

## Best Practice 1 - Heritage Documentation Cell

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# AAYOJAN SCHOOL OF ARCHITECTURE

(Affiliated with Rajasthan Technical University)

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## Documentation Cell- Aims & Objectives



# AAYOJAN SCHOOL OF ARCHITECTURE

(Affiliated with Rajasthan Technical University)

## DOCUMENTATION CELL

### Introduction

The documentation cell will oversee gathering and keeping track of product documentation, creating formats for it, ensuring its quality, and printing and publishing pertinent data.

### Objectives

1. To create a database of students and faculties, organised chronologically to improve teaching and learning.
2. To build a database that may be used for whichever exhibition the institution holds.
3. To keep track of self-plagiarism at the institutional level in academic environments.
4. To create an online resource which can be accessed remotely by the students and faculty of Aayojan.

### Roles & Responsibilities

1. *HOD- Centre of Excellence:* To mentor on how the data gathered can be transformed into a publishing resource.
2. *Documentation In-charge:* To receive the documentation work from subject coordinators and uploaded to the server by subject coordinators and final editing in consultation with the Technical Advisors for future reference.
3. *Associate Documentation In-charge :* To update the status and check the format of uploaded product documentation and report the same. To maintain stock register and tag and index of documented works.
4. HOD – Architecture, Design, Urban Design, to coordinate the following responsibilities
  - i. *Subject Coordinator / Teacher:* To select a student in-charge of documentation for their subject in consultation with class coordinator and update the name to the google sheet. To upload documentation work of his/her subject directly to the respective shared folder.
  - ii. *Student in-charge documentation:* Document the best work of three students/groups identified by the subject coordinator/teacher and share the same with student-in charge.

### Composition

The composition of the Documentation cell is as follows:

- |                                       |              |
|---------------------------------------|--------------|
| 1. HOD- ACE                           | Chairman     |
| 2. Documentation In-Charge            | Co-ordinator |
| 3. Associate Documentation In-charge. | Member       |
| 4. HOD B. Arch.                       | Member       |
| 5. HOD M. Urban Design                | Member       |
| 6. HOD B. Des.                        | Member       |



## **Expected Support** (*Academic/Administrative/Financial*)

1. Data server of relevant strength and capacity or it can be incorporated through ERP, to be located in an air conditioned room.
2. Yearly budget for printing, annual exhibition if proposed by Academic Co-ordinator.
3. Quality assessment of documentation works by Year Coordinators.

## **Communication Protocol:**

### **Incoming :**

1. **From Student :** To be addressed to the HOD-ACE and Copied to Documentation In-charge. Documentation In-charge have to seek necessary approval from HOD-ACE before taking action.
2. **From Faculty (Other Department / Office) :** To be addressed to the HOD-ACE and Copied to Documentation In-charge. Documentation In-charge may seek necessary approval from HOD-ACE before taking action.
3. **From Higher College Authorities :** To be addressed to the HOD-ACE
4. **From Outside Aayojan :** To be escalated to HOD- ACE on immediate basis.

### **Outgoing:**

1. **To Student** to be sent through respective HOD and Class Coordinators, approved and copied to HOD- ACE.
2. **To Faculty (Other Department / Office) :** to be sent through respective HOD and Class Coordinators, approved and copied to HOD- ACE, Dean, Principal.
3. **To Higher College Authorities :** To be sent through or with approval of HOD-ACE
4. **To Outside Aayojan :** To be sent through or with approval of HOD-ACE





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# AAYOJAN SCHOOL OF ARCHITECTURE

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## List of Documentation

## List of Documentation

Measure Drawing & Documentation, Aayojan School Of Architecture, Jaipur						
S.No.	Batch No.	Academic Year	Semester	Section	Concerned Faculty	Place of visit
1	24	2023-24	IV	A	Shubham Prajapati	Odhi Bhawan, Nahararh Jungles, Jaipur
				B	Akanksha Pal	Devyani Kund & Temples, Sambhar
2	23	2022-23	IV	A	Prashant Kumar	Shahpura, Jaipur
				B	Shubham Prajapati	Shahpura, Jaipur
3	22	2021-22	IV	A	Jaswant Singh	Sanagnar Study, Jaipur
				B&C	Pooja Agrawal	Hamuman singh ka Rasta, Walled City
4	21	2020-21	IV	A	Madhavi Sharma	1. Sahastra Bahu, Udaipur, Rajasthan
						2. Shiv Temple, Hathras, Uttar Pradesh
						3. Purana Rangji Mandir, Pushkar, Ajmer, Rajasthan
				B	Parul	1. Ksharbagh, Kota, Rajasthan
						2. Shahi Baori, Lucknow, Uttar Pradesh
						3. Menal temple, Bhilwara, Rajasthan
C	Pooja Agrawal	1. Moosi Maharani ki Chattri & Sagar Lake, Alwar, Rajasthan				
		2. Shiv Mandir, Eraga, Raniganj, West Bengal				
		3. City Palace, Full Documentation (Ph.I & II)				
5	20	2019-20	IV	A	Pooja Agrawal	City Placae: Administrative Block
				B	Naveen Sharma	City Palace: Mubarak Mahal
				C	Jaswant	City Palace: Pritam Niwas &

					Singh	Sarvatobhadra
6	19	2018-19	IV	A	Pooja Agrawal	Jain Temples, Walled city of Jaipur
				B	Jaspreet Singh	Momasar Village, Rajasthan
				C	Jaswant Singh	IIHMR, Jaipur
7	18	2017-18	IV	A	Pooja Agrawal	Jaigarh Phase II: Vijaygadi
				B	Radhika Gupta	Jaigarh Phase II: Cannon foundry
				C	Himani Kanojia	Jaigarh Phase II: Jaivana
8	17	2016-17	IV	A	Pooja Agrawal	Jaigarh Phase I: Water harvesting system Jaigarh
				B	Arjan Dev Singh	Jaigarh Phase I: Aram Bagh
				C	Parul	Jaigarh Phase I: Laxmi Vilas, Bharat Vilas, Kitchen & Dining
9	16	2015-16	IV	A	Pooja Agrawal	Jagat Shiromani Temple, Amber
				B	Parul	Elements of religious structures at Amber
				C	Radhika Gupta	Ambikeshwar & Rameshwar Temple, Amber
10	15	2014-15	III	A	Parul	Sawai Madhopur Town
				B	A.K. Mishra	Sisodia Rani ka Bagh, Jaipur
				C	K.P. Mishra	Albert Hall, Jaipur
11	14	2013-14	III	A	K.P. Mishra	City Palace
				B	Abhinav Chaturvedi	Mubarak Mahal, City Palace
				C	A.K. Mishra	Maharaniyon ki Chhatri
12	13	2012-13	III	A	Preethi Agrawal	Bhiraji ka temple
				B	Bhuvan Mitra	Hawa Mahal Sadak
13	12	2011-12	III	A	Bhuvan Mitra	Vidyadhar ka Bagh
				B	Preethi Agrawal	Badal Mahal, Talkatora
14	11	2010-11	III	A	Amrendra Mishra	
				B	Gopal Goyal	Garh Palace, Kota
15	10	2009-10	III	A	Archana S. Rathore	Hawa Mahal

				B	Gopal Goyal	Gatore Ki Chhatriyan
16	9	2008-09	III	A	Archana S. Rathore	Nahargarh (Madhvendra Palace)
				B & C	Suraj Jhanga	Abhaneri Kund
17	8	2007-08	III	A	Archana S. Rathore	Chood Singh Ki Haveli
				B	Suraj Jhanga	Getore Ki Chattari Jaipur
18	7	2006-07	IV	A	Suraj Jhanga	Sawai Mansingh Town Hall
				B	Preethi Agrawal	Bordia Haveli
19	6	2005-06	IV	A	Sumeet Rai	
				B	Archana S. Rathore	Chirana Village
20	5	2004-05	IV	A & B	Pooja Agrawal	Agra & Fatehpur Sikri
21	4	2003-04	IV	A		
				B		
22	3	2002-2003	IV	A	Rahul Singhal	Temples of Walled city, Jaipur
				B	Rajeev Kadam	Bhanddevra, Jaipur
23	2	2001-2002	IV	A	S.R.K.	Bhandrej Stepwell, Dausa
24	1	2000-2001	IV	A	M.N.Joglekar	Gadura village



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# AAYOJAN SCHOOL OF ARCHITECTURE

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## Water Workshop on Udaipur's Living Bodies- Living Heritage



SEDRAA'S



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Water Workshop  
on  
**Udaipur's Living Bodies- Living Heritage**

08<sup>th</sup> May 2024

Report prepared by : ANJ

Report approved by (IQAC) :

Endorsed by (DEAN) :

Venue : Aayojan School Of Architecture  
ISI-4, RIICO Institutional Block, Sitapura, Goner Road, Sitapura, Jaipur, Rajasthan 302022

## **Aim**

The aim of the architectural documentation workshop is to comprehensively document the architectural heritage and cultural significance of the area surrounding Pichola Lake and Gangaur Ghat. Through this documentation, the workshop seeks to facilitate understanding, appreciation, and preservation of the area's rich architectural and cultural heritage.

## **Criteria of selection**

The selection criteria for the workshop participants were based on their interest and expertise in architecture, cultural heritage, urban design, and community engagement. Participants were selected to ensure a diverse range of perspectives and skills necessary for conducting thorough documentation and analysis.

## **Methodology**

The methodology employed during the workshop involved a combination of on-site observations, interviews with residents and stakeholders, archival research, and documentation through sketches, photographs, and written notes. Group members divided tasks such as mapping, sketching, interviewing, and data analysis to efficiently cover all aspects of the area.

## **Schedule:**

The workshop was conducted over a period of ten days, with each day dedicated to specific activities and objectives:

- Day 1: 24<sup>th</sup> Feb, Orientation and Introduction to the Area  
Familiarization with the area surrounding Pichola Lake and Gangaur Ghat, Introduction to the workshop objectives, methodology, and schedule.
- Day 2-3: On-site Documentation and Observations  
Conducting on-site observations of architectural features, cultural practices, and social dynamics & Documentation through sketches, photographs, and written notes.
- Day 4-6: Interviews and Data Collection  
Interviewing residents, artisans, and stakeholders to gather insights into the area's history, significance, and challenges, Collection of additional data through archival research and secondary sources.
- Day 7-8: Analysis and Preparation for Exhibition  
Analysis of the collected data to identify key findings, themes, and recommendations.  
Preparation of exhibition materials, including original drawings, individual notes, and group booklets.
- Exhibition 9,10 (3<sup>rd</sup> March): The exhibition of the workshop's findings and documentation is scheduled for March 3, 2024, at Bagore ki Haveli (Museum), where participants will present their work to the public and stakeholders.

## **Schedule for Architectural Workshop:**

**24th Feb 2024 (Sat) 9:30am**, Opening & Presentation by Anubhuti Jain at Sahelionki Baari of Fateh Sagar (BVCOA+ASA)

**25th Feb 2024 (Sun) 10:00am**, Architectural Archiving workshop 1: Heritage walks in Rajput (BVCOA+ASA) **26th Feb 2024 (Mon) 9:00am**, Architectural Archiving workshop 2: Drawing 1 (BVCOA+ASA+Rockwoods school)

**27th Feb 2024 (Tue) 9:00am**, Architectural Archiving workshop 3: Drawing 2 (BVCOA+ASA+Rockwoods school)

**28th Feb 2024 (Wed) 9:00am**, Architectural Archiving workshop 4: Drawing 3 (BVCOA+ASA+Rockwoods school)

**29th Feb 2024 (Thu) 9:00am**, Architectural Archiving workshop 5: Drawing 4 (BVCOA+ASA+Rockwoods school)

**1st Mar 2024 (Fri) 9:00am**, Architectural Archiving workshop 6: Booklet (BVCOA+ASA) 9:30am,

\*\*Wildflower & book workshops by Youngshin Yun, Seunghee Lee at the Rockwoods school

**2nd Mar 2024 (Sat)** Preparing the Exhibition

**3rd Mar 2024 (Sun)** Exhibition at Bagore ki Haveli Museum, opening at the evening (to confirm)

**4th Mar 2024 (Mon)** Presentation at Alliance Française \*BVCOA = Bharati Vidyapeeth College of Architecture \*ASA= Aayojan School of Architecture

\*\* to confirm (with Ms.Anjala Sharma, principal of Rockwoods school)

# DOCUMENTING TRADITIONAL WATER SYSTEMS OF UDAIPUR 2024

(Through Comics, Film and Documentation)

## VENUE FOR ARCHITECTURE WORKSHOP: BAGORE KI HAVELI

TIME- 10AM - 5PM DATE: 3-5 MARCH

## VENUE FOR FILM SCREENING: ROOFTOP OF MADRI KI HAVELI

TIME- 6PM DATE: 3-5 MARCH

In association with



Local support



Udaipur's water bodies-Living heritage



Film- Never Ending



Comic- Paani Ki Kahani

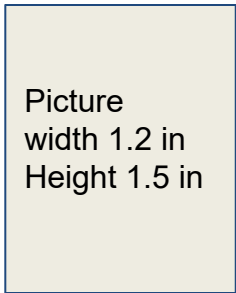


Wildflower workshop



Bookworks workshop

**Resource Person/ Expert/ Keynote Speaker**



Name (Arial 08)

Workshop	Resource Persons	
Architectural Documentation	Dr. Tei Young Soon Choi, Ar. Anubhuti Jain	BVCOA, ASA, Rockwoods school
Visual Documentation	Ms. Marylene Negro, Ar. Celia Lebarbey & Ar. Anshul Rai	BVCOA, ASA, Rockwoods school
Illustrations	Ar. Anuj Kale, Ar. Shreya Khandekar	BVCOA, ASA, Rockwoods school
Content Writing	Ar. Nisha Nair Gupta	BVCOA, ASA, Rockwoods school
Wildflower, Bookworks	Youngshin Yun, Seunghee Lee	Rockwoods school

**Dr. Tei-youngsoon Choi, Republic of Korea**, cultural heritage researcher, kerkerfield foundation, homepage: [www.kerkerfield.com](http://www.kerkerfield.com) email: [kerkerfield@gmail.com](mailto:kerkerfield@gmail.com) +82 10 5187 7079 kerkerfield participates in a workshop in which Korea, India, and France gather to observe, record, and propose ideas for improvement while staying at the site of an old city. I hope that it will be reborn as a residential environment that finds value as a cultural heritage of the community, such as improvement and recycling of buildings and public spaces and improves the quality of life of residents. We meet various cultures, communities, and people we meet in the field, make interviews and documentary materials, and then propose ideas that can be applied. We will get a chance to be happy together only when we carefully look at our surroundings and reach the point where our mind works to solve problems and worry together where healing and comfort are needed.

