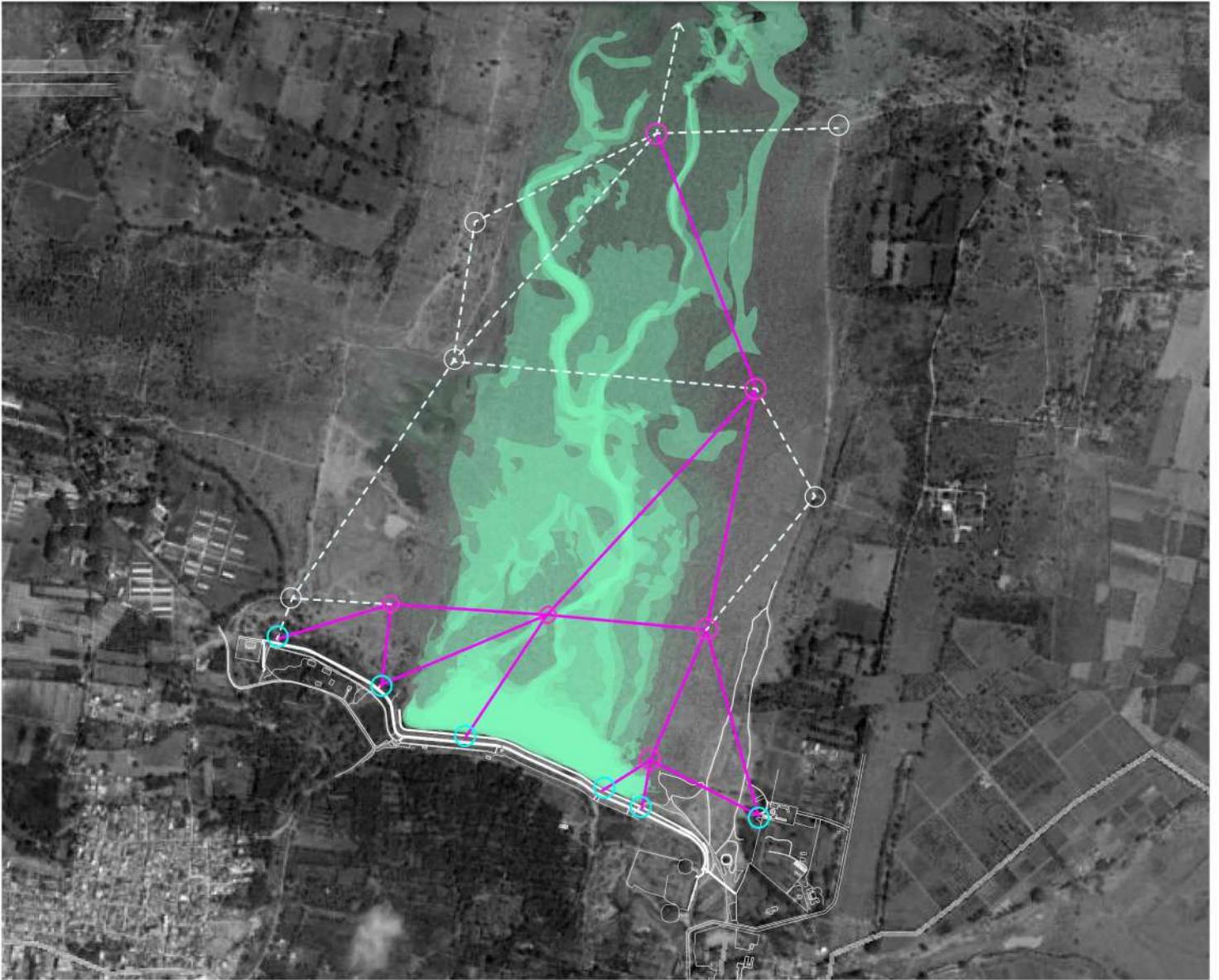
CORRIDORS

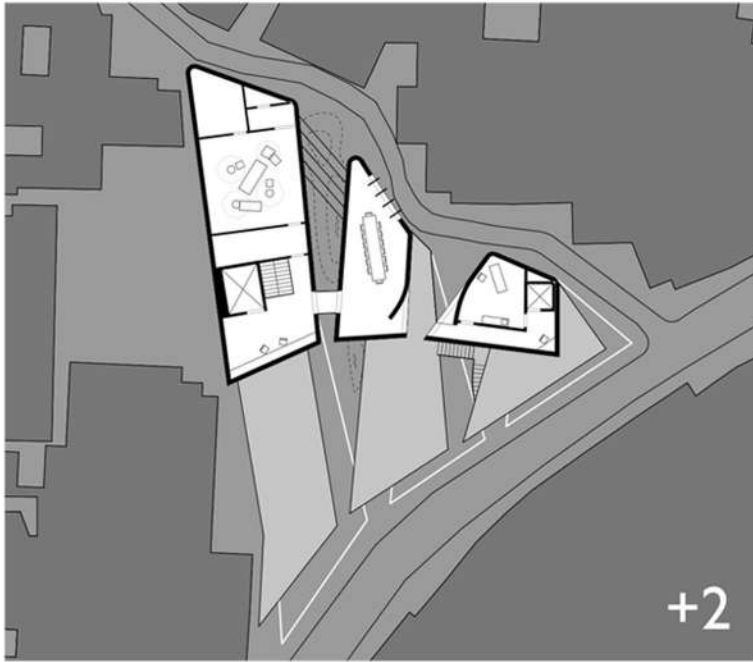


JHAROKHA



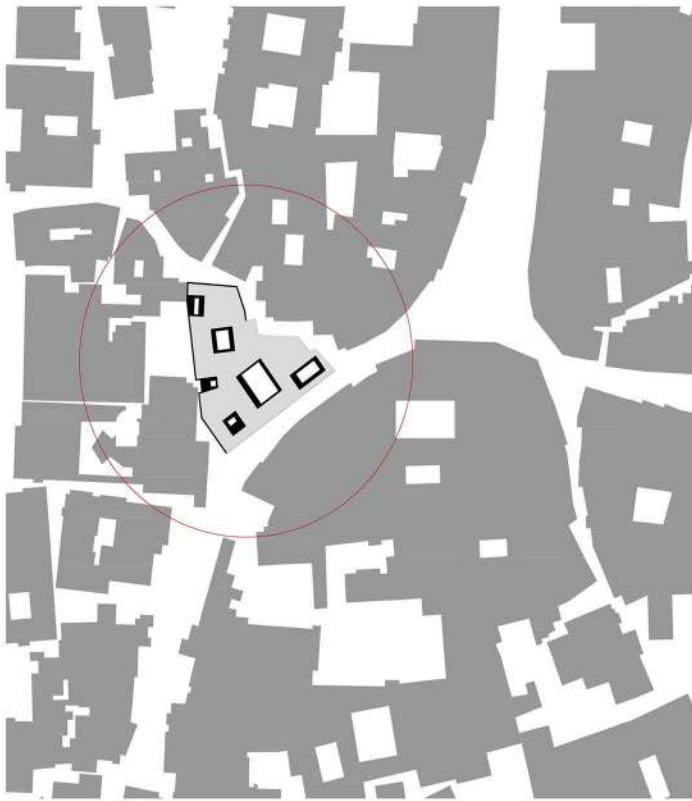












Continuity of design into the city of Udaipur?

Proportions of the open spaces with respect to built remain coherent with the existing city fabric, thus ensuring continuity in the particular design. The design also reflects a certain character of accessing the building through a meandering lane leading to a court.

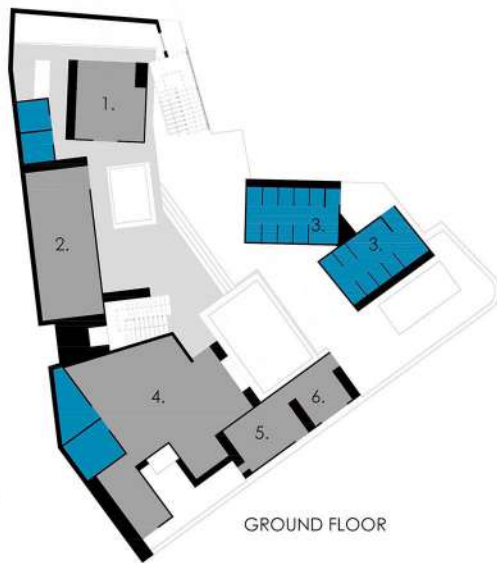
Responsibility to the urban fabric?

The choice of material is a response to the growing fabric of the small city of Udaipur. The aging of copper, zinc, thatch used in the building represents the growth of the building with in the city. Apart from this, the corner of the site acts as public realm facing the street.

What is the programmatic solution?

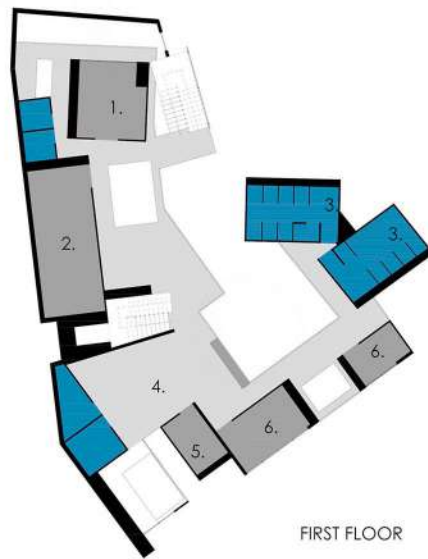
The programmatic solution deals with the easy accessibility of spaces such as the dispensary and the consultation room on the ground floor to the immediate public. The distribution of spaces are directly related to the urban activities happening around.

Roof plan with the urban fabric of the city of Udaipur



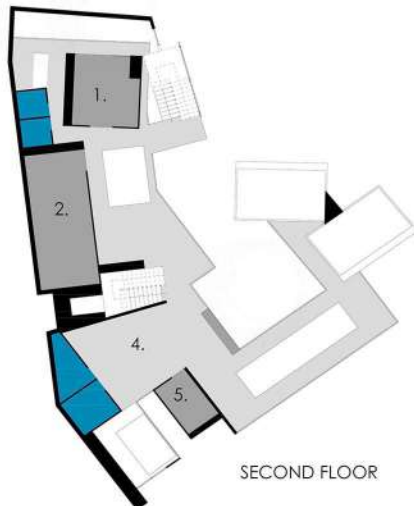
- 1. Surgery Room
- 2. Beds
- 3. Public Toilets
- 4. Training centre
- 5. Consultation Room
- 6. Dispensary

GROUND FLOOR



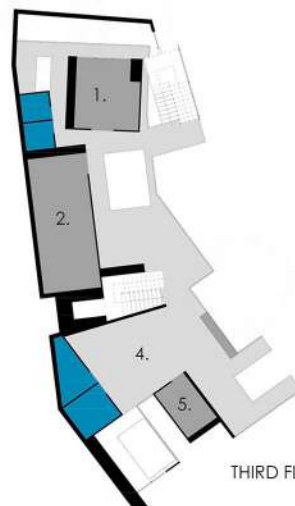
- 1. Surgery Room
- 2. Beds
- 3. Public Toilets
- 4. Training centre
- 5. Storage Room
- 6. Staff Room