**Youngshin Yun, Republic of Korea, wildflower expert / @moksin\_forest / ywbirch@hanmail.net** Korea. We are recording, working, and sharing native plants in Haenam, the tip of the Korean peninsula. The nature of the region (plants, minerals, soil...) is the foundation of the region's culture and art and the source of individual life. (Natural) Plants are other plant inhabitants and have a deep, mutually beneficial symbiotic relationship with humans. In a rapidly changing modern society, the loss of these values poses a great risk not only to nature but also to human civilization. Therefore, through my activities, I believe that it is my joy and contribution to society to discover the existence of plants, reaffirm their value, and help people live by connecting the gifts of nature in their lives.

**Seunghee Lee, Republic of Korea, Book artist / @book\_works\_book\_show / 200441031@naver.com** I belong to Book Studio. The studio stores materials used to make books in analog form and operates exhibitions and educational programs based on them. Through this, we are spreading the culture of making books. This time, I would like to convey the Korean book culture that I know to India and examine the book and record culture of Udaipur.



## **Students Attendance**

Participants 19 students from Bharati Vidyapeeth College of Architecture (BVCOA, Navi Mumbai), 12 students from Aayojan school of architecture (Jaipur) + Rockwoods students with (India). Prof. Ritu Deshmukh (CREADHLE), Prof. Anshul Rai (Bharati Vidyapeeth College of Architecture), Ar. Anubhuti Jain (Aayojan School of Architecture in Jaipur), Anuj Kale (Leewardists), Shreya Khandekar (Leewardists), Neeraj (Leewardists), Nisha Nair Gupta (Architect, writer, founder PPP), Anjala (Rockwoods school)

### **CARTOONING**

1. Drashti
2. Lakshita pujari

### **MEASURED DRAWING**

1. Divyansh
2. Heena chug
3. Lohar lalit
4. Krishna Goswami

### **CONTENT WRITING**

1. Daksh
2. Hrishik malviya

### **PHOTOGRAPHY**

1. Jayraj Singh Chouhan
2. Harshita

## Geo Tagged Pictures



Students working



Practical Demonstrations and Lecture Session



Students Working



Exhibition of Water Workshop

## **Faculty Incharge**

Ar. Anubhuti Jain, Heritage Conservationist, Architect, Researcher, Photographer, Educator: Aayojan School of Architecture, Jaipur email: [anubhutijain.jain@gmail.com](mailto:anubhutijain.jain@gmail.com) +919079339095

As a Heritage Conservation Architect, I've crafted a diverse portfolio. My expertise spans across hospitality, public spaces, streetscapes, and forest corridors, embracing the beauty of varied landscapes. These experiences have nurtured my unique perspective on the purpose and essence of architecture, which I passionately share through teaching. My interests include water heritage, urban conservation, cultural landscapes, adaptive reuse, and bird watching.



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# AAYOJAN SCHOOL OF ARCHITECTURE

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## COA NIASA Heritage Awards for Excellence- 2022

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## COA NIASA & Heritage Awards for Excellence Awards 2022

11<sup>th</sup> April 2022



Venue : Aayojan School Of Architecture  
ISI-4, RIICO Institutional Block, Sitapura, Goner Road, Sitapura, Jaipur, Rajasthan 302022



**Aim**

NIASA & Heritage Awards for Excellence Awards 2022 instituted by the Council of Architecture aims to invite student participation and encourages interest and talent of students towards architecture and appreciates their positive contribution.

**Criteria of selection**

Students' Awards for Excellence in Documentation of Architectural Heritage 2022:

1. The Council of Architecture (COA), has decided to institute award for excellence in documentation of architectural heritage in India. The COA Heritage Award has been instituted with an objective to encourage interest and talent of students for understanding, documentation of heritage buildings and to develop and promote sensitivity and awareness towards India's architectural heritage amongst students of architecture across the country.

National Awards for Excellence in Architectural Thesis 2022:

1. With a view to encourage and motivate the students of Graduate Courses in Architecture, the college invites students to participate for National Awards for Excellence in Architectural Thesis instituted by the COA, submitted in compliance to the requirements of the bachelor's degree program.
2. The National Awards for Excellence in Architectural Thesis is an initiative to show appreciation and recognition for positive contribution to academia and profession.

**Schedule:**

National Final Jury was scheduled on Friday 31<sup>st</sup> March, 2023 from 10 am onwards at School of Architecture and Planning, Woxen University, Hyderabad, Telangana. The local coordinators are Prof. Rajdeep Routh (9898390175) & Ar. Debalina Ghosh (7980381774)

Time	Details
30 <sup>th</sup> March 2023, 12pm – 3.30 pm	Presentation Submission and Paneling, School of Architecture and Planning, Woxen University, Hyderabad
31 <sup>st</sup> March 2023, 10 am onwards	National Final Jury, School of Architecture and Planning, Woxen University, Hyderabad



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# AAYOJAN SCHOOL OF ARCHITECTURE

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## Excellence in Architectural Thesis- 2022 & JK AYA Best Architectural Student Award 2022 under National Jury

## Brochure/Poster

Zone 01

Jury of the COA Awards for **Excellence in Architectural Thesis 2022 & JK AYA Best Architecture Student of The Year Award 2022** was held on WebEx Platform on 27th February 2023.

Out of 80 entries in total, 3 of the entries from our college were shortlisted among the top 5 in respective categories in the zone.

The shortlisted entries are as follows: -

In the category: Architectural Project.

1. Humanizing High-rise, Bangalore By Sahil Varshney

In the category: Project addressing concerns within the society.

1. Historical Society of Goa By Arushi Bhargava
2. Folk Music Experience & Learning Centre, Amritsar By Simran Kaur

# Aayojan School of Architecture

JAIPUR

## Congratulates

the students for their achievement

Shortlisted in North Zone among the Top-5 in different categories

### HISTORICAL SOCIETY OF GOA, OLD GOA

**INTRODUCTION**  
The historical society of Goa, Old Goa, is a project that aims to preserve the historical and cultural heritage of Goa. The project is a multi-story building that will house the historical society's library, museum, and other facilities. The building is designed to be a blend of traditional and modern architecture, reflecting the rich history and culture of Goa.

**PROGRAM DIVISION**

**ZONING**



### HUMANIZING HIGH-RISE

**INTRODUCTION**  
The Humanizing High-Rise project is a multi-story building that aims to provide a high-quality living environment for its residents. The project is designed to be a blend of traditional and modern architecture, reflecting the rich history and culture of Bangalore. The building is designed to be a blend of traditional and modern architecture, reflecting the rich history and culture of Bangalore.



### Folk Music Experience and Learning Centre, Amritsar

**INTRODUCTION**  
The Folk Music Experience and Learning Centre, Amritsar, is a project that aims to provide a high-quality learning environment for its students. The project is designed to be a blend of traditional and modern architecture, reflecting the rich history and culture of Amritsar. The building is designed to be a blend of traditional and modern architecture, reflecting the rich history and culture of Amritsar.





**Arushi Bhargava**



**Sahil Varshneya**



**Simran Kaur**

**For admission updates and queries visit:**  
Website: <http://www.aayojan.edu.in>  
Email: [info@aayojan.edu.in](mailto:info@aayojan.edu.in)



ISI-4, RIICO Institutional Block Sitapura,  
Goner Road, Jaipur, Rajasthan  
Ph +91 93145 17709, 97850 33721



AAYOJAN

**Certificate**

**Title:** HUMANIZING HIGH- RISE

**Category:** Architectural Project

**Award:** Winner National Final Jury; Awards for Excellence in Architectural Thesis 2022 & JK AYA Best Architecture Student of the Year Award 2022

**Awardee:**

Sahil Varshneya





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# AAYOJAN SCHOOL OF ARCHITECTURE

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## Excellence in Architectural Thesis- 2022 & JK AYA Best Architectural Student Award 2022 under Zone 01



## Brochure/Poster

### National Final Jury

Sahil Varshney (Batch 19) is selected as the winner under the category of 'Architectural Project' at the National final jury of Awards programme, held on 31st March'23. Awards for **Excellence in Architectural Thesis 2022 & JK AYA best Architecture Student of the Year award 2022** for the thesis titled Humanizing High Rise.

Thesis Description: With the rapid increase in urban population, cities around the world have no option but to go high. The intent is of the thesis was to create a vertical neighbourhood with human response to tall buildings by humanizing high-rises.

# Aayojan School of Architecture

## JAIPUR

### Congratulates

Sahil Varshneya for winning under the category "Architectural Project" at the National Final Jury

**Awards for Excellence in Architectural Thesis 2022 & JK AYA Best Architecture Student of the Year Award 2022**



Mound development Existing contour

Greening with respect to retrofitting of deccan platue planning on roof.

Sky bridge interconnection at 10th floor

Skybridge connecting the vertical housing together at middle level

Completing the algorithm of humanizing highrise for social cohesion and interaction

**Humanizing High-Rise Housing**

The project offers better neighborhood and cohesion by imbibing the qualities of low and mid rise housing.

For more information and queries visit:

Website: <http://www.aayojan.edu.in> | Email: [info@aayojan.edu.in](mailto:info@aayojan.edu.in)  
B1-4, RICO Institutional Block, Silapura, Ganes Road, Jaipur, Rajasthan  
Ph: +91 82331 65578, 93145 17709, 97850 33721





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# AAYOJAN SCHOOL OF ARCHITECTURE

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## Student's Award for Excellence in Documentation of Architectural Heritage 2022

## Brochure/Poster

### National Final Jury

Aayojan School of Architecture, Jaipur is proud to share that Architectural Documentation of Shree Jain Shwetambar Mandir, Sanganer by Harshita Jain (Group Lead), is selected for citation under the category of 'Arts and Crafts related to Buildings' at the **National final jury of Awards programme, Students' Awards for Excellence in Architectural Documentation 2022**, held on 31st March'23.

The COA hosted a total of 27 entries in three categories of Architectural Documentation. Out of which 6 groups got selected for zonal level in different categories and 1 group in top two at the National final jury.

Sanganer is dotted with Shrines, Jain Temples, craft workshops and havelis of residing Chipa and Kagzi community. The rich built and cultural is vital to city's identity and is woven into people's aspirations discovered as through documentation and interaction with the community. Students (National Final Jury):

Harshita jain (G.L.)


Anjali Bothra

Anjani Rathore

Himanshu Pareek

Deepansh Mittal


**Aayojan School of Architecture**  
**JAIPUR**  
**STUDENTS' AWARDS FOR**  
**EXCELLENCE IN DOCUMENTATION OF ARCHITECTURAL HERITAGE 2022**



**CITATION - NATIONAL LEVEL**  
**Arts and Crafts related to Buildings**  
**SHRI JAIN SHWETAMBAR MANDIR, SANGANER**

Harshita Jain Anjali Bothra	Deepansh Mittal	Anjani Rathore Himanshu Pareek
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For more information and queries visit:  
Website: <http://www.aayojan.edu.in> | Email: [info@aayojan.edu.in](mailto:info@aayojan.edu.in)  
B-4, BICO Institutional Block Sitapura, Goner Road, Jaipur, Rajasthan  
Ph: +91 93145 17789, 97850 3372





## Geo Tagged Pictures (Heritage)



Citation Award, National final jury of Awards programme, Students' Awards for Excellence in Architectural Documentation 2022.