FIRST FLOOR



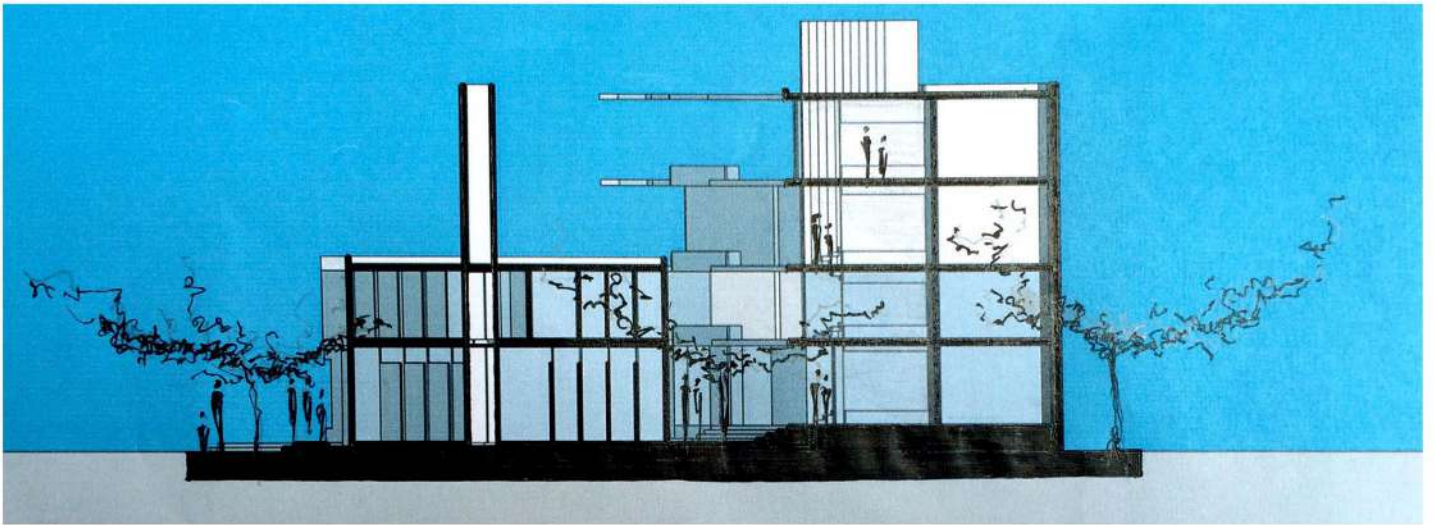
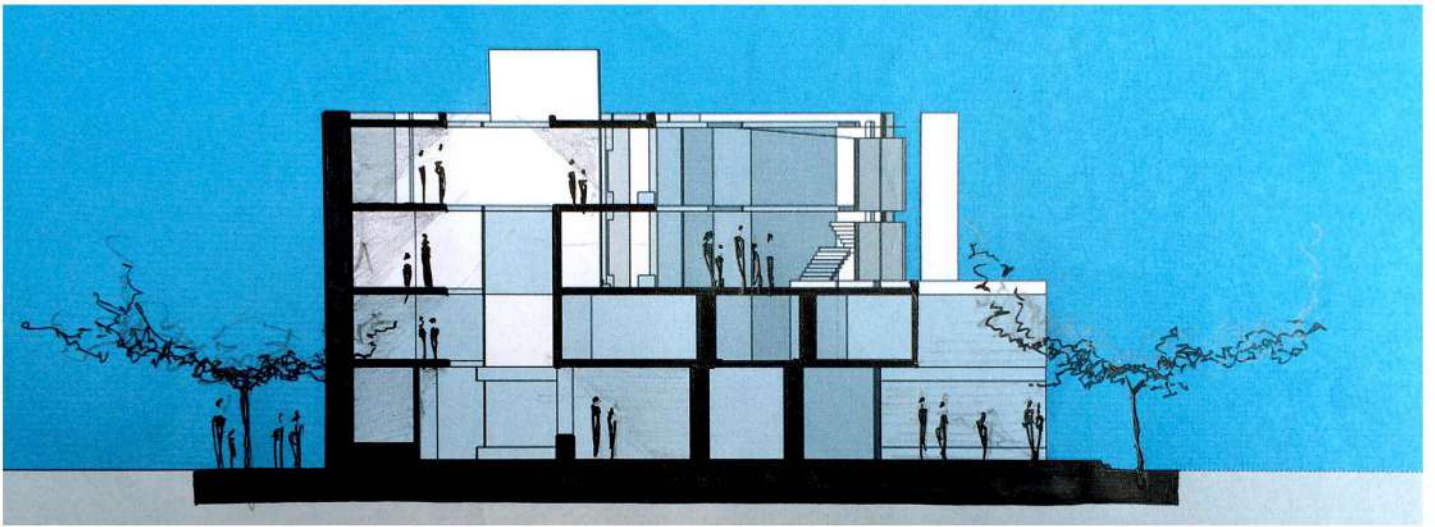
- 1. Surgery Room
- 2. Beds
- 4. Training centre
- 5. Storage Room

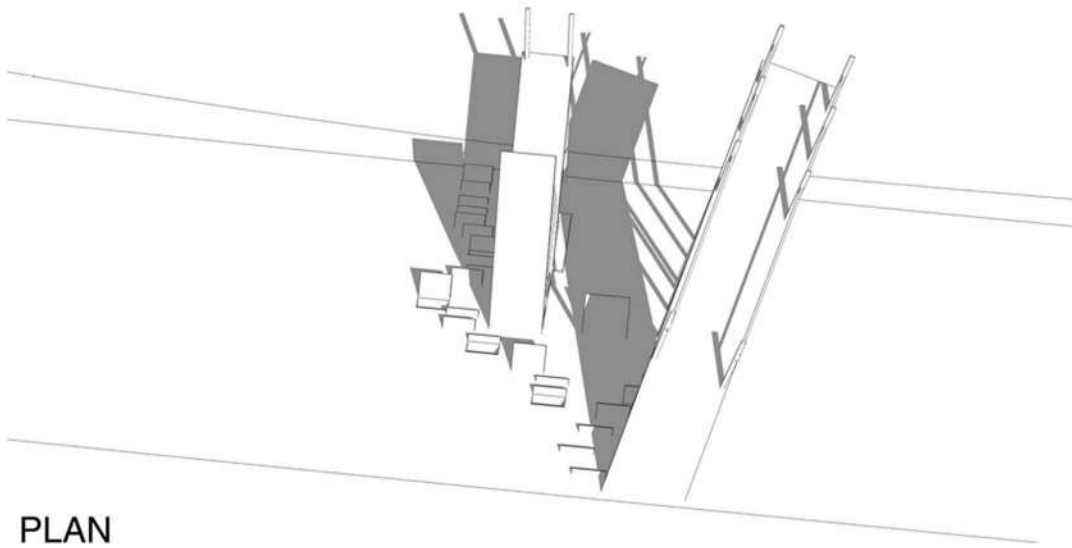
SECOND FLOOR



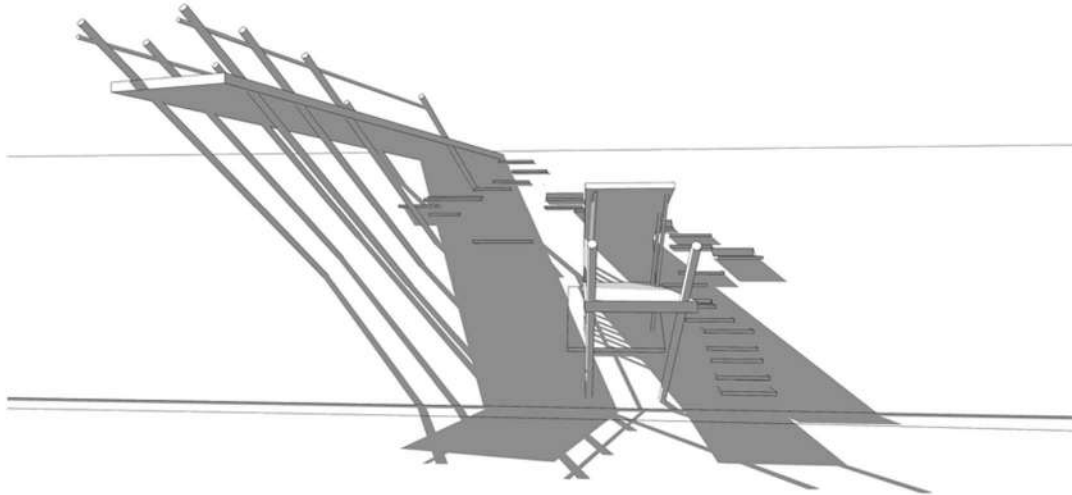
- 1. Surgery Room
- 2. Beds
- 4. Training centre
- 5. Storage

THIRD FLOOR

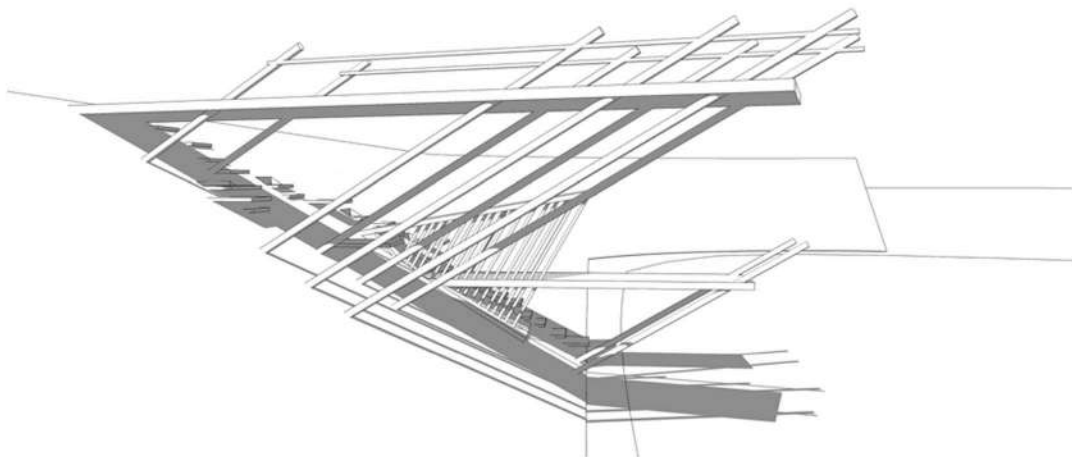




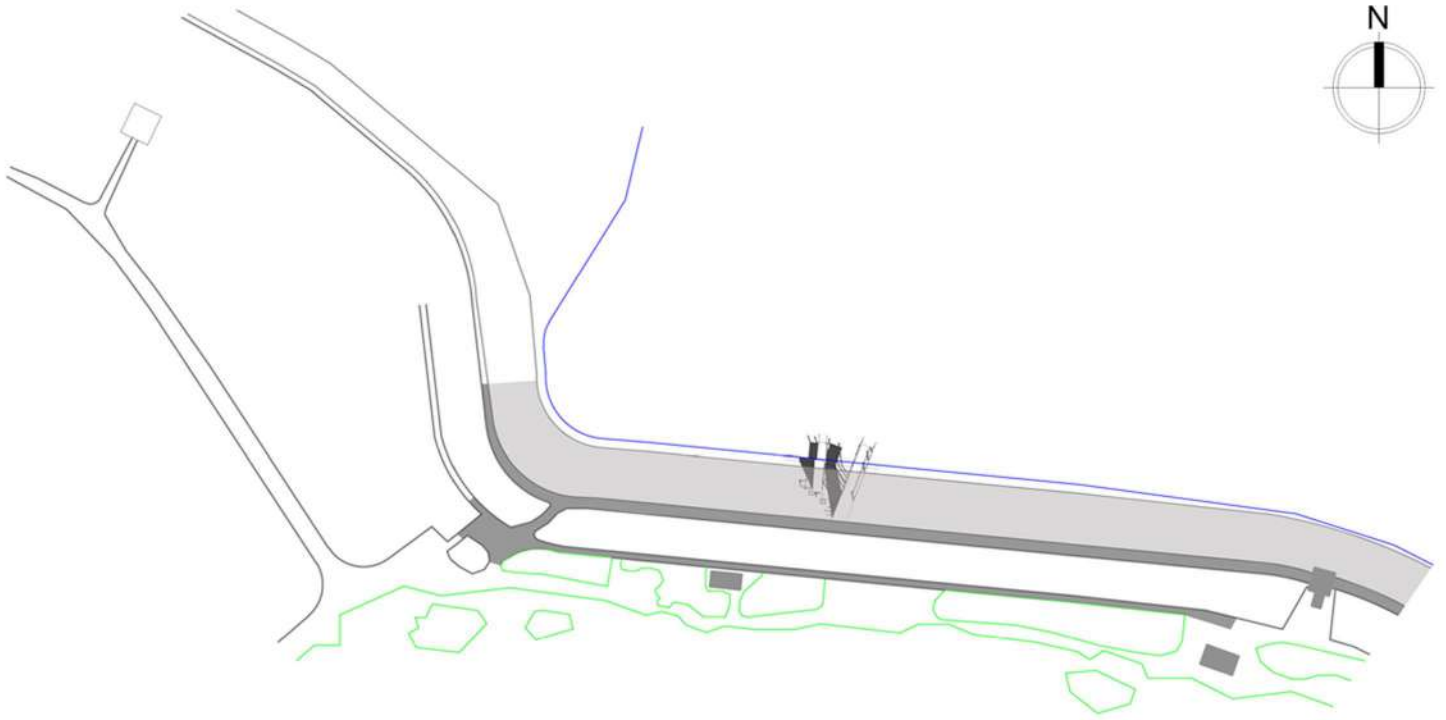
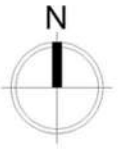
PLAN



NORTH ELEVATION



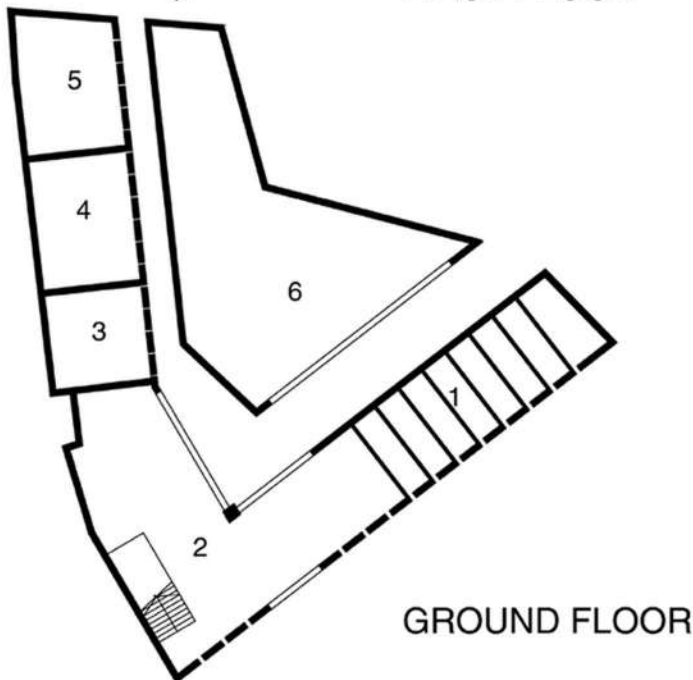
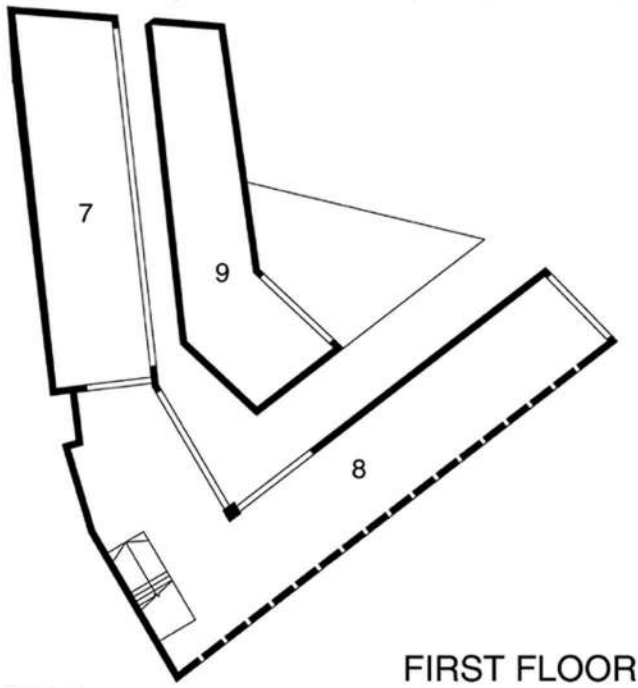
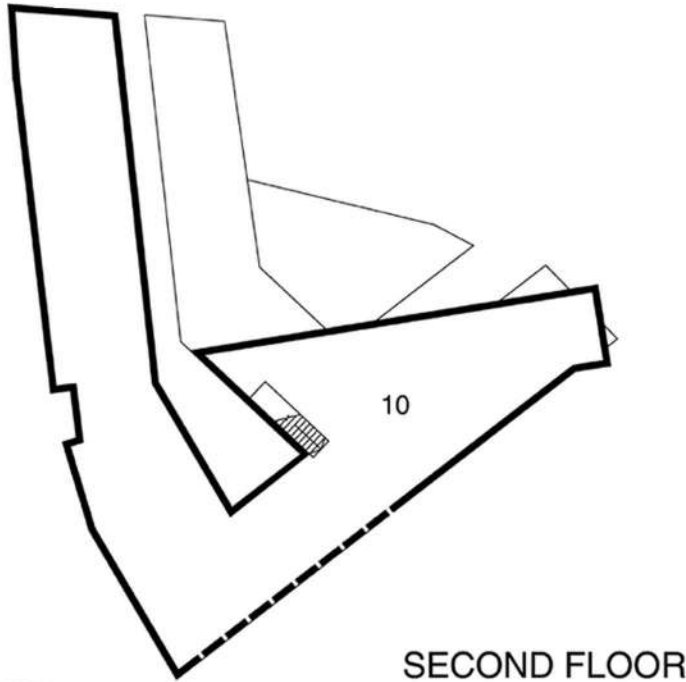
EAST ELEVATION



LOCATION PLAN

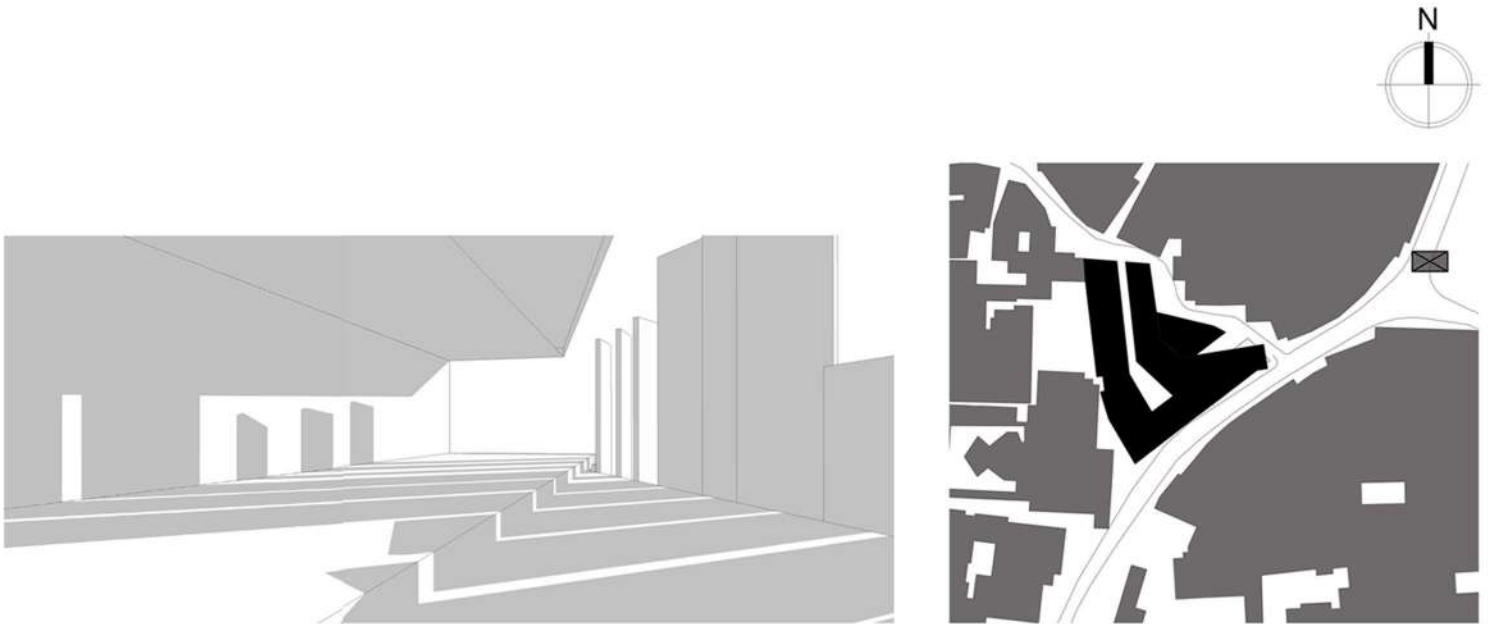
A series of platforms that give the user a sense of place and ownership over the area. Primarily to provide the fishermen of the lake with a resting spot, shade and storage. This insertion aims to create a link between the users of the bundt and the working fishermen of the area. The platforms vary in size so as to encourage walking, sitting and exploring.





- 1 Public Toilets
- 2 Reception
- 3 Consultation Room
- 4 Medical Officer
- 5 Surgery Room
- 6 Staff Room
- 7 Beds
- 8 Waiting Room Space
- 9 Training
- 10 Open Public & Viewing Soace

The modulation of the front facade is influenced directly by the surrounding city. The varying heights and tall panels act in the same way as the city, being built up over the years. This facade also creates a direct interaction with the urban movement from the street. This individual panels are controlled at the ground floor and pivot all the way to the top. The porous, interactive facade provides the public with toilets, treatment facilities, training, jobs and open spaces.