[Path: C:\Users\super\Desktop\ANJ\Images; Name: AW01](#)

[Date:Time 2023.03.31 9:38:44](#)

[Direction: 17°38'53 N, 77°47'55 E](#)



Students presenting at the National final jury of Awards programme, Students' Awards for Excellence in Architectural Documentation 2022.

[Path: C:\Users\super\Desktop\ANJ\Images](#)

[Name: AW02](#)

[Date:Time 2023.03.31 2:38:40](#)

[Direction: 17°38'53 N, 77°47'55 E](#)



Group picture of Jurors and Awardees National final jury of Awards programme, Students' Awards for Excellence in Architectural Documentation 2022 and Excellence in Architectural Thesis 2022 & JK AYA best Architecture Student of the Year award 2022

[Path: C:\Users\super\Desktop\ANJ\Images; Name: AW03](#)

[Date:Time 2023.03.31 09:58:40](#)

[Direction: 17°38'53 N, 77°47'55 E](#)



Students group at the School of Architecture and Planning, Woxen University, Hyderabad

[Path: C:\Users\super\Desktop\ANJ\Images](#)

[Name: AW04](#)

[Date:Time 2023.03.31 1:38:40](#)

[Direction: 17°38'53 N, 77°47'55 E](#)

## Geo Tagged Pictures (Architectural Thesis)



Group picture of Jurors and Awardees, Excellence in Architectural Thesis 2022 & JK AYA best Architecture Student of the Year award 2022  
Path: C:\Users\super\Desktop\ANJ\Images  
Name: AW05; Date:Time 2023.03.31 09:58:40  
Direction: 17°38'53 N, 77°47'55 E



Lakshya Sharma (III B ) receiving Zonal Award at Awards programme, Students' Awards for Excellence in Architectural Documentation 2022  
Path: C:\Users\super\Desktop\ANJ\Images; Name: AW06  
Date:Time Date:Time 2023.03.31 09:58:40  
Direction: 17°38'53 N, 77°47'55 E



Group picture of Jurors and Awardees National final jury of Awards programme, Students' Awards for Excellence in Architectural Documentation 2022 and Excellence in Architectural Thesis 2022 & JK AYA best Architecture Student of the Year award 2022  
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Group picture of Jurors and Awardees National final jury of Awards programme, Students' Awards for Excellence in Architectural Documentation 2022  
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## Certificate

**Title:** DAHID2201 IA04 TATIWALA HAVELI

**Category:** Indigenous Dwellings

**Award:** Top 5, Zonal Level; Students' Awards for Excellence in Documentation of Architectural Heritage 2022

### Awardee:

Kunal Agrawal  
Noynika Shah  
Namish Kumawat  
Nazam Khan  
Priyanshu Banger  
Nandini Agarwal  
Pratishtha Pradhan  
Pranav Vashishtha  
Nitin Kumar





**Certificate**

**Title:** : DAHAC2204 STREET FACADE HANUMAN JI KA RASTA

**Category:** Arts and Crafts Related to Buildings

**Award:** Top 5, Zonal Level; Students' Awards for Excellence in Documentation of Architectural Heritage 2022

**Awardee:**

Lakshya Sharma  
Kinjal Harpavat  
Jahanvi Agrawal  
Kartik Soni  
Khushi Rajvanshi  
Khushbu Goyal  
Mohammad Irfan  
Mohit Jangid



**Certificate**

**Title:** DAHAC2203 SHRI JAIN SHWETAMBAR MANDIR, SANGANER

**Category:** Arts and Crafts related to Buildings

**Award:** Citation- National Level; Students' Awards for Excellence in Documentation

**Group:**

Harshita Jain  
Anjali Bothra  
Anjani Rathore  
Himanshu Pareek  
Deepansh Mittal



**Certificate**

**Title:** DAHID2204 SHRI ADINATH DIGAMBER JAIN MANDIR DIVAN BHADI CHAND JI

**Category:** Indigenous Dwellings

**Award:** Top 5, Zonal Level; Students' Awards for Excellence  
in Documentation of Architectural Heritage 2022

**Awardee:**

Gaurav Kumar Suthar  
Abhay Tripathi  
Ankit Asiwat  
Harsh Gupta



## Certificate

**Title:** DAHAH2202 BH03 SURANA BHAVAN

**Category:** Architectural Heritage

**Award:** Top 5, Zonal Level; Students' Awards for Excellence in Documentation of Architectural Heritage 2022

### Awardee:

Yashika Rathi  
Vanshika Agrawal  
Vartika Aggarwal  
Shaily Chauhan  
Sajid Ali  
Tej Bhatia  
Sarhthak Aggarwal  
Snehal Maurya  
Ujjawal Gumber  
Yashika Aggarwal  
Yashwant Sharma





**Certificate**

**Title:** DAHAC2203 SHRI JAIN SHWETAMBAR MANDIR, SANGANER

**Category:** Arts and Crafts related to Buildings

**Award:** Top 5, Zonal Level; Students' Awards for Excellence in Documentation of Architectural Heritage 2022

**Awardee:**

Harshita Jain  
Anjali Bothra  
Anjani Rathore  
Himanshu Pareek  
Deepansh Mittal



**Certificate**

**Title:** DAHAH2203 SHRI DIGAMBAR JAIN MANDIR, THOLIAN SANGANER

**Category:** Architectural Heritage

**Award:** Top 5, Zonal Level; Students' Awards for Excellence  
in Documentation of Architectural Heritage 2022

**Awardee:**

Dixit Bohra  
Harshit Khandelwal  
Harshita Shekhavat  
Chhavi Sharma  
Ashish Suthar







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# AAYOJAN SCHOOL OF ARCHITECTURE

(Affiliated with Rajasthan Technical University)

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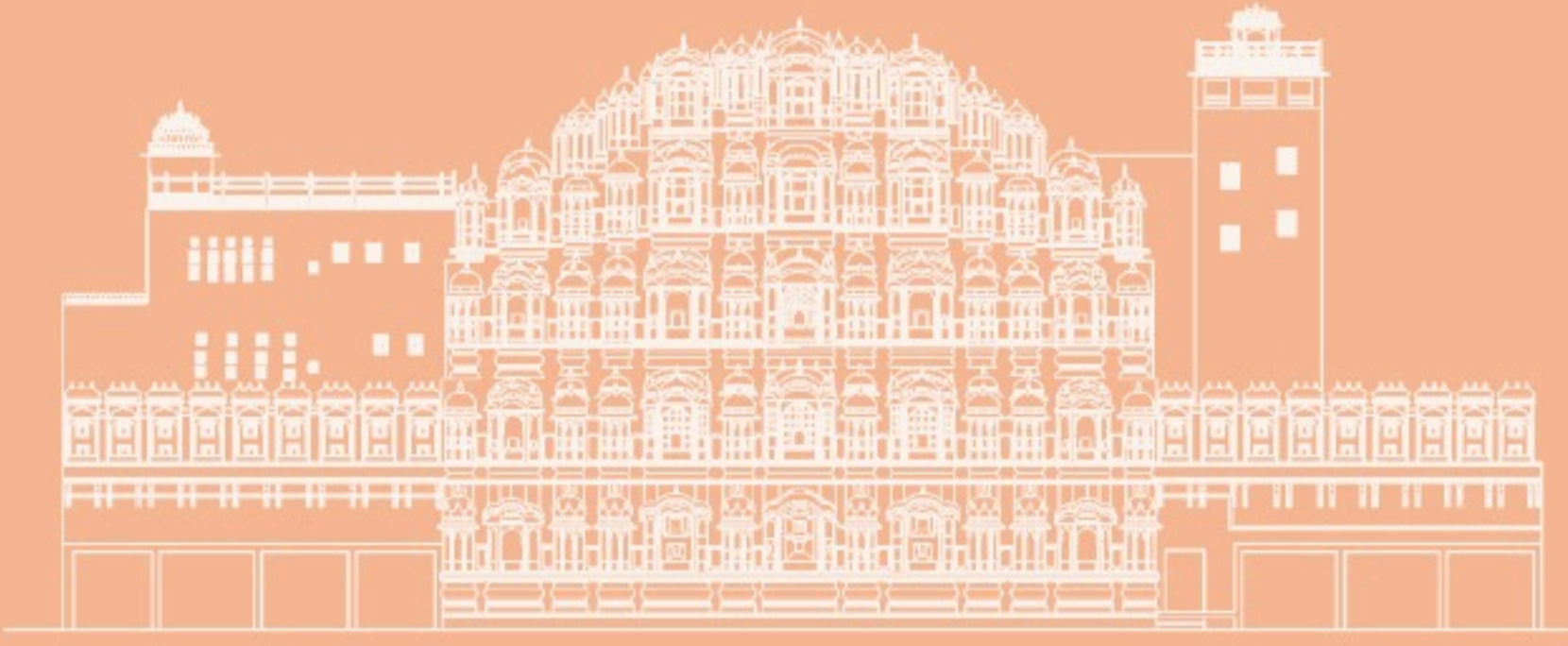
## Unveiling of Measure Drawing Monograph-2019-20



# AAYOJAN MEASURED DRAWING MONOGRAPH SERIES



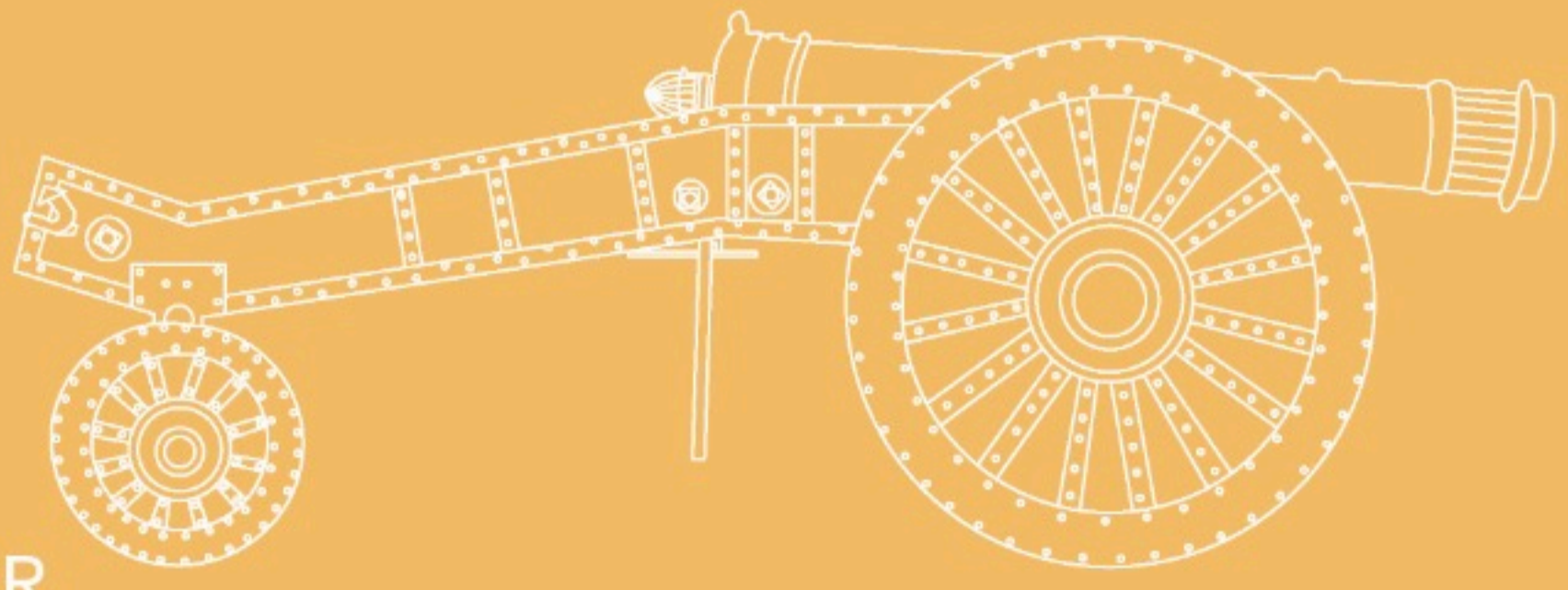
CHOOD SINGH KI HAVELI, AMBER



HAWA MAHAL, JAIPUR



MADHAVENDRA PALACE, NAHARGARH



JAIGARH FORT, JAIPUR

MEASURED DRAWING MONOGRAPHS TO BE UNVEILED AT  
INDIAN INSTITUTE OF ARCHITECTS RAJASTHAN CHAPTER'S  
"KNOWLEDGE SHARING SERIES"