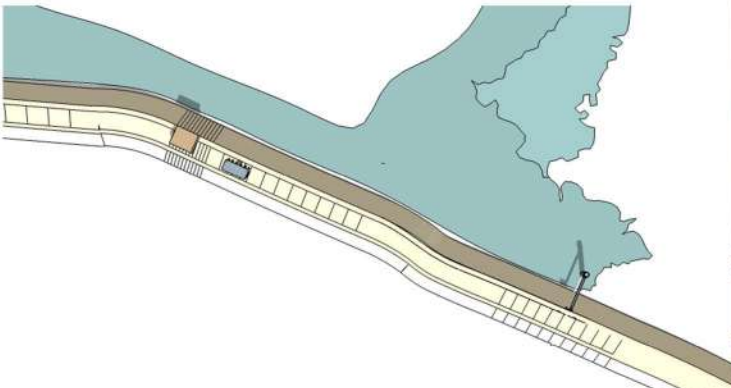




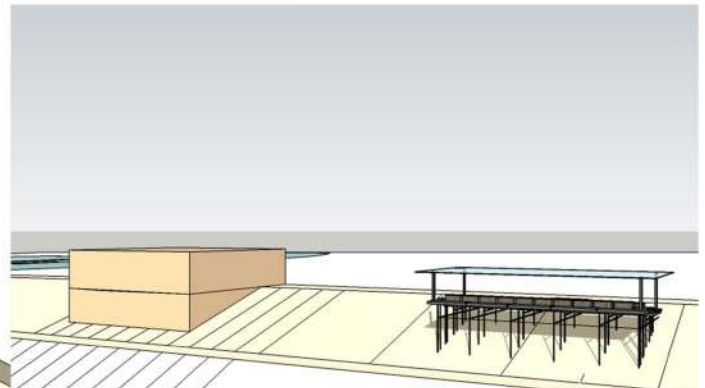
TEMPLE MARKET SPACE PUMP



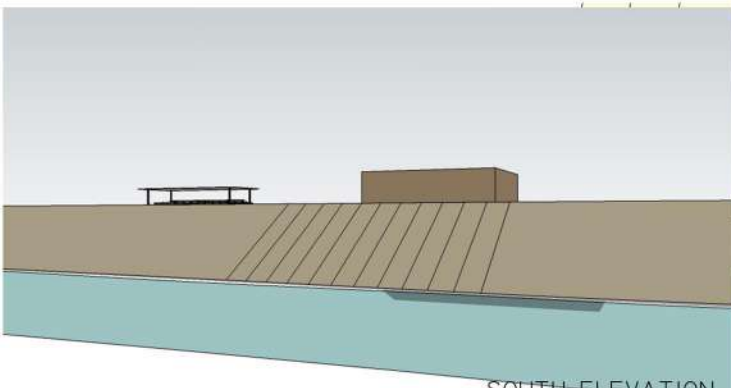
SITE PICTURES



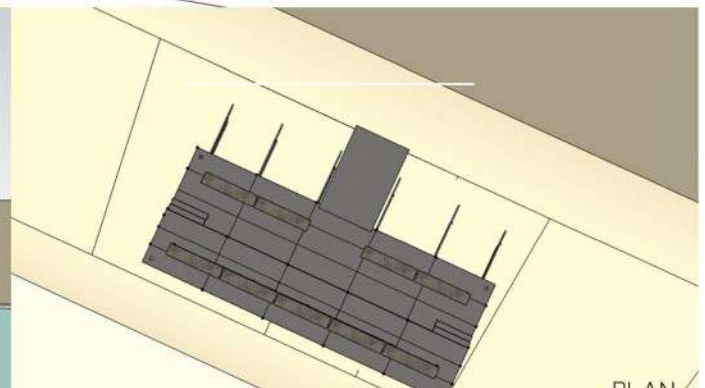
LOCATION MAP



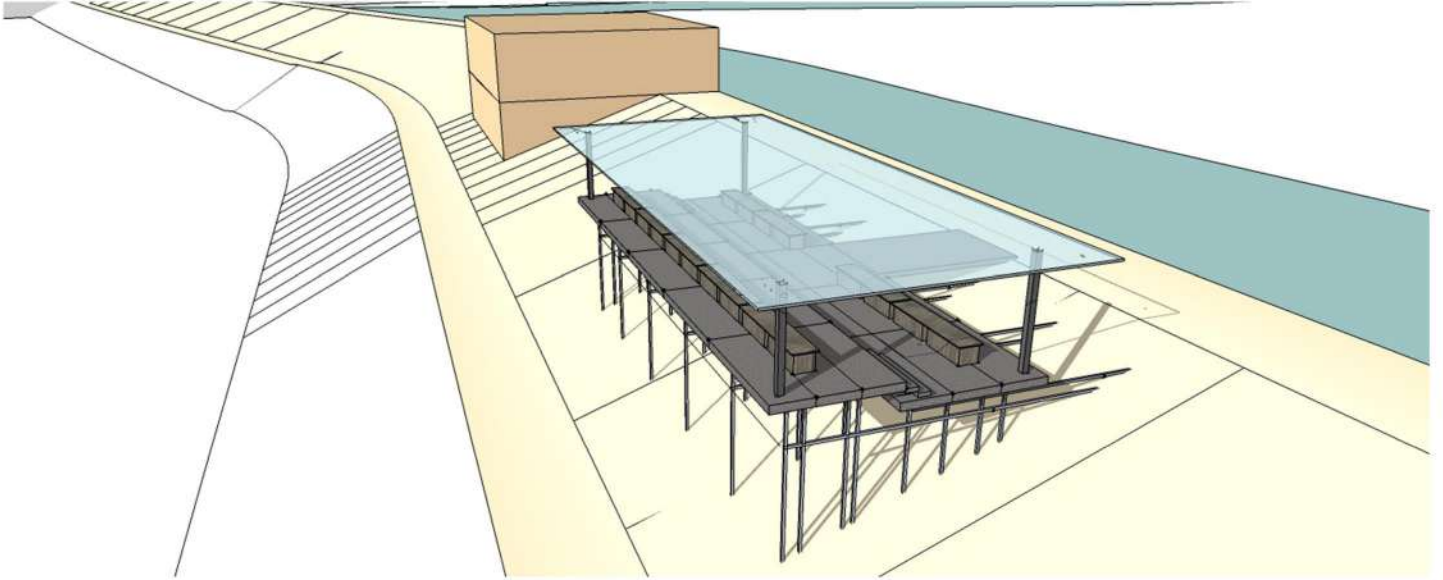
NORTH ELEVATION



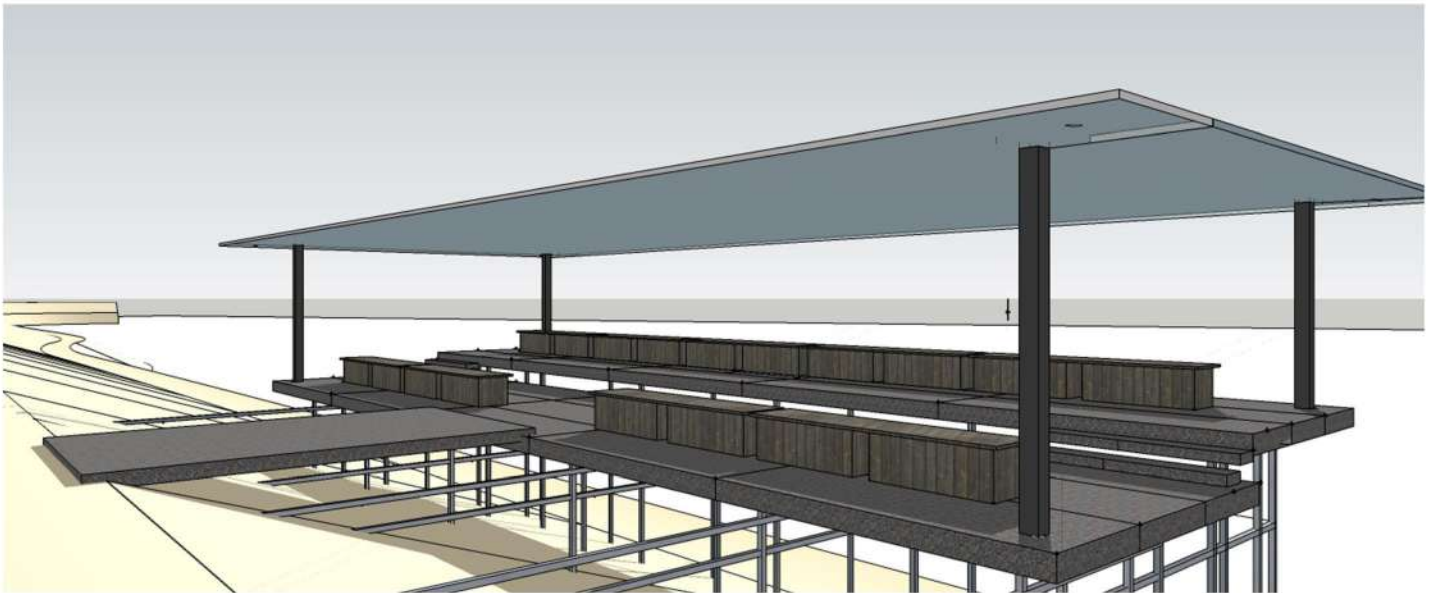
SOUTH ELEVATION



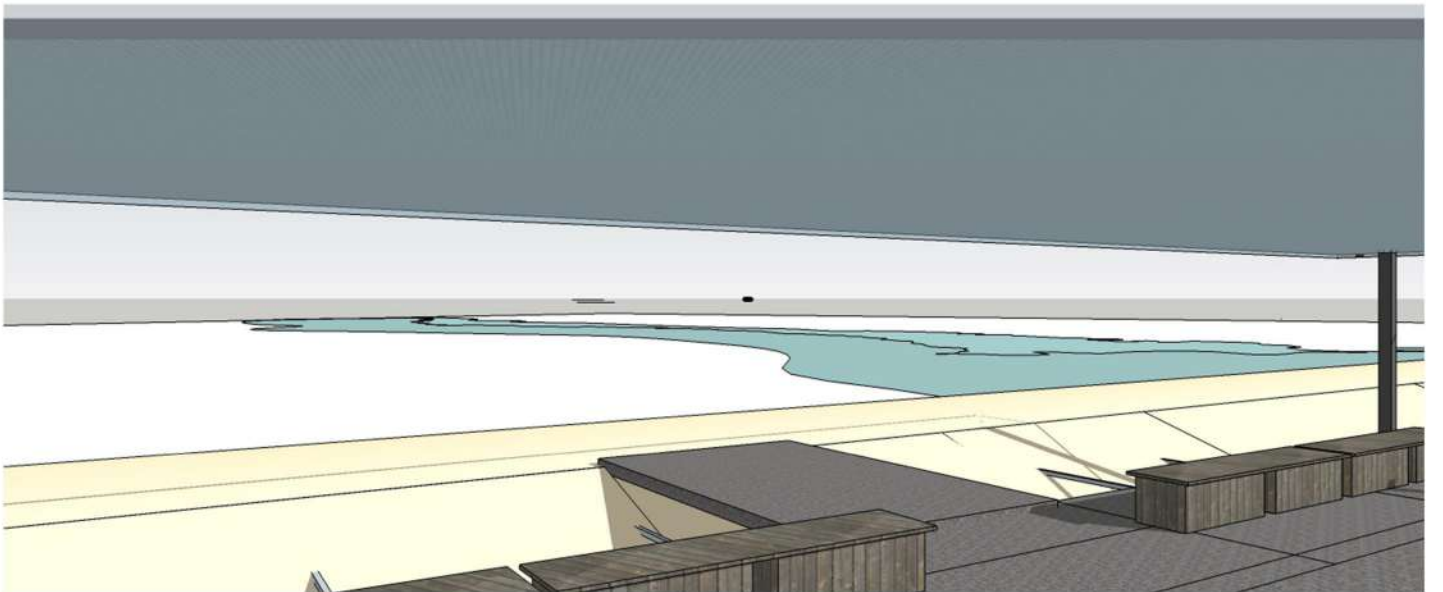
PLAN



ISOMETRIC VIEW



VIEW FROM THE BUND

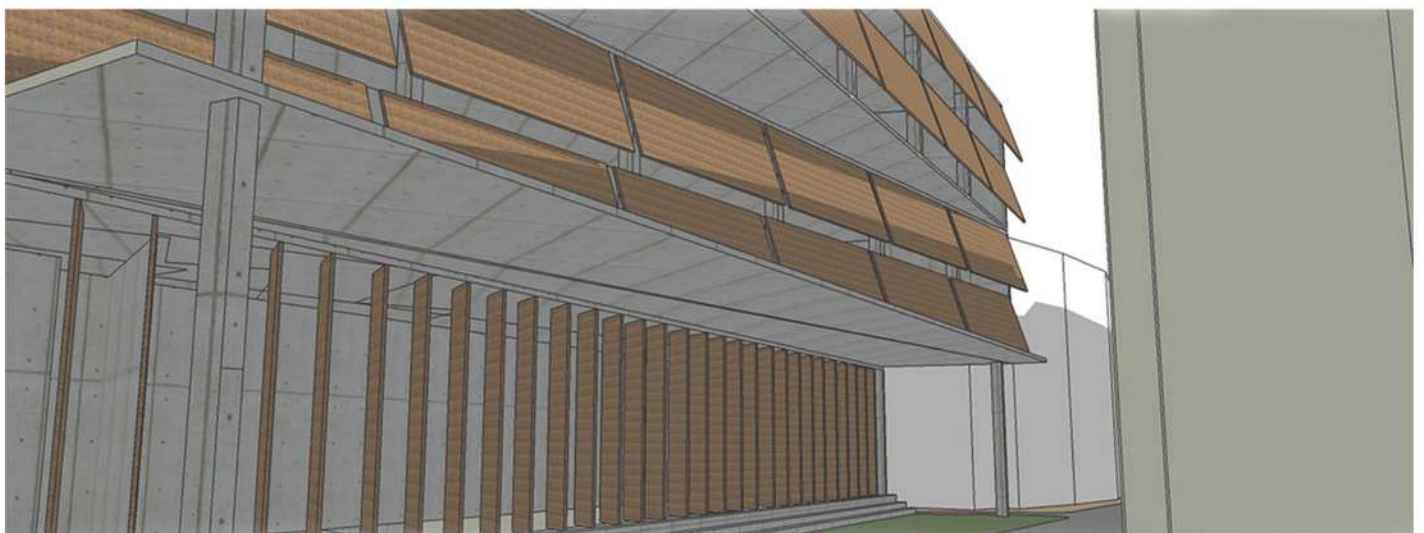


VIEW OF LAKE FROM WITHIN THE STRUCTURE





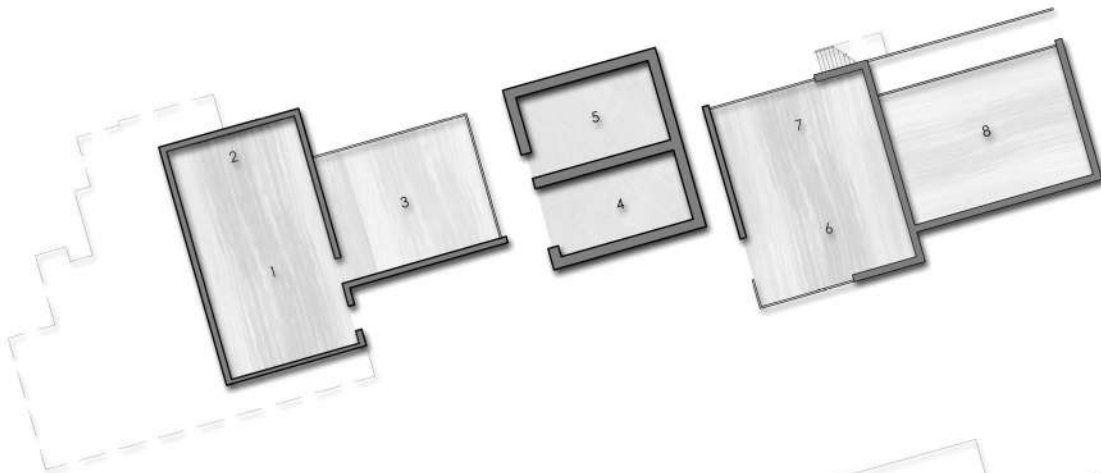
THE BUILDING CONNECTS TO THE CITY THROUGH ITS GREEN STREET EDGE THAT FACES THE SECONDARY ROAD. IT MAINTAINS A FACADE THAT CAN CONNECT TO PRIMARY STREET THROUGH ITS PIVOTED BAMBOO SCREENS WHICH ALSO HELP CONTROL AMOUNT OF SUNLIGHT AND HEAT GAIN.



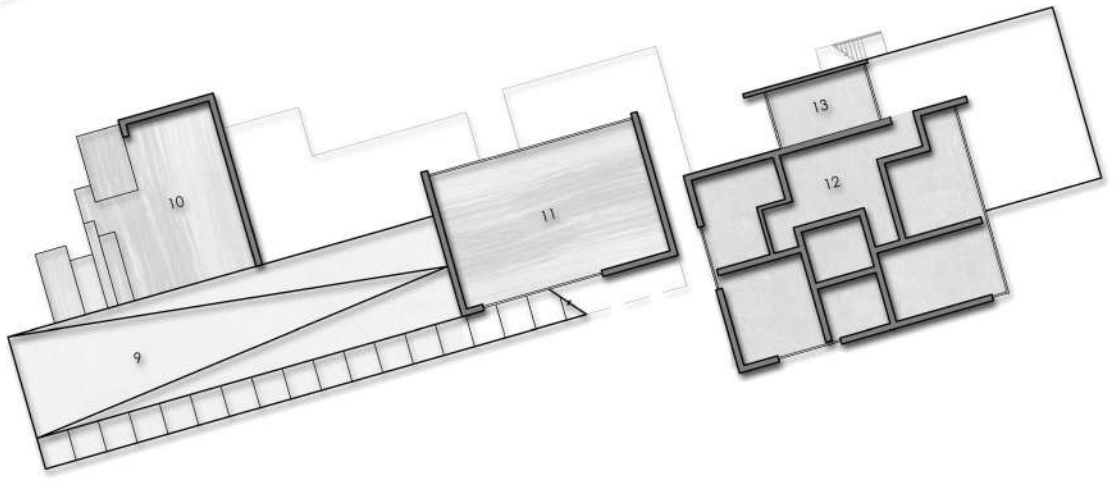
[ABOVE] VIEW AT EYE LEVEL FROM THE PRIMARY ROAD, [BELOW] QUALITY OF LIGHT IN INTERIOR SPACE



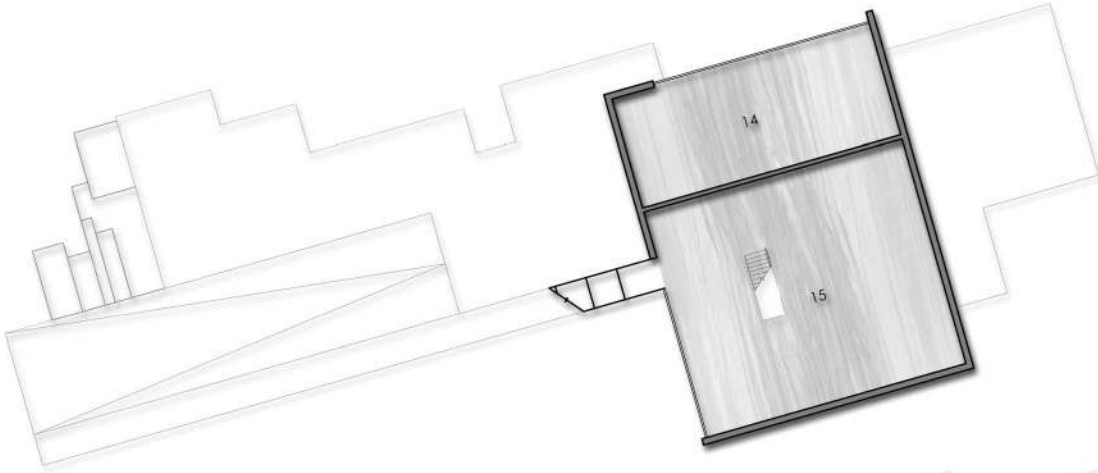




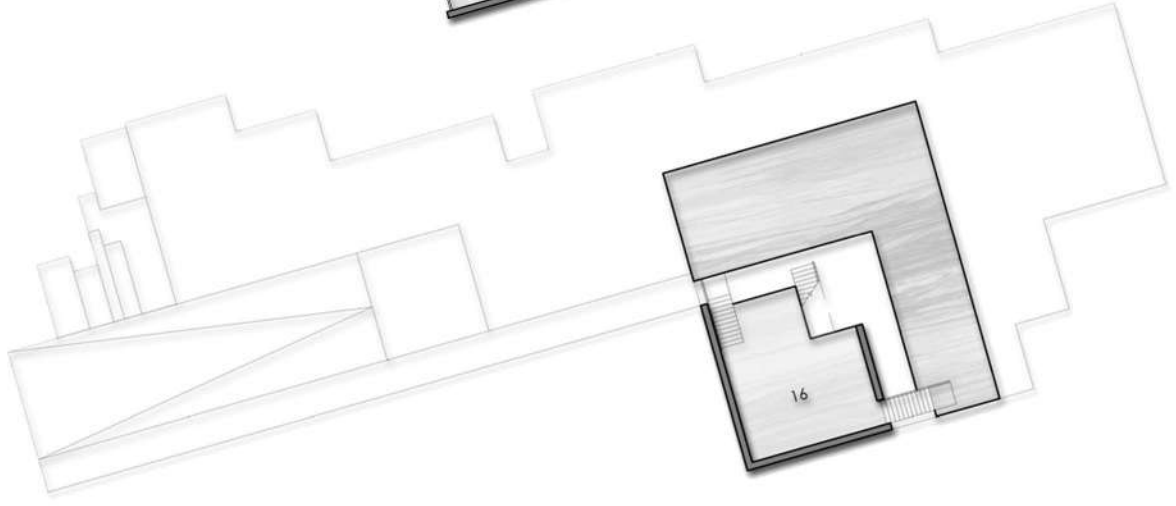
Ground Floor Plan



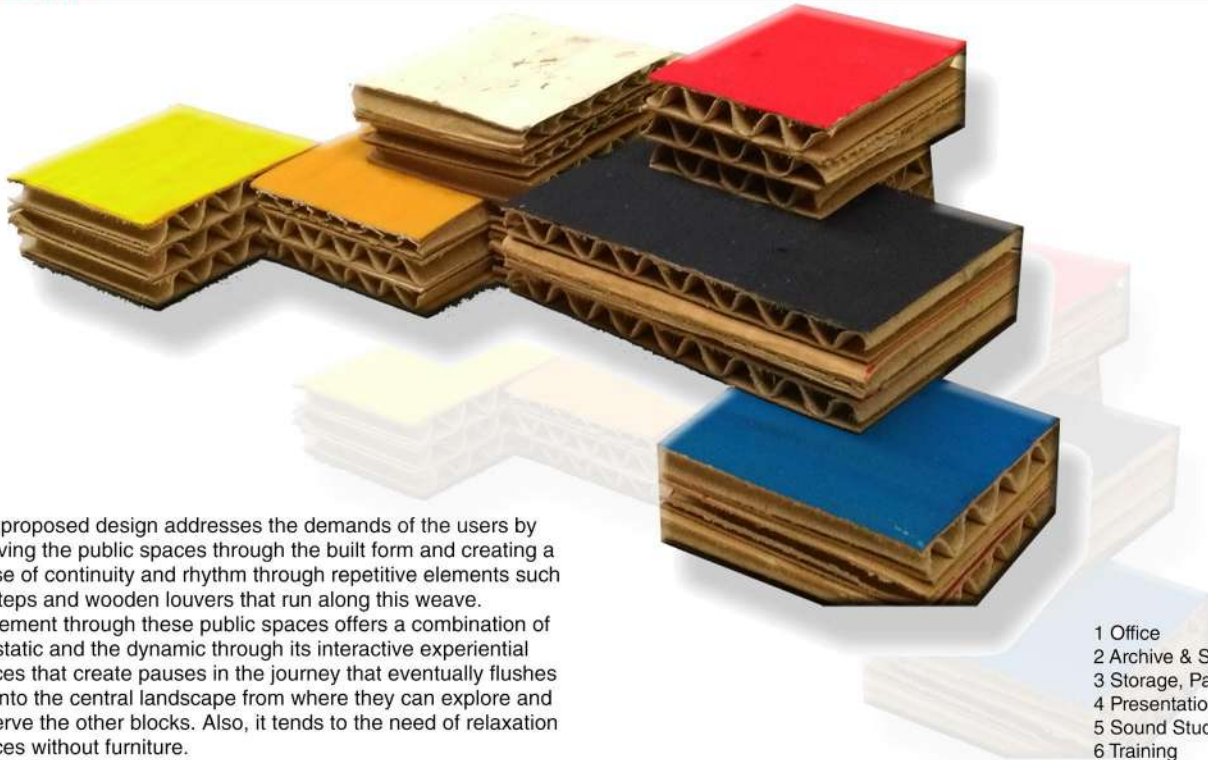
First Floor



Second Floor



Third Floor

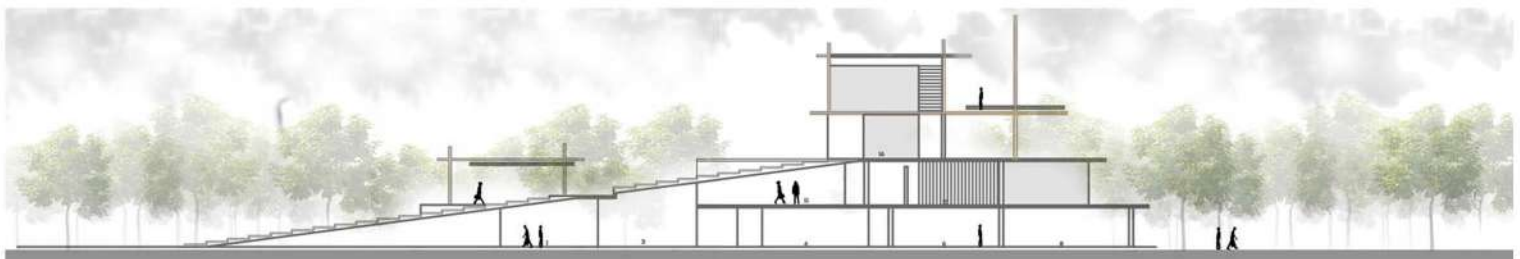
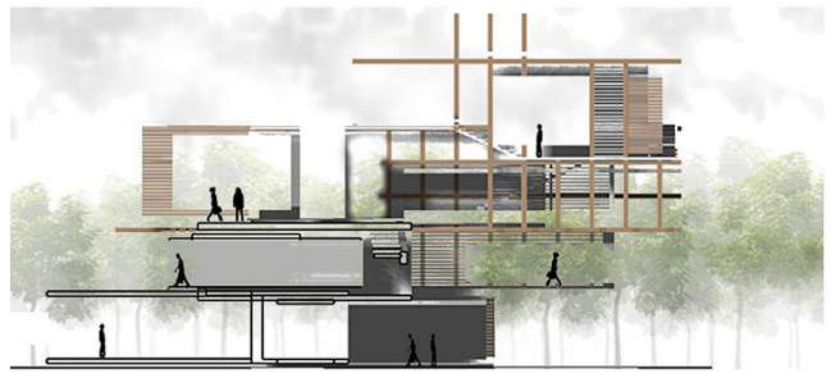


The proposed design addresses the demands of the users by weaving the public spaces through the built form and creating a sense of continuity and rhythm through repetitive elements such as steps and wooden louvers that run along this weave. Movement through these public spaces offers a combination of the static and the dynamic through its interactive experiential spaces that create pauses in the journey that eventually flushes out into the central landscape from where they can explore and observe the other blocks. Also, it tends to the need of relaxation spaces without furniture.

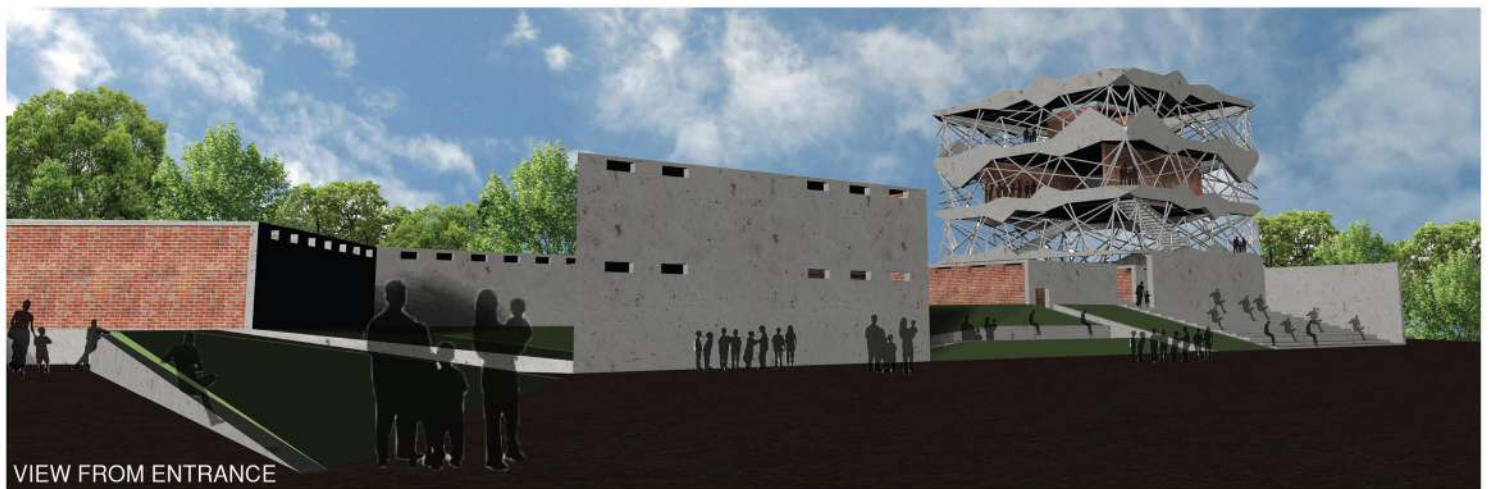
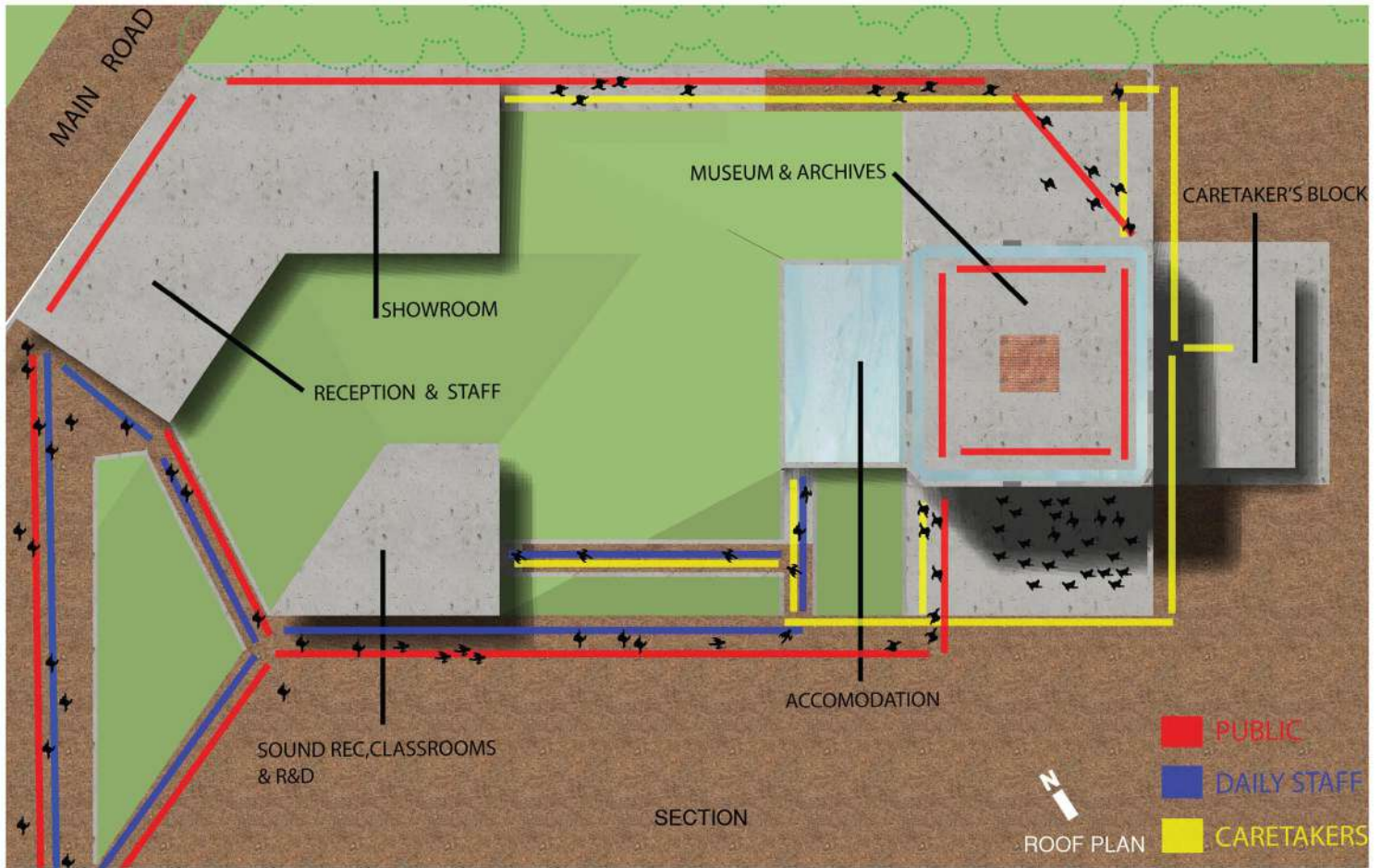
The form addresses the weather conditions by making buildings within buildings that are cocooned inside in order to reduce heat gain. The form as a whole, also, shades the busy central landscape, the flush point of the journey created by the weave of public spaces.