Venue:  
Clarks Brij Convention Centre,  
Hotel Clarks Amer, Jaipur

Date: 26<sup>th</sup> July, 2019  
Time: 7p.m.Onwards





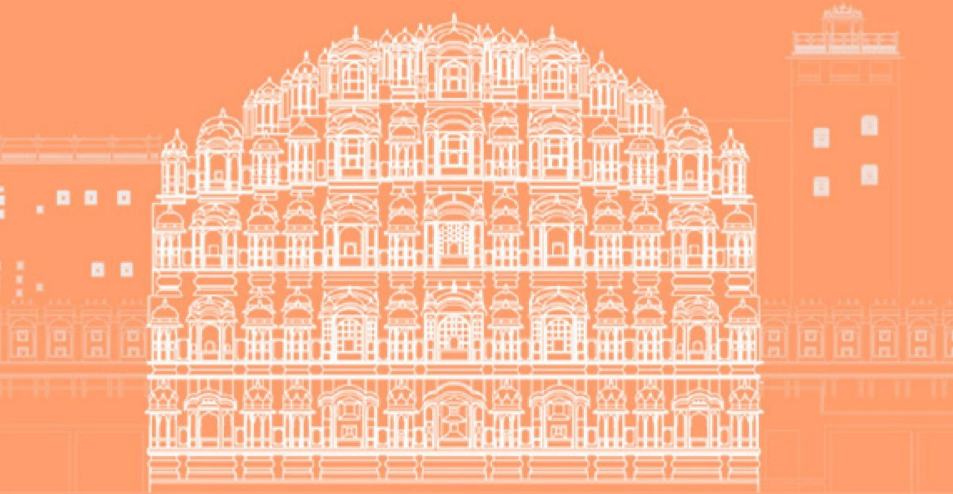
# CHOOD SINGH KI HAVELI AMBER



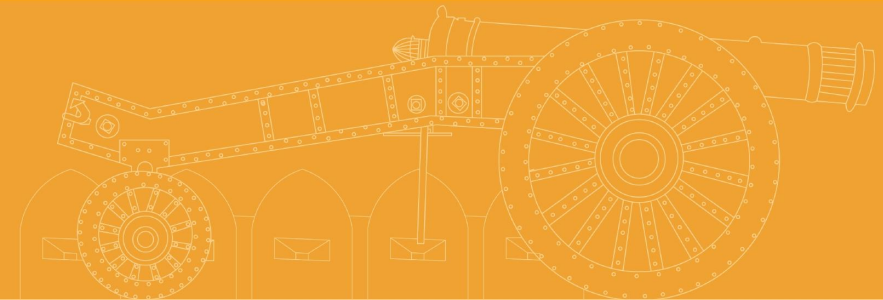
# MADHAVENDRA PALACE NAHARGARH



# HAWA MAHAL JAIPUR



# JAIGARH FORT JAIPUR



# CHOOD SINGH KI HAVELI AMBER









# FOREWORD



*Parul Zaveri*

**Parul Zaveri**  
Principal Architect  
Abhikram  
Ahmedabad

Measure Drawings form an integral part of learning about the natural and built environment, its historical and architectural context of planning and designing from macro to micro levels when done manually in a wholistic manner. Buildings and precincts become encyclopedias that reveal the secrets of the culture, way of life, various materials and their different uses, structural designs, building and finishing techniques, arts and crafts, and their significance in that era. Our exposure to measure drawings trips as students in historical places, unknowingly had laid the foundation of our future forays in the field of conservation, in Udaipur, Amber, Jaipur, Ahmedabad etc.

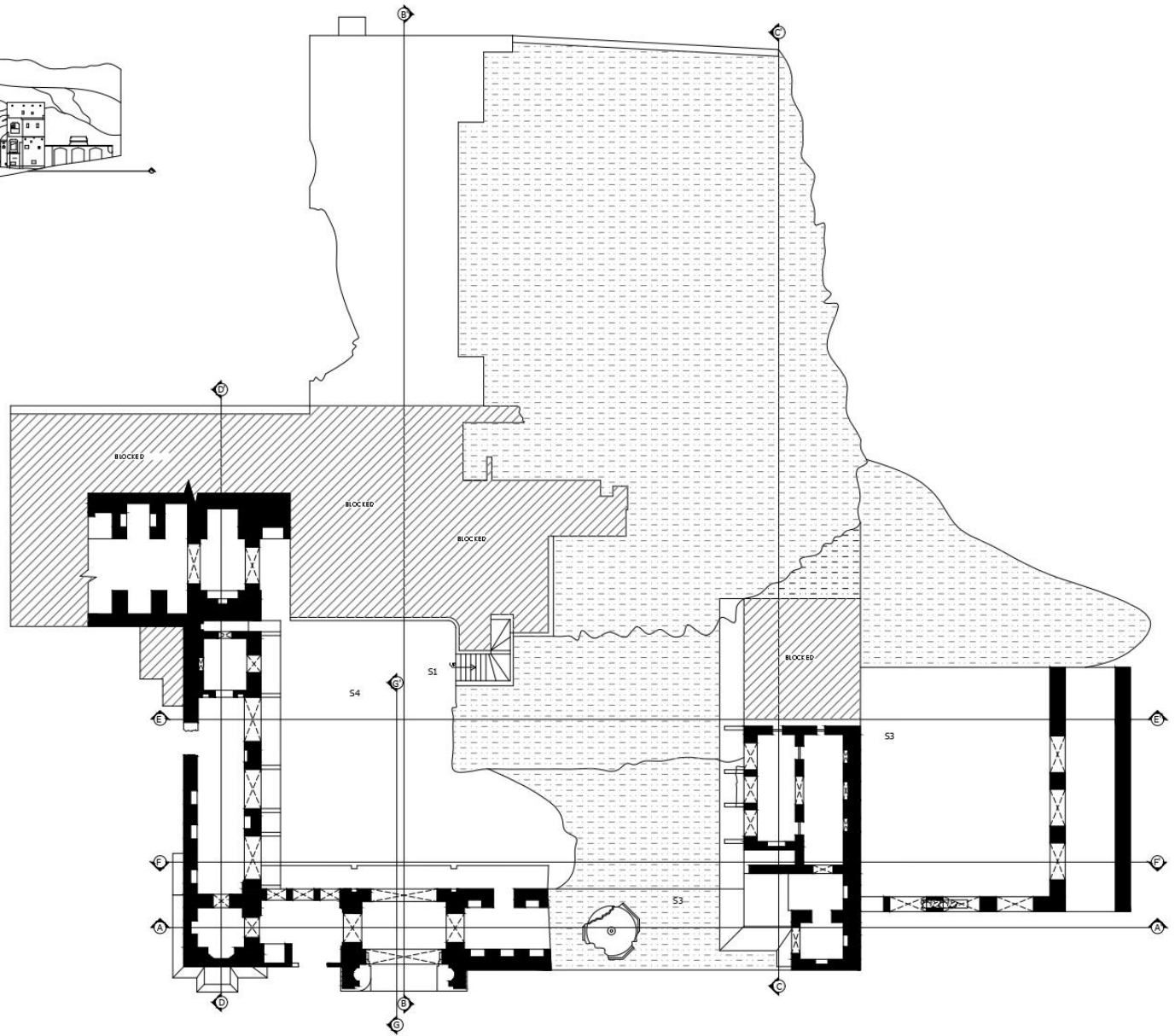
Physical documentation techniques help to connect culturally with locals, understand and experience the volumes which become places that get etched in one's minds, that find their place in future designs, as Louis Kahn's IIM Ahmedabad resonates his inspiration from Mandu. When these drawings are done physically it creates a personal connect with the spaces, details, raising millions of questions of how's and why's. Exploring and measuring under the guidance of local traditional artisans and crafts persons would help to develop a deeper understanding where the crafts no longer remain decorations but integral part of construction systems. Our involvement with them in Udaipur and Amber made us understand that similar climates, materials and technologies have evolved a varied regional vocabulary without any compromise with the cultural and contextual congruence. For example, stucco, 'aaraiish' plaster may look and feel the same across India, but each region uses different local materials and processes responding to local climate and availability of materials. Only supportive help can be taken of modern technology and photogrammetry and laser devices to measure and draw hard to access areas and elevations, to do a complete documentation. The importance of learning through physically taken measurements and sketches done on site should always remain at the centre of the measure drawing studio.

Measure Drawings have not been explored to its fullest strength. Architectural education has its foundations based on the western curriculum gives importance to the modern, post modern and high-tech architecture, its materials and techniques, most of which are not eco-friendly, or sustainable or climatically conducive to the region. Through measure drawings and involvement of our traditional craft persons, as part of the visiting faculty, with environmentalist, historians, anthropologists, etc. can bring about an exposure to the wholistic way of sustainable design which is rooted in our traditional wisdom and knowledge to evolve responsible architecture for India.

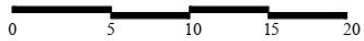
Chood Singh ki Haveli, a beautiful seven storied ruin leaves it to our imagination of how magnificent it must have been in its full glory. The measured drawings and construction details of arches, roofing, etc. with glossary show the exposure and take aways of learning that the students must have experienced. The initiative taken by Aayojan School to document the remains of the dilapidating structure is commendable. Efforts put in making of this monograph by the faculty and Students deserves applaud.

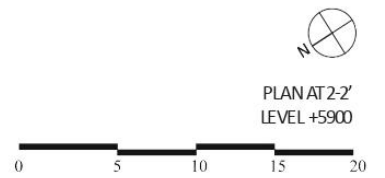
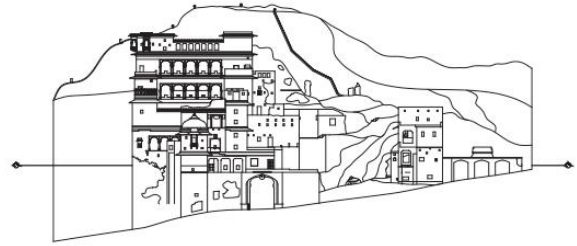
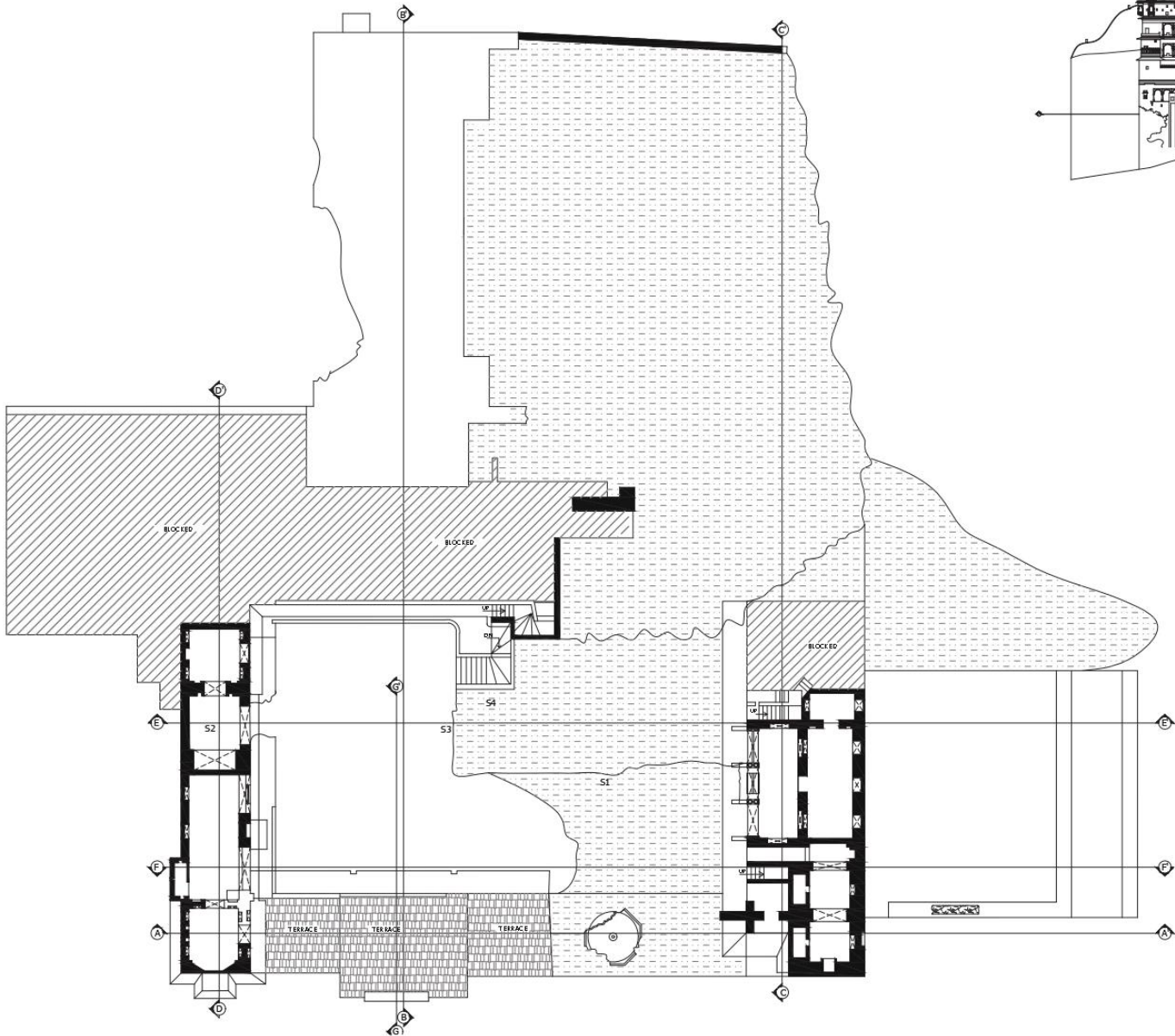






PLAN AT 1:1'  
LEVEL +2500

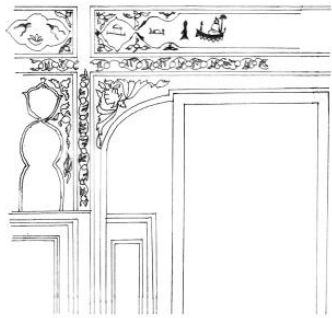




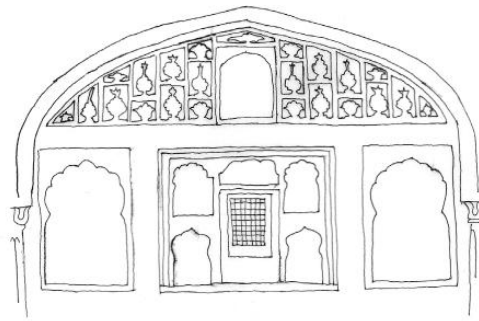
PLAN AT 2-2'  
LEVEL +5900



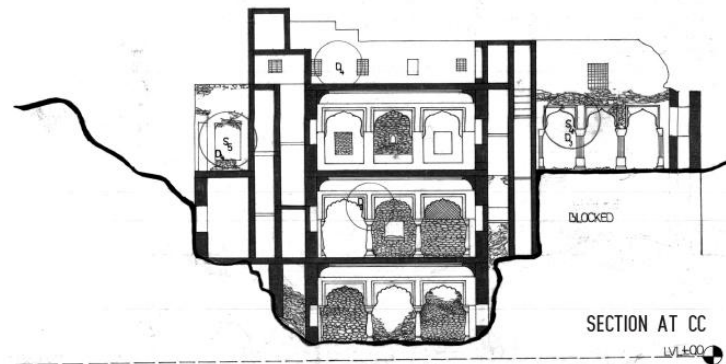




D1 DETAIL OF ARAISH WORK

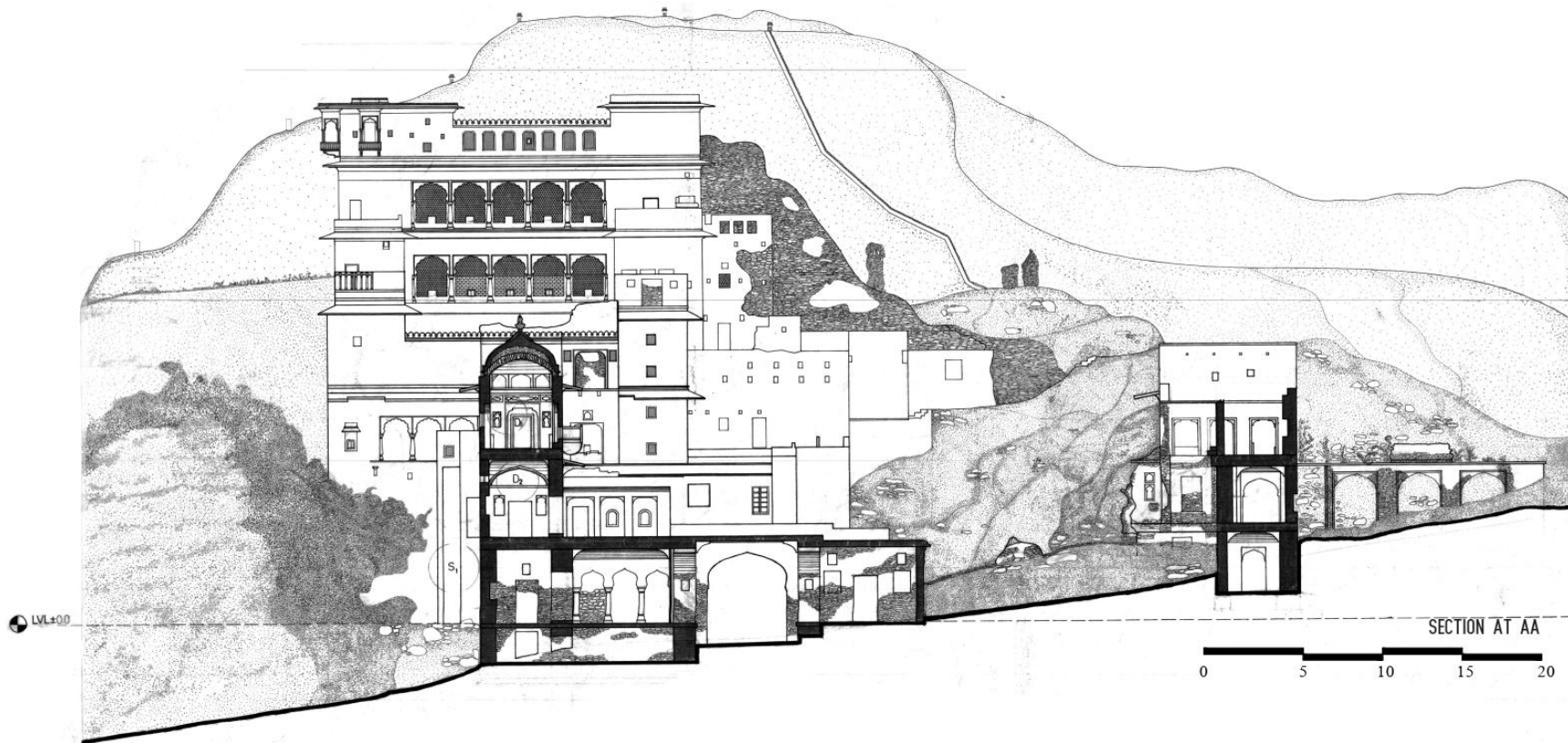


D2 DETAIL OF ARAISH WORK



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LVL+00

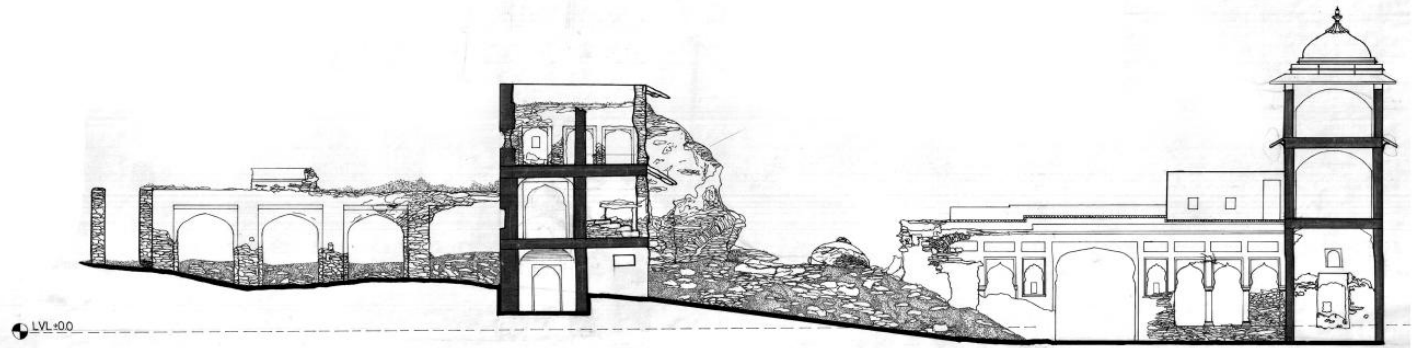


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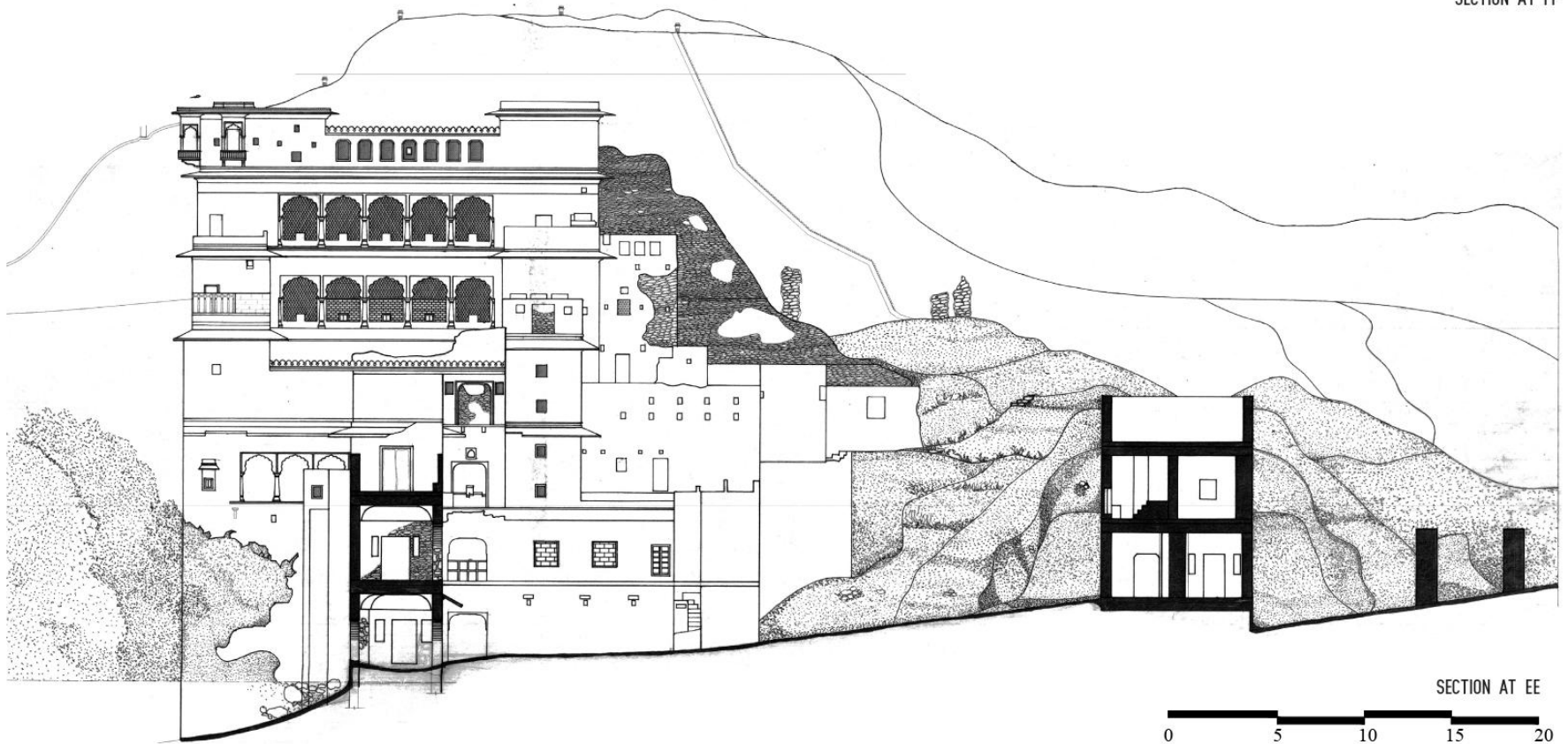
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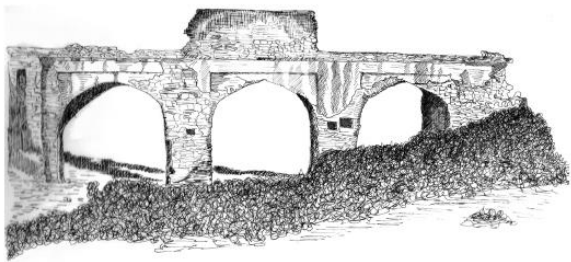