The semi-private and private activities are accessed from the central landscape created through the massing itself.

- 1 Office
- 2 Archive & Stock
- 3 Storage, Packing, Shipping
- 4 Presentation
- 5 Sound Studio
- 6 Training
- 7 Research & Development
- 8 Caretaker Accommodation
- 9 Entrance
- 10 Reception
- 11 Showroom
- 12 Intern Accommodation
- 13 Library
- 14 Museum Archive
- 15 Exhibition Space
- 16 Exploration & Discovery Space









SECTION THROUGH SOUND BLOCK



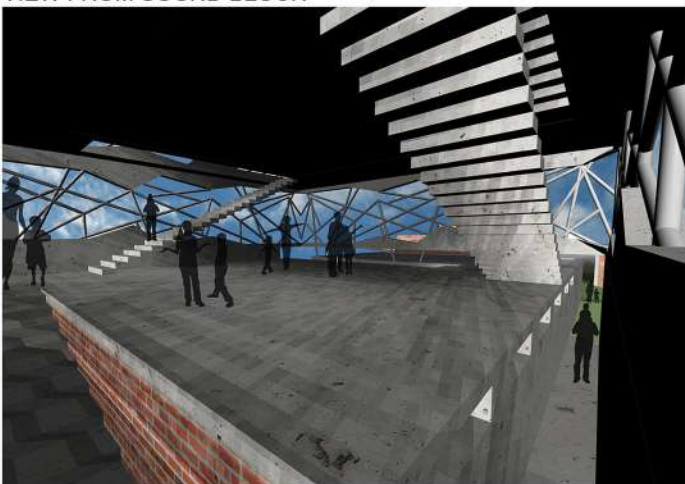
SECTION THROUGH SHOWROOM



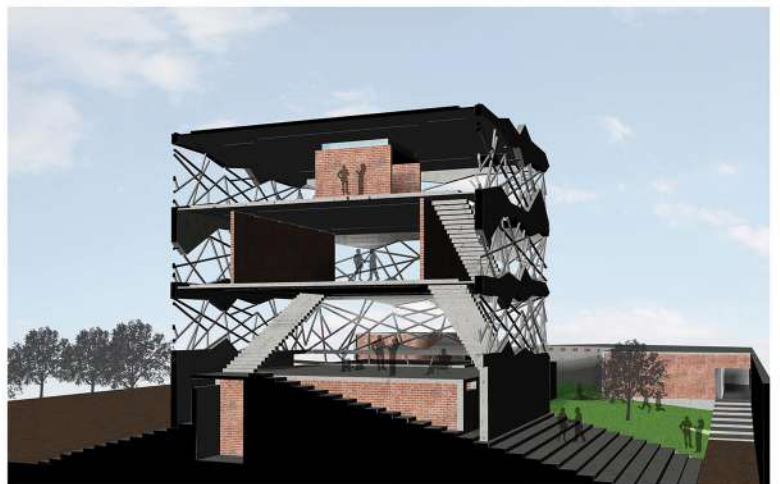
VIEW FROM SOUND BLOCK



SECTION THROUGH MUSEUM



VIEW OF MUSEUM FLOOR



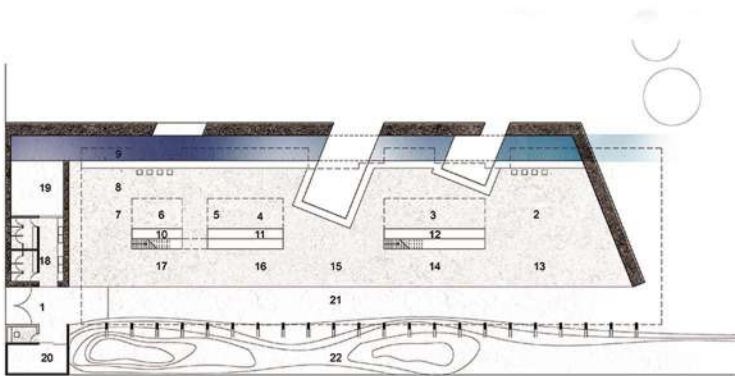
SECTION THROUGH MUSEUM SHOWING ENTRY THROUGH ADMIN



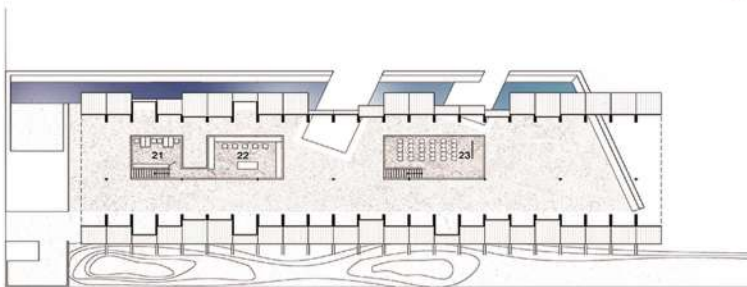
NORTH ELEVATION



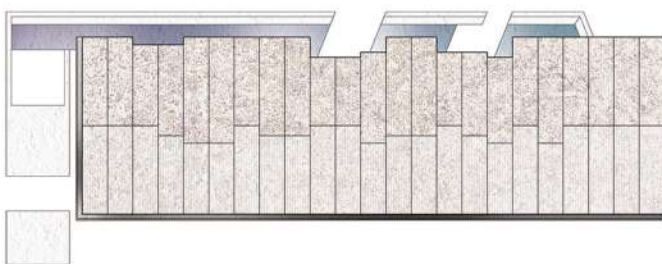
SOUTH ELEVATION



GROUND FLOOR PLAN



MEZZANINE FLOOR PLAN

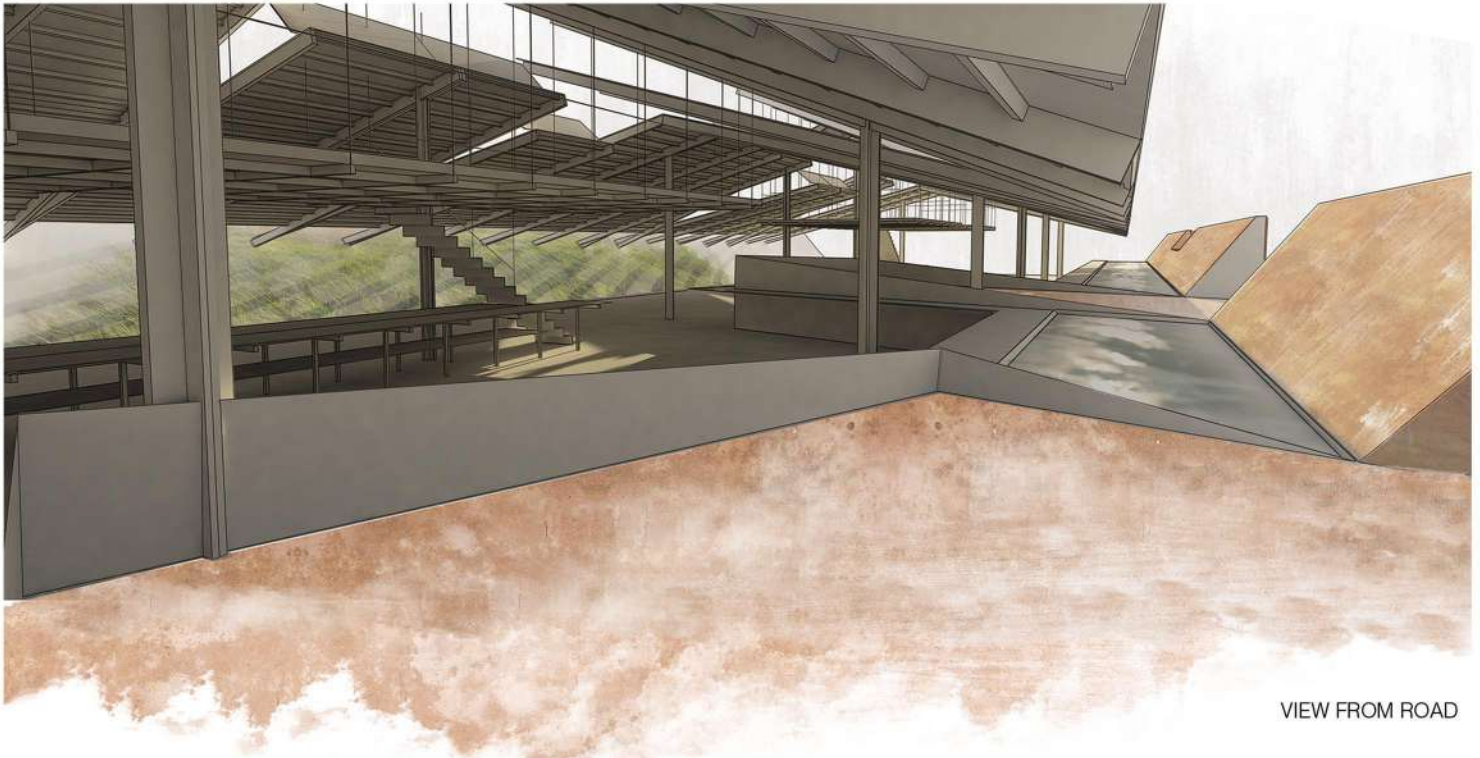


ROOF LAYOUT

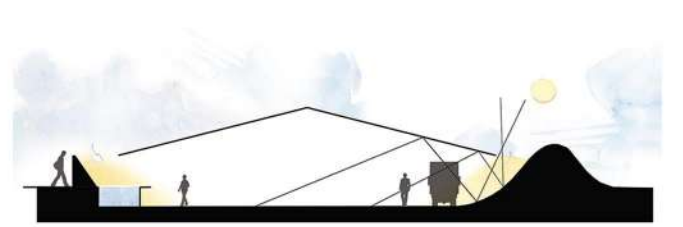
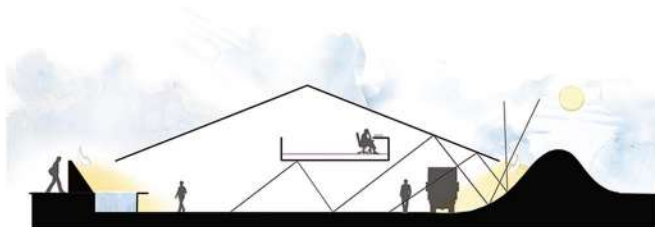
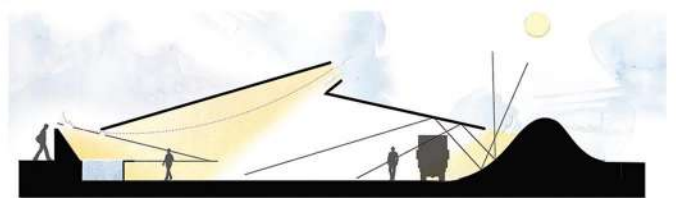
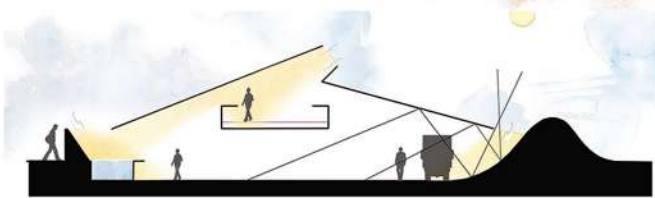


- |                    |   |
|--------------------|---|
| 1. ENTRANCE        | 14. PERCUSSION                              |
| 2. STRINGS         | 15. PAINTING                                |
| 3. FLUTES          | 16. POLISHING                               |
| 4. PLATE BELLS     | 17. INSTRUMENT STOCK/PACKAGING AND SHIPPING |
| 5. NEW WAVES       | 18. TOILETS                                 |
| 6. WIND CHIMES     | 19. WATER TREATMENT                         |
| 7. BARS            | 20. SERVICE YARD                            |
| 8. TUNING STATIONS | 21. SERVICE ROAD/CIRCULATION                |
| 9. WATER CHANNEL   | 22. GRASS MOUNDS                            |
| 10. METAL STOCK    | 23. ELECTRONICS                             |
| 11. RAW MATERIALS  | 24. RESEARCH AND DEVELOPMENT                |
| 12. WOOD STOCK     | 25. VOCATIONAL TRAINING                     |
| 13. CARPENTRY      |   |





VIEW FROM ROAD



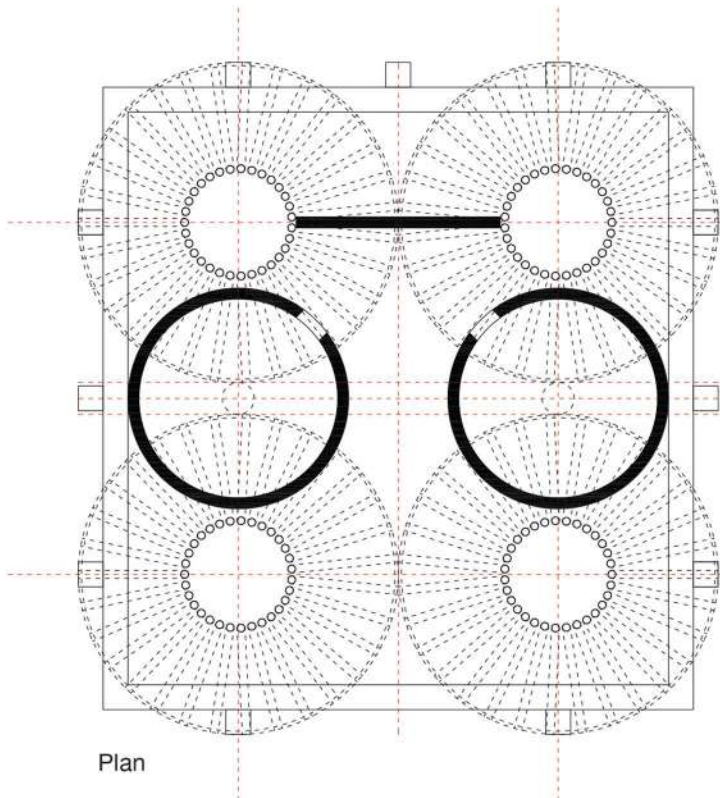
REFLECTED SOUND  
WIND DIRECTION  
WATER  
SUN LIGHT



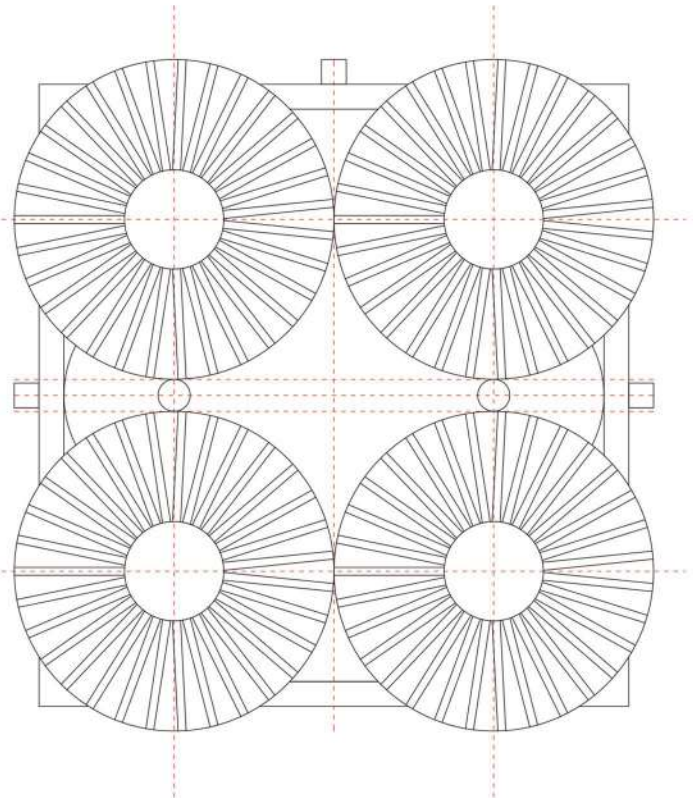


The sound healing center takes inspiration from musical proportions and the pythagorean geometries. The brick pods are created by the negative spaces of the bamboo funnel structures. This hidden geometry lends itself to the sound healing pods that are in the shape of a parabola or egg. The shape of the parabola allows for the best resonance. These take on a sculptural quality, along with fulfilling the functions of toilets, and debriefing areas.

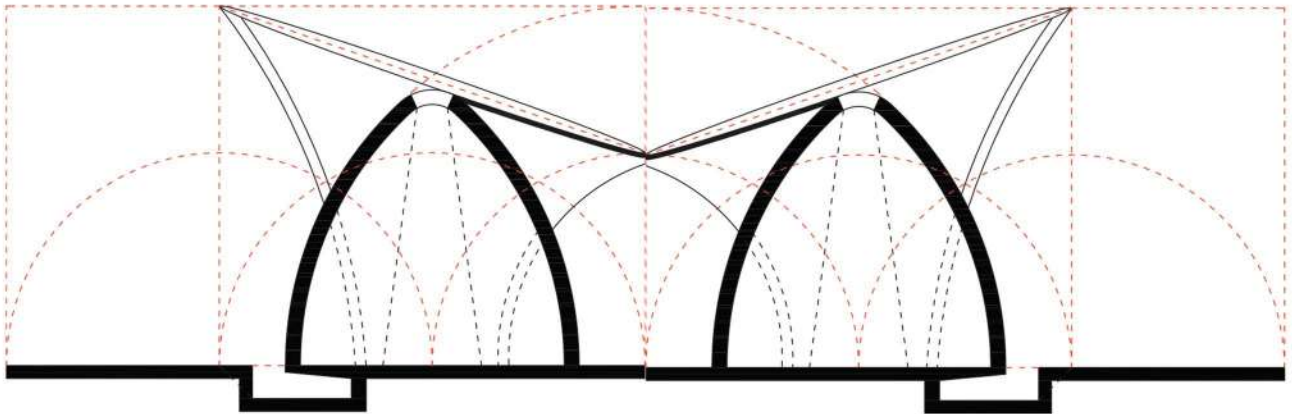
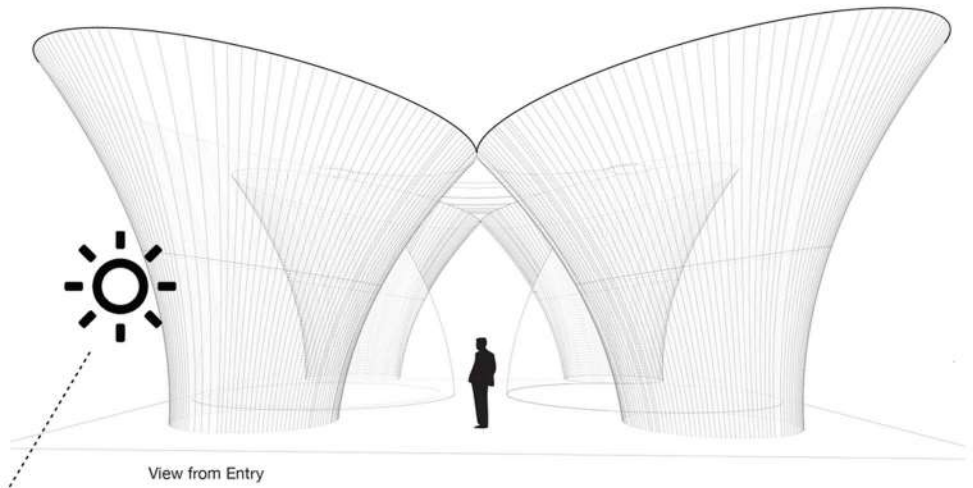
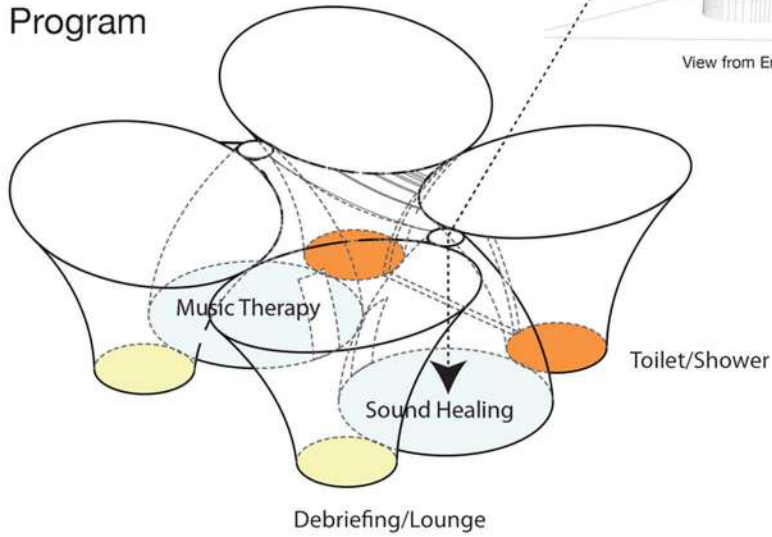
The amphitheatre sweeps across the landscape flanked by a wall that expands to accomodate the functions for the canteen, public toilets, and kitchen.