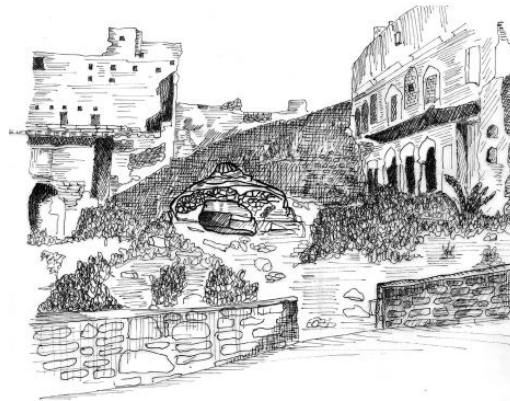
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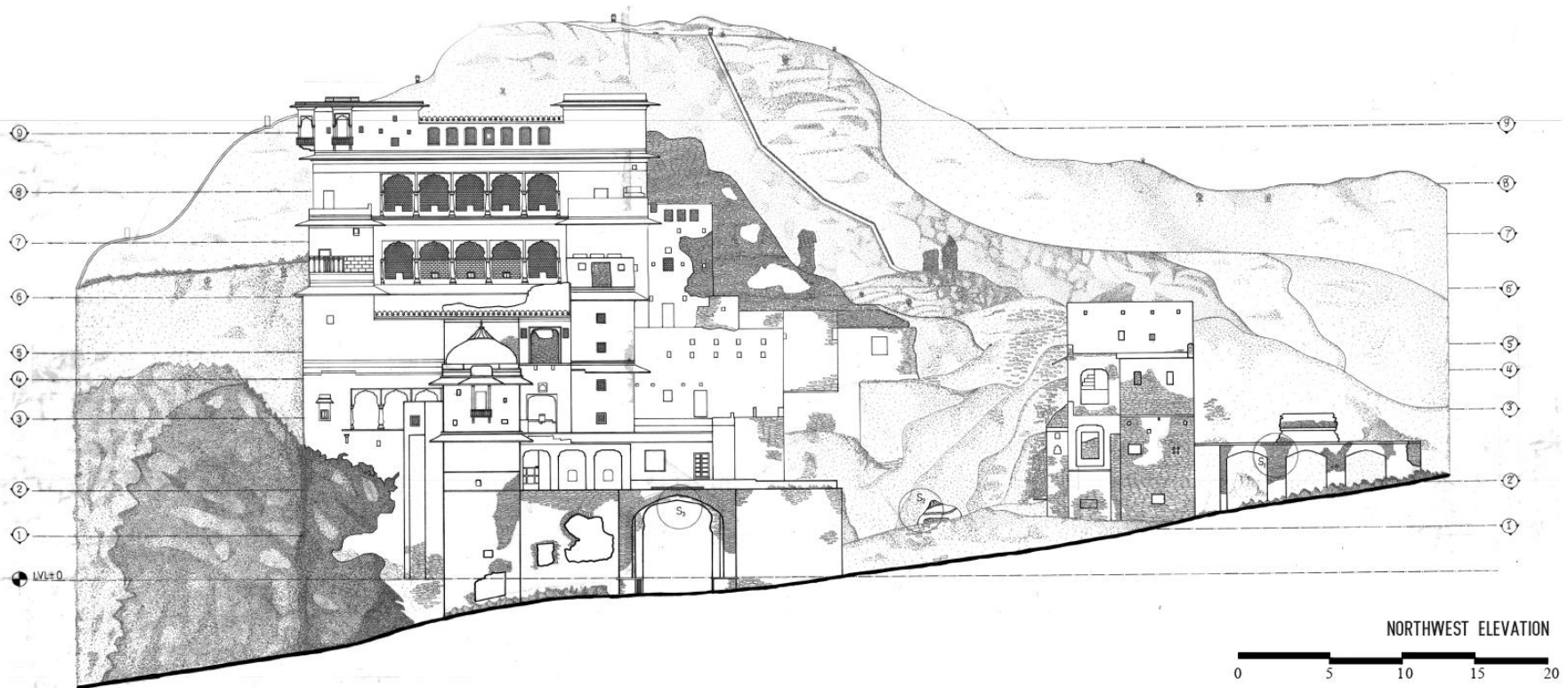
SKETCH SHOWING ARCHES



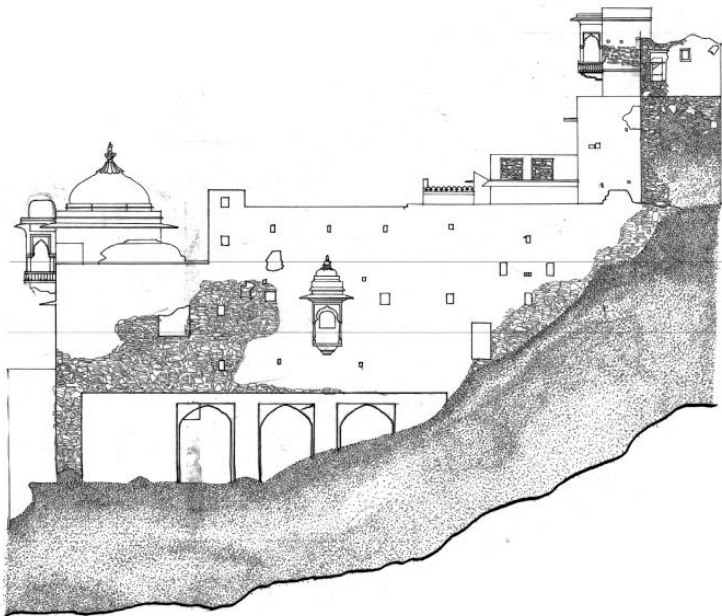
SKETCH SHOWING RAMSHACKLED DOME



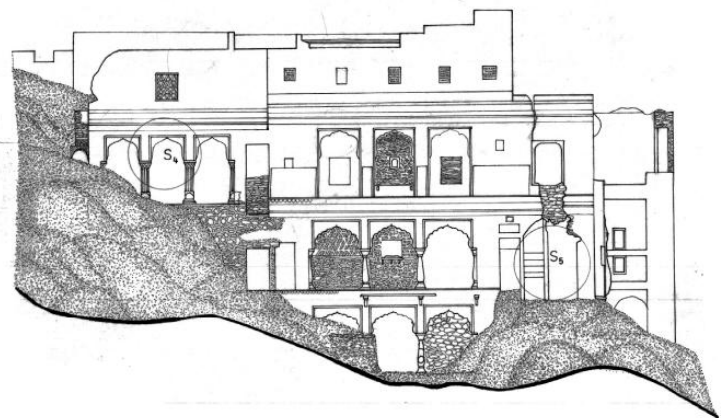
SKETCH SHOWING MAIN ARCH







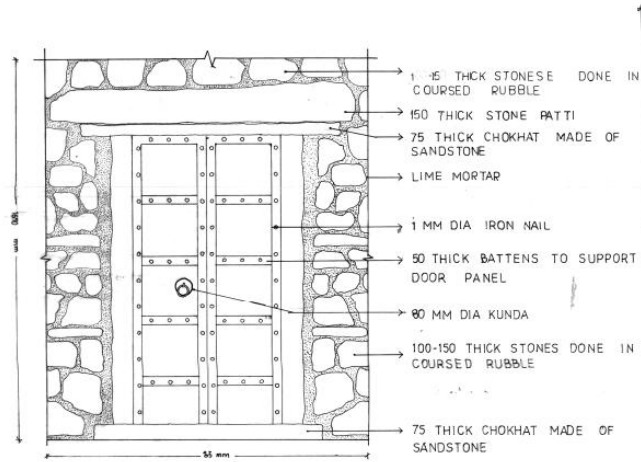
SOUTHWEST ELEVATION



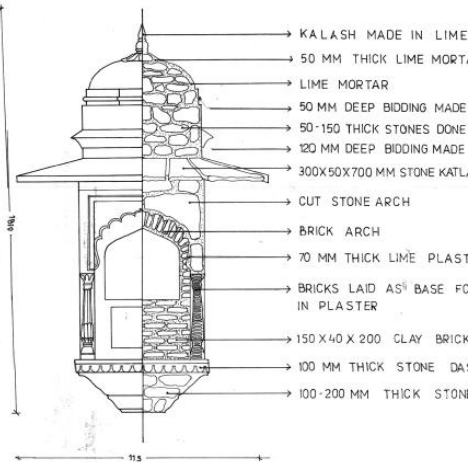
NORTHEAST COURTYARD ELEVATION







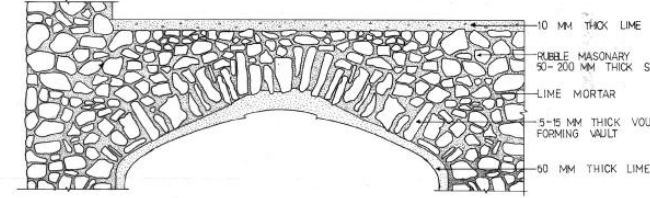
DETAIL OF DOOR



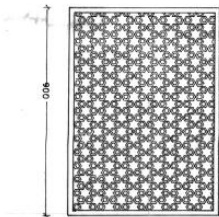
DETAIL OF JHAROKHA



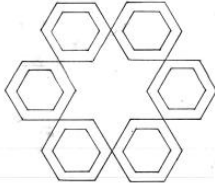
DETAILED SECTION OF DOME



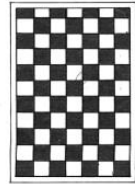
DETAILED SECTION OF VAULTED ROOF



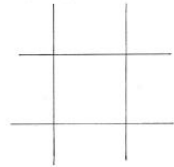
DETAIL OF LIME JAALI



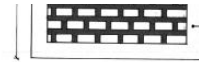
SINGLE UNIT



DETAIL OF STONE JAALI



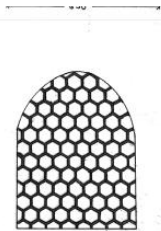
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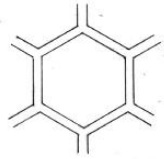
DETAIL OF BRICK JAALI



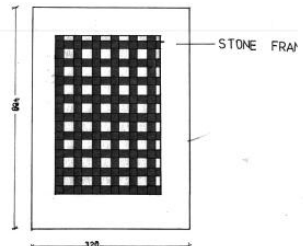
LAHORI BRICK



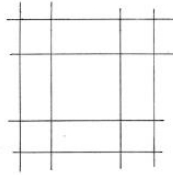
DETAIL OF LIME JAALI



SINGLE UNIT

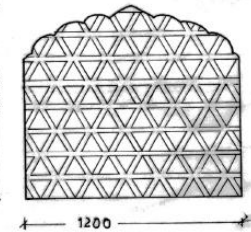


DETAIL OF LIME JAALI

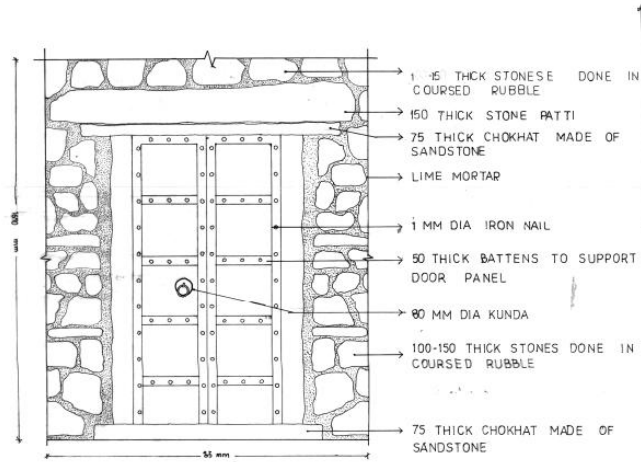


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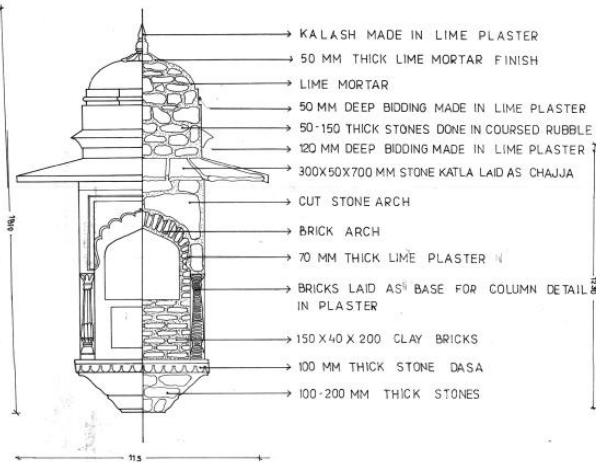
MADE BY KELOO AND KHARANJA. KELOO ACTS AS BINDING MAT. PLASTERING OF GOBAR WITH METHI & BHUSI



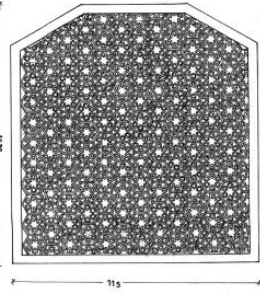
DETAIL OF KHARANJA JAALI



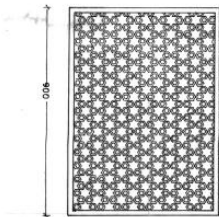
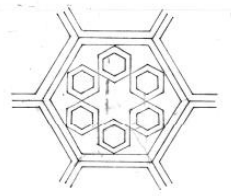
DETAIL OF DOOR



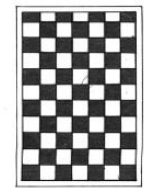
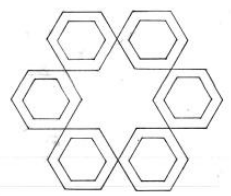
DETAIL OF JHAROKHA



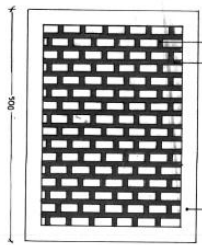
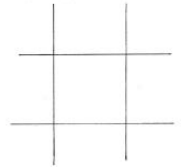
DETAIL OF STONE JAALI



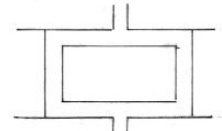
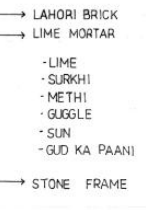
DETAIL OF LIME JAALI



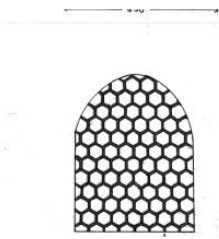
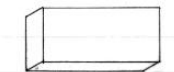
DETAIL OF STONE JAALI



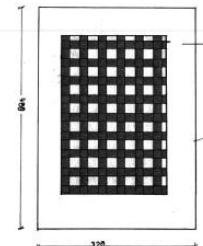
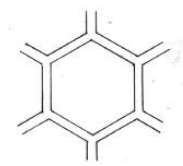
DETAIL OF BRICK JAALI



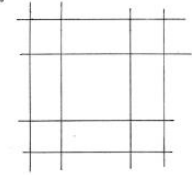
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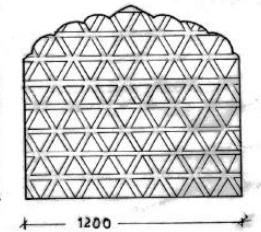
DETAIL OF LIME JAALI



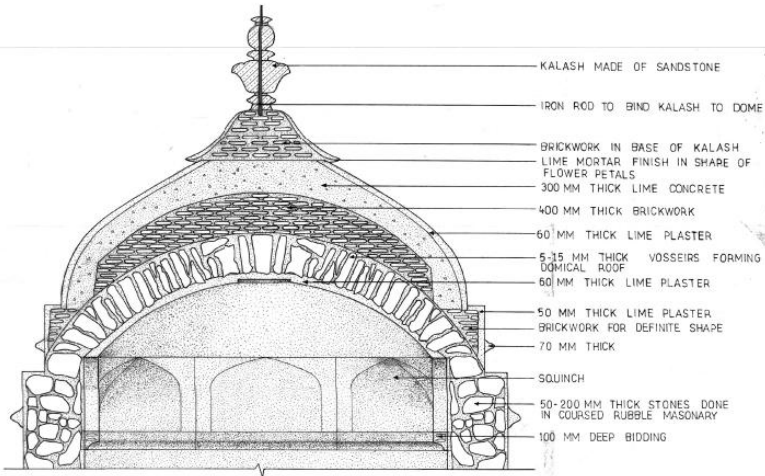
DETAIL OF LIME JAALI



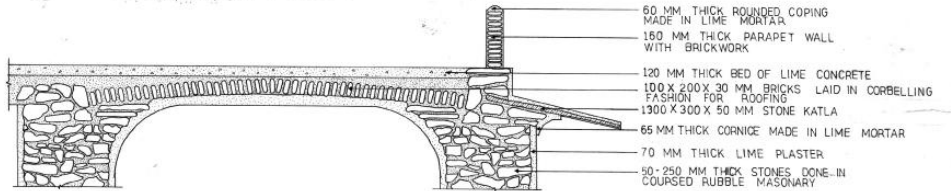
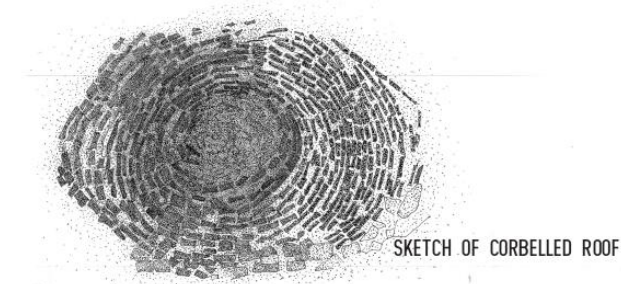
MADE BY KELOO AND KHARANJA. KELOO ACTS AS BINDING MAT. PLASTERING OF GOBAR WITH METHI & BHUSI



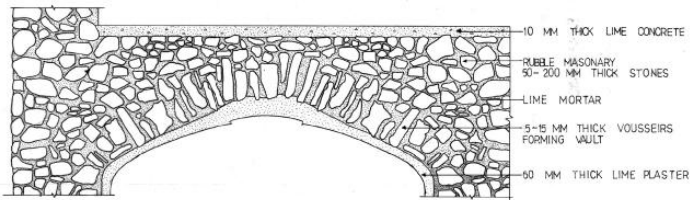
DETAIL OF KHARANJA JAALI



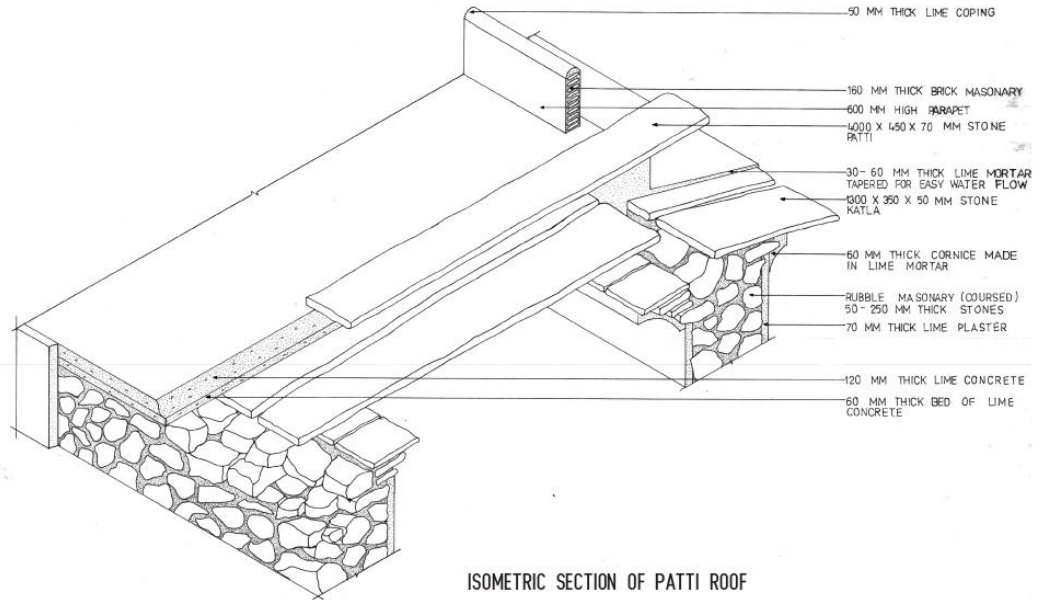
DETAILED SECTION OF DOME



DETAILED SECTION OF CORBELLED ROOF



DETAILED SECTION OF VAULTED ROOF



ISOMETRIC SECTION OF PATTI ROOF



# MADHAVENDRA PALACE NAHARGARH









# FOREWORD



*Dharmendar*

**Mrs Dharmendar Kanwar**

Writer; Convenor,  
INTACH Jaipur Chapter  
Member, EC and GC  
INTACH

Jaipur, perhaps all of Rajasthan, is a treasure trove so far as built heritage goes and we have the most amazing forts, palaces, havelies, temples and even step wells scattered around this beautiful State. These historical and archaeological sites and ancient monuments are important elements of our cultural heritage and important components of indigenous culture in locations where material culture was a part of the tangible past.

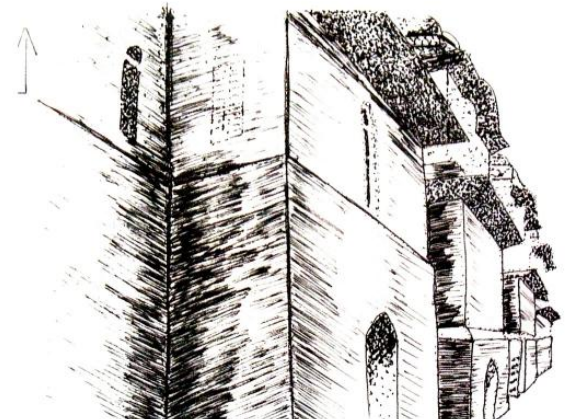
All across the country the pressures of urban growth have posed a significant threat to our built heritage as population and economic pressures mount and cities are being expanded to construct new, modern buildings in historically important areas. This has been an unfortunate trend in Jaipur as well where traditional buildings are demolished and replaced by modern, concrete structures including hotels and malls. The expenses associated with preserving historic structures often do not justify their maintenance, so they are removed in favour of new buildings that offer more economic promise. Over the years we have lost countless buildings to this wave of modernisation and our architectural wealth seems to be depleting with each passing year. All too often, in some urban areas, indigenous building technology is being lost, and much of it goes unrecorded before demolition.

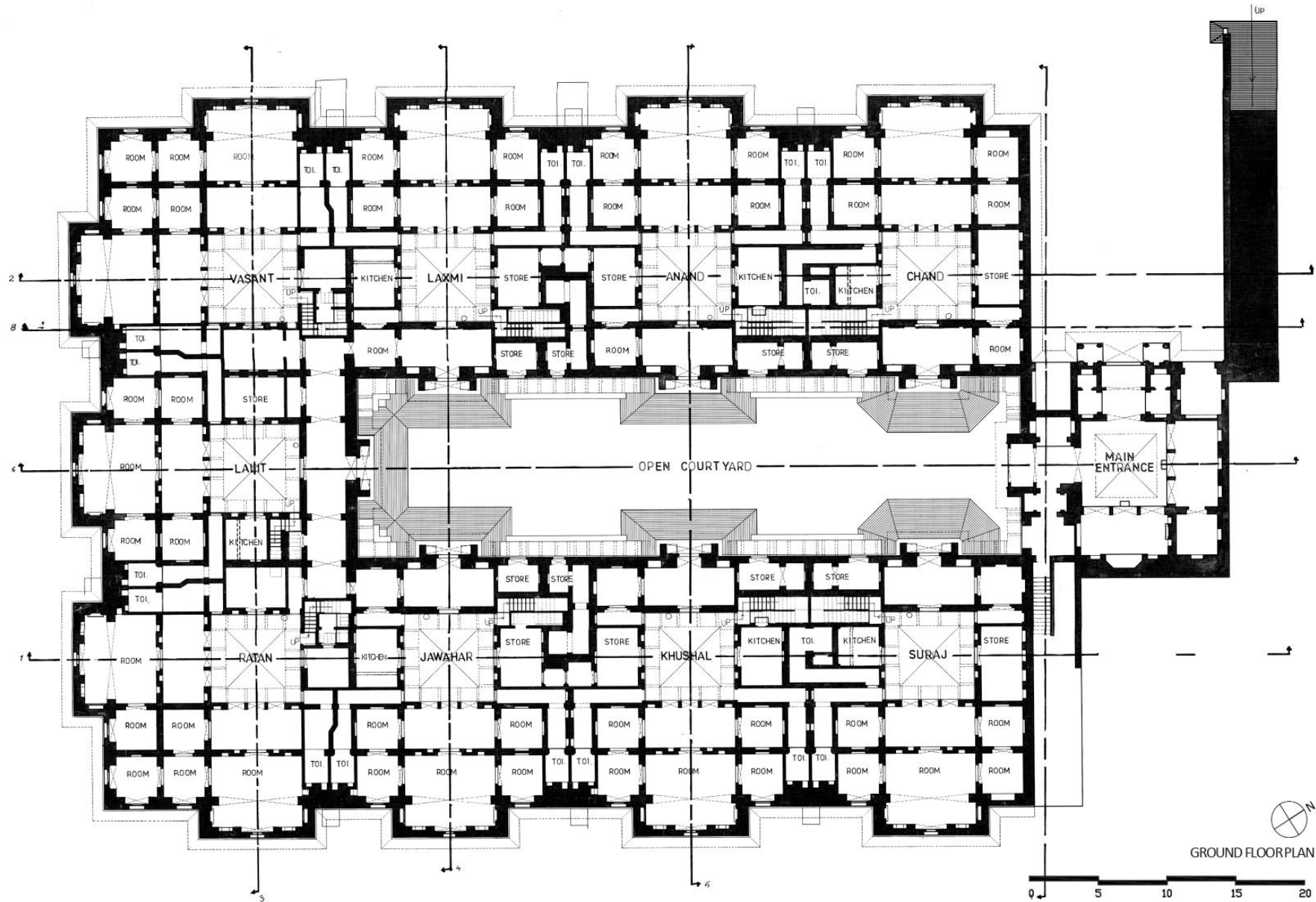
INTACH has been highlighting this aspect ever since its formation in 1984 and one of the first things that a newly formed Chapter has to undertake is a detailed Listing of buildings of architectural and historical importance. This includes listing not just the salient features but floor plans, sections, elevations, structure details, construction techniques and all related aspects of traditional architecture. This is crucial not only in understanding the finer points of traditional architectural techniques but also keeping an almost extinct expertise alive by recording it in a detailed manner for future reference.