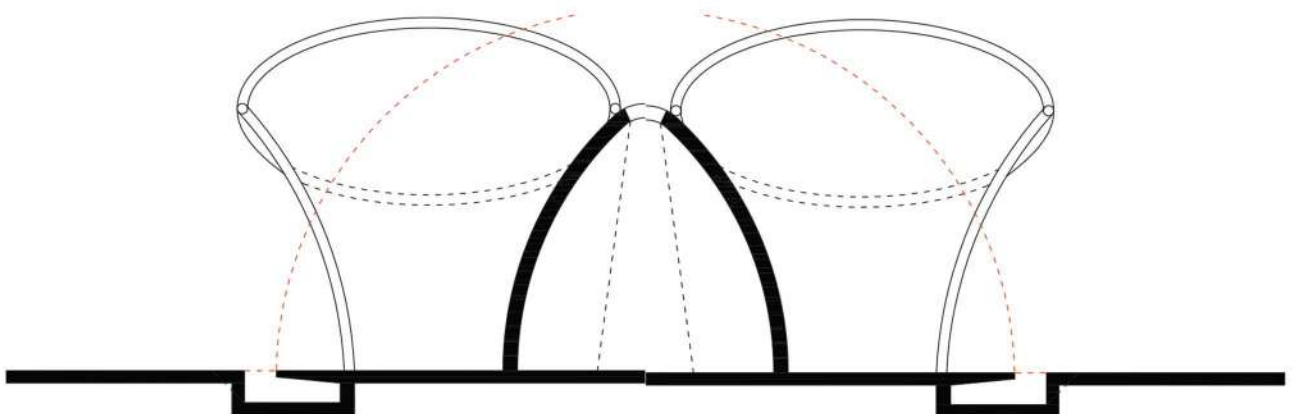
Plan

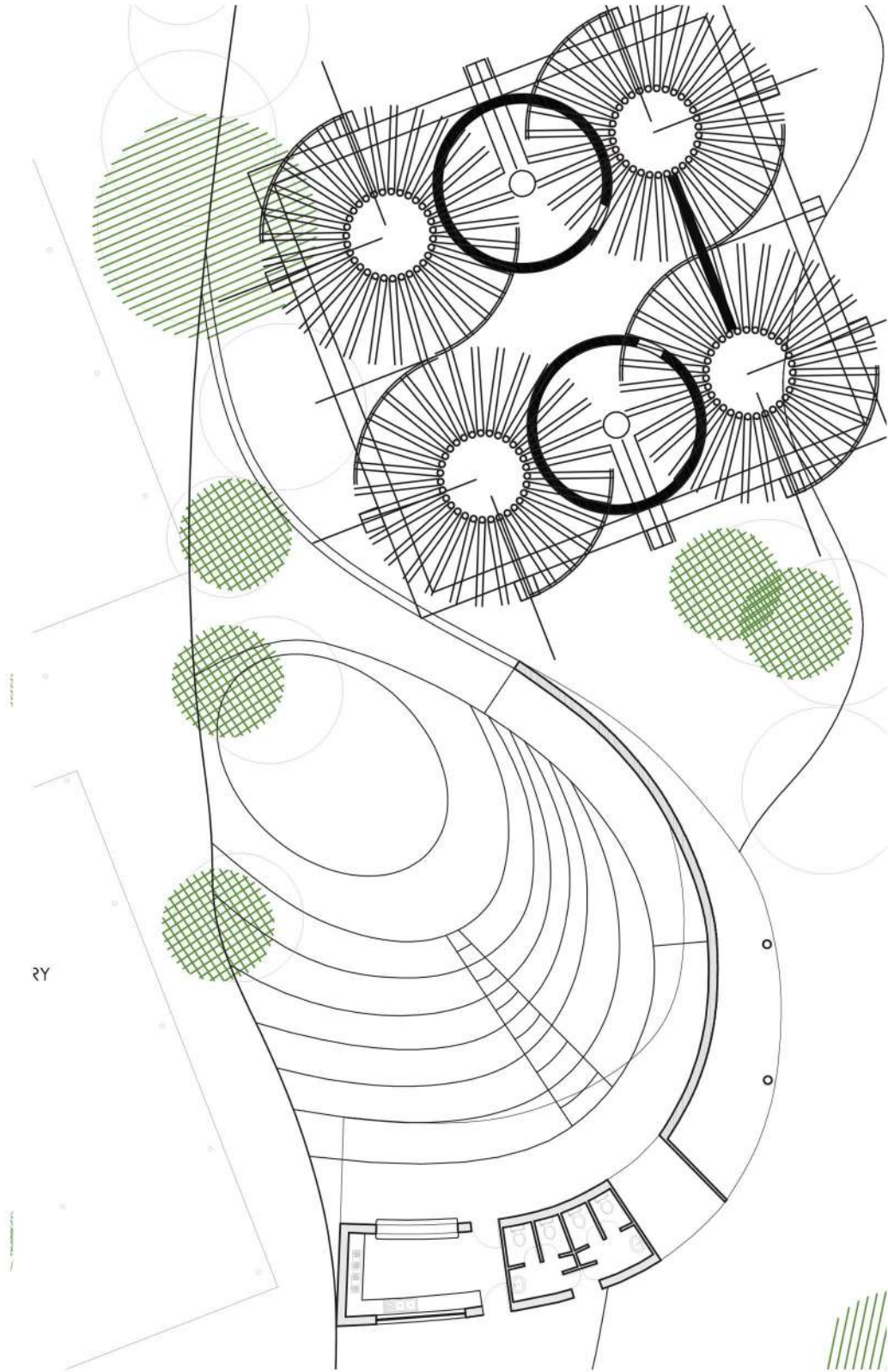


Program

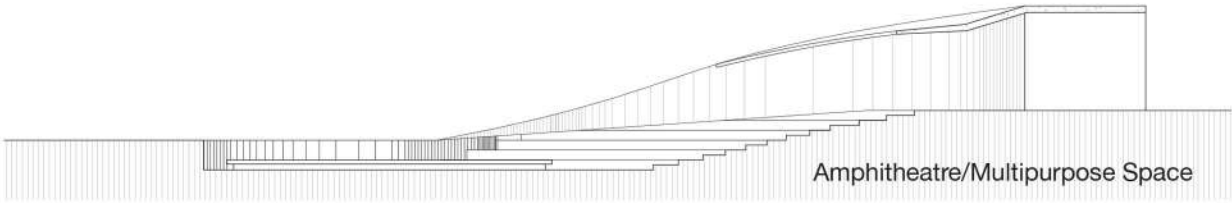


Sections



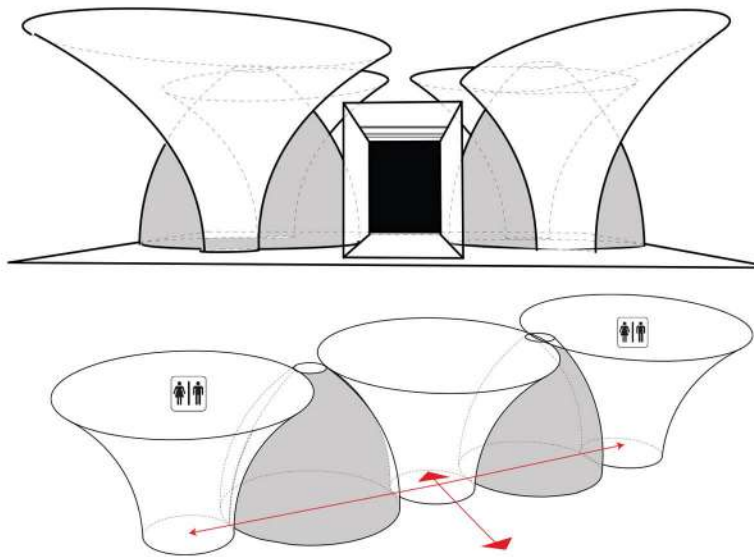


Ground Floor Plan



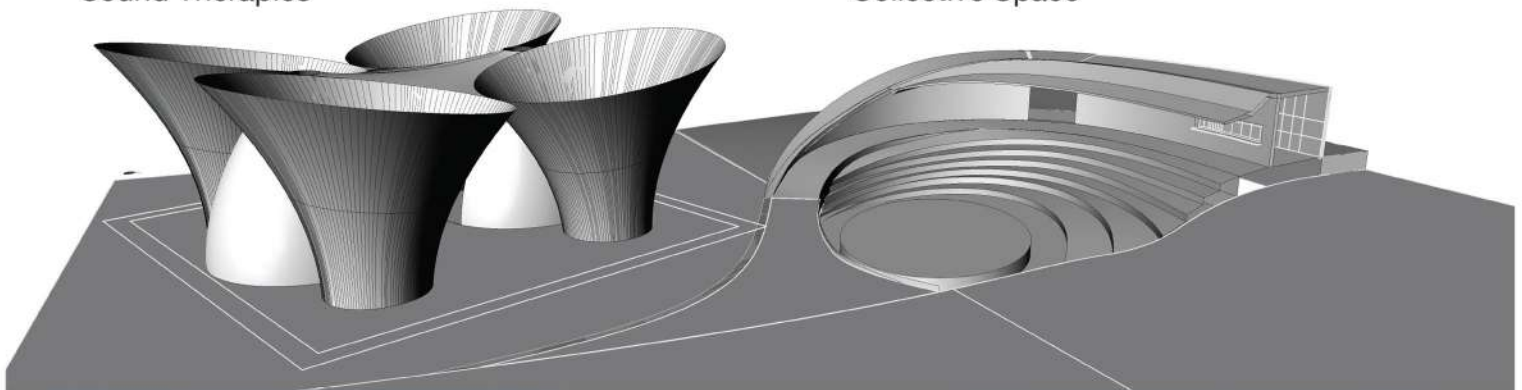
Amphitheatre/Multipurpose Space

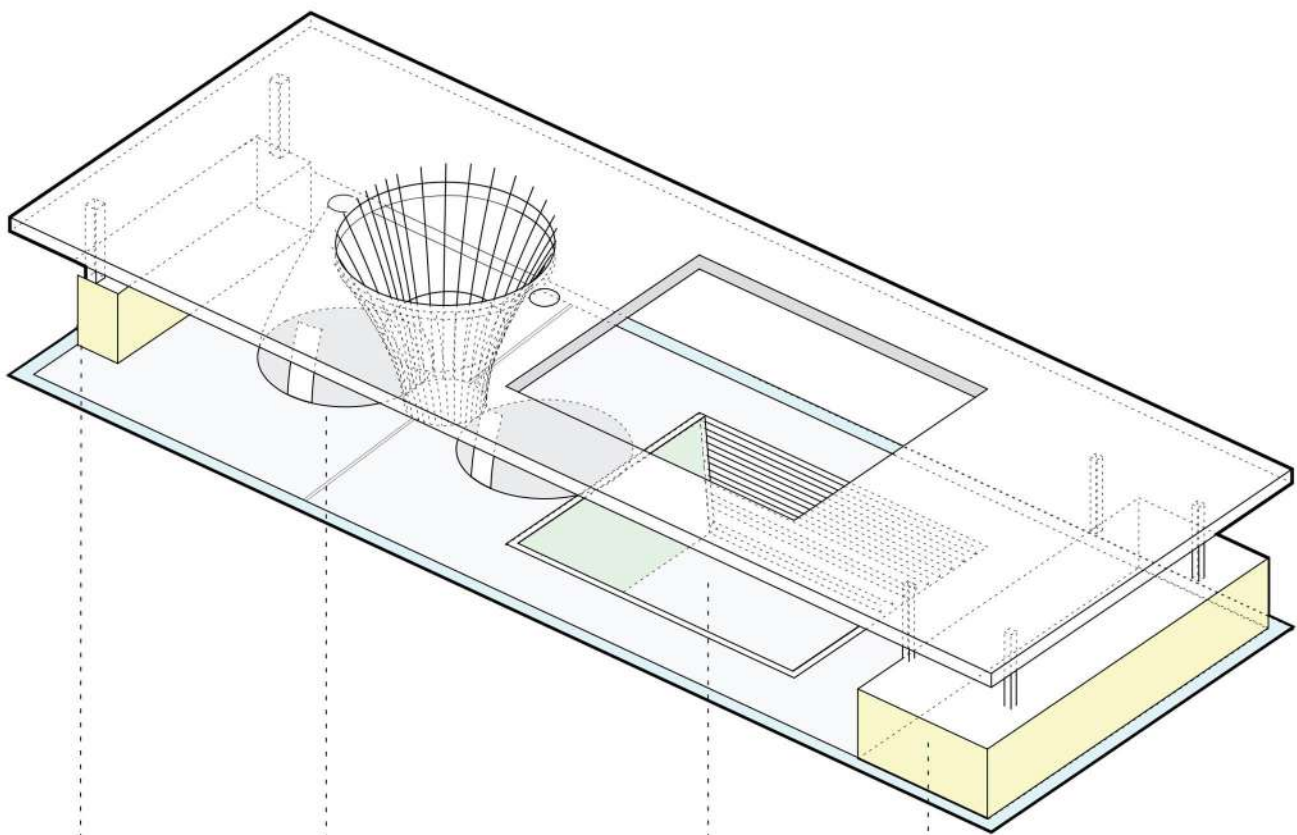
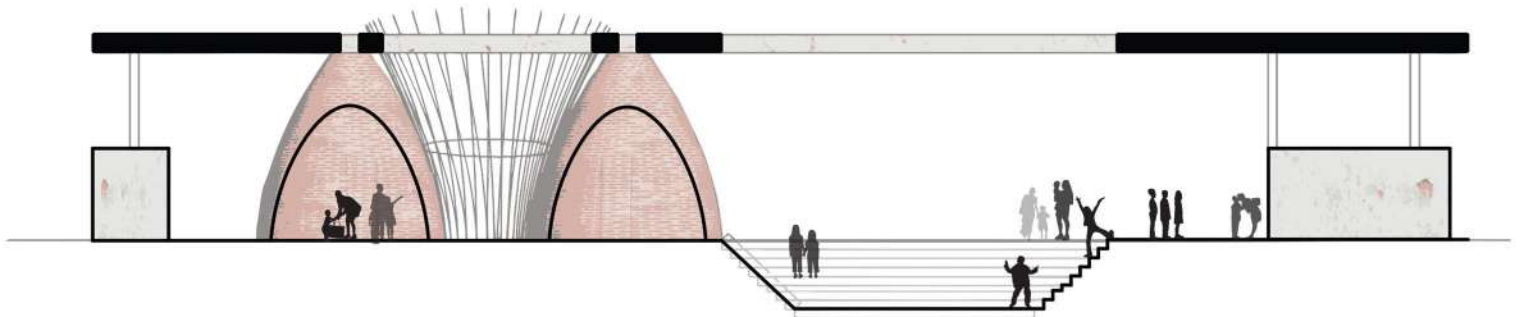
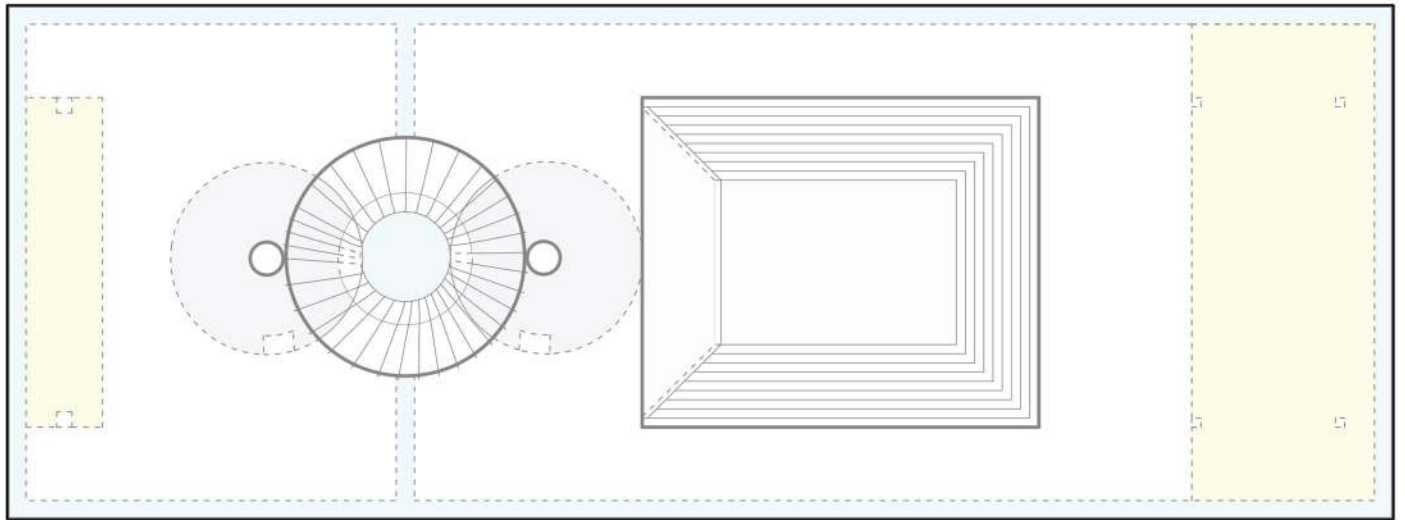
Form Explorations



Sound Therapies

Collective Space





Toilet Block

Healing Center

Common Gathering Space

Canteen





























