I am very happy to learn of the tremendous efforts put in by Aayojan School of Architecture in motivating their students to document Madhavendra Palace in such detail. The Measured Drawing Monograph is indeed a laudable effort and the staff, faculty and students need to be commended for this fine work. The detailing is indeed very impressive and I'm sure the team worked on this project, as well as those who study it at a later stage, will learn a lot from it. I hope this exercise will continue across the State and bring out little known but tried and tested traditional building methods.

Incidentally, Nahargarh is very close to my heart because INTACH Jaipur Chapter had undertaken the restoration work of the fort in the late 1990s – it was one of our first restoration projects in Rajasthan and I personally spent two years overseeing the work. I wish a document of this nature had been available to us during that time!

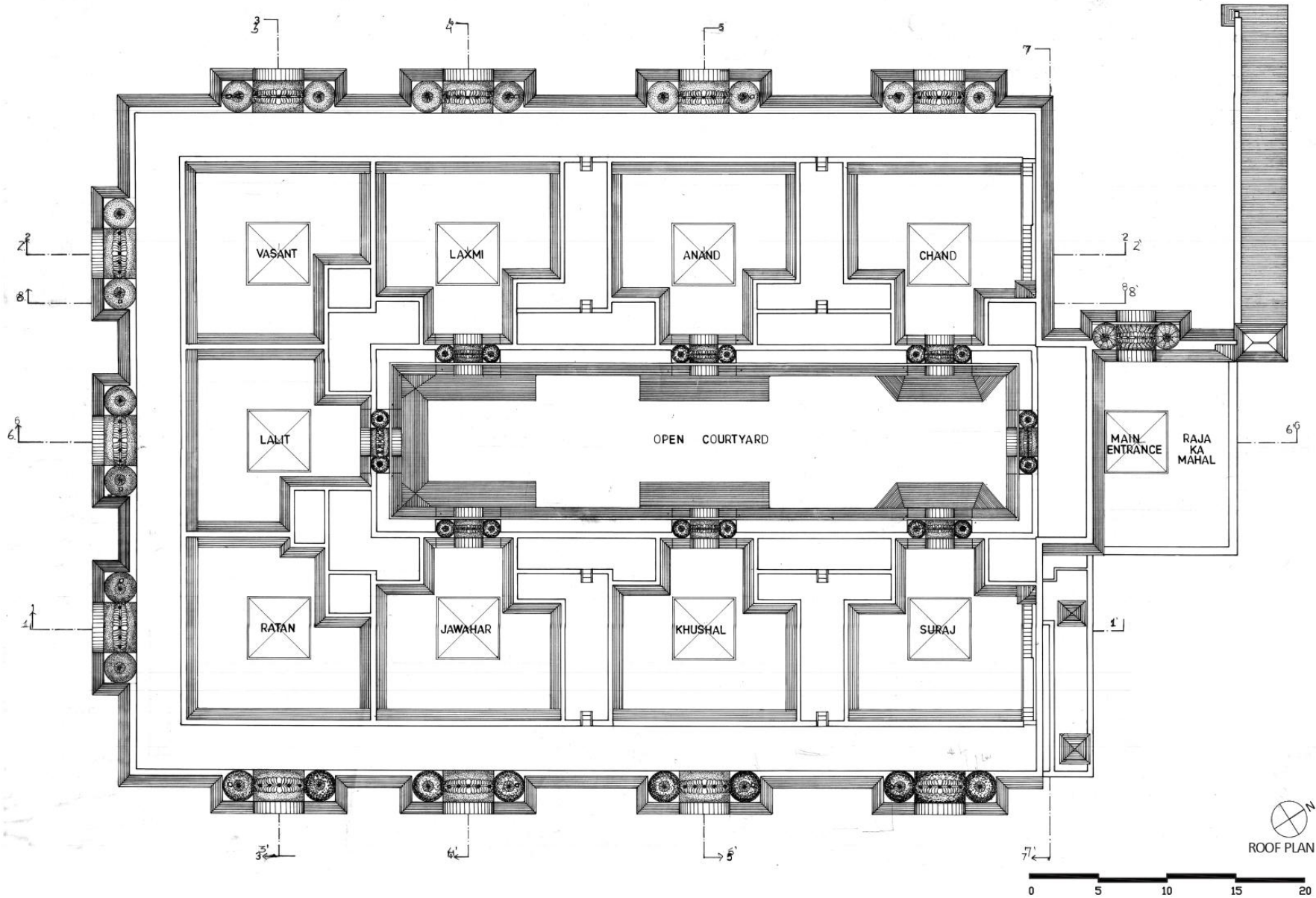
However, please accept my best wishes again and let this be an on-going exercise. It is heartening to know that Aayojan continues to instil these values in their students and motivates them to respect their past as much as they open their mind to the future.



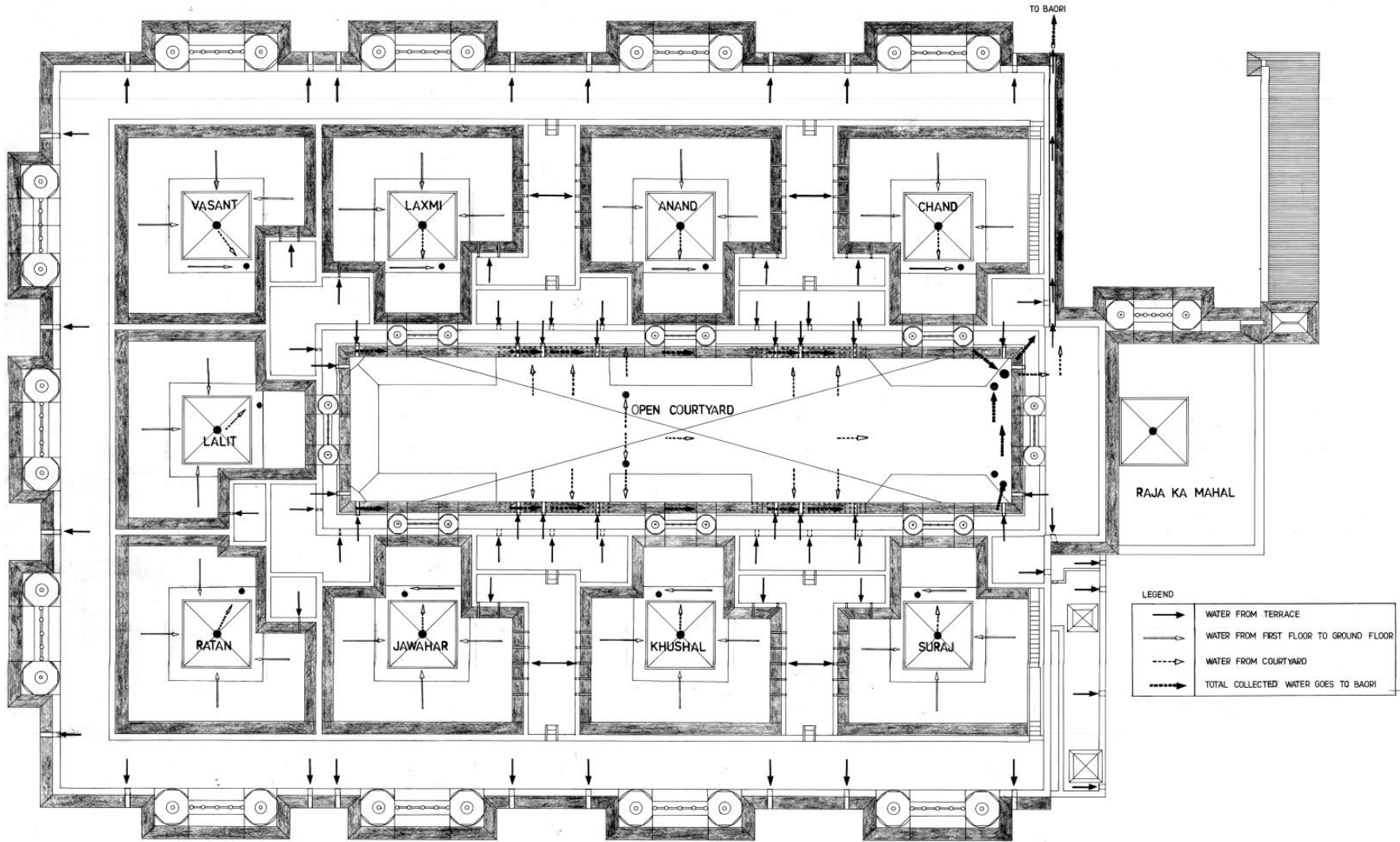


GROUND FLOORPLAN









LEGEND

	WATER FROM TERRACE
	WATER FROM FIRST FLOOR TO GROUND FLOOR
	WATER FROM COURTYARD
	TOTAL COLLECTED WATER GOES TO BAORI

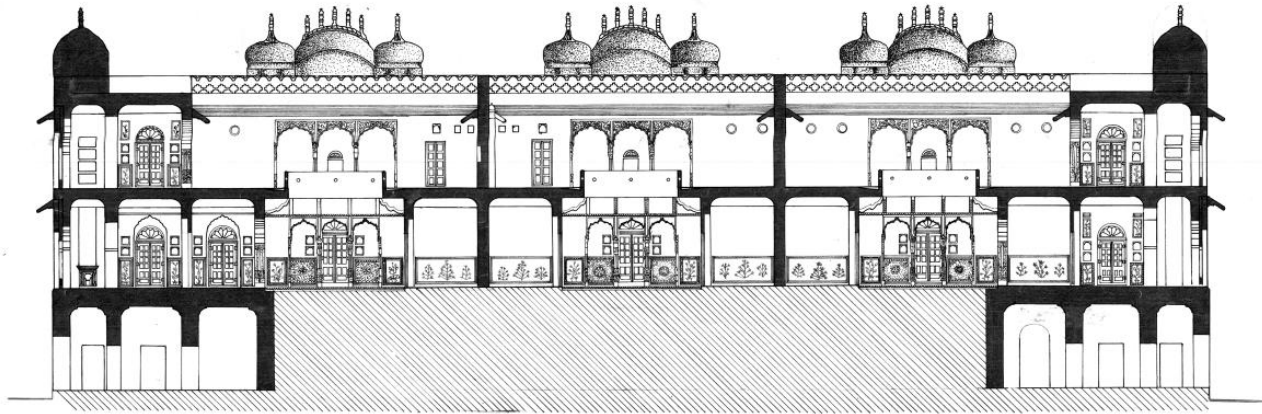
RAINWATER HARVESTING PLAN

0 5 10 15 20

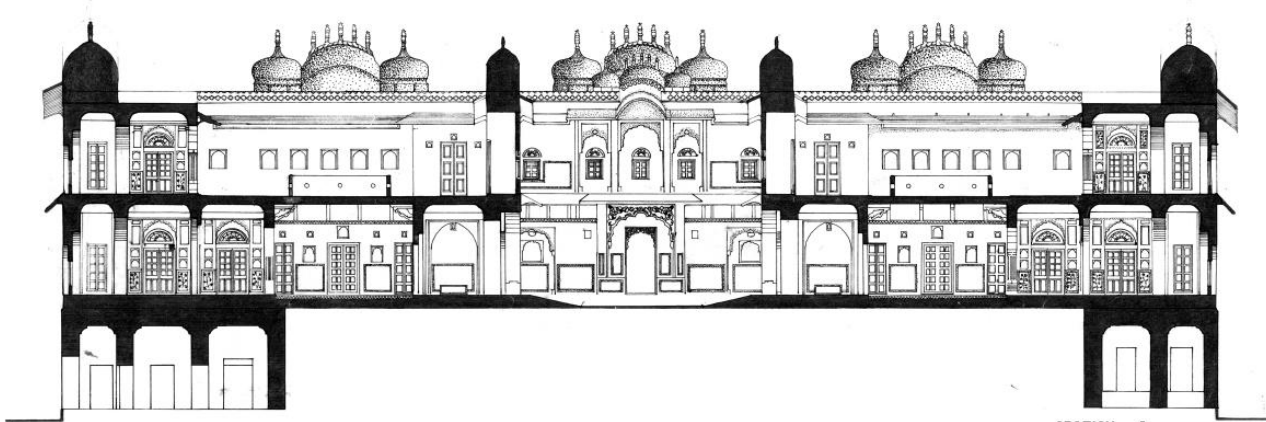




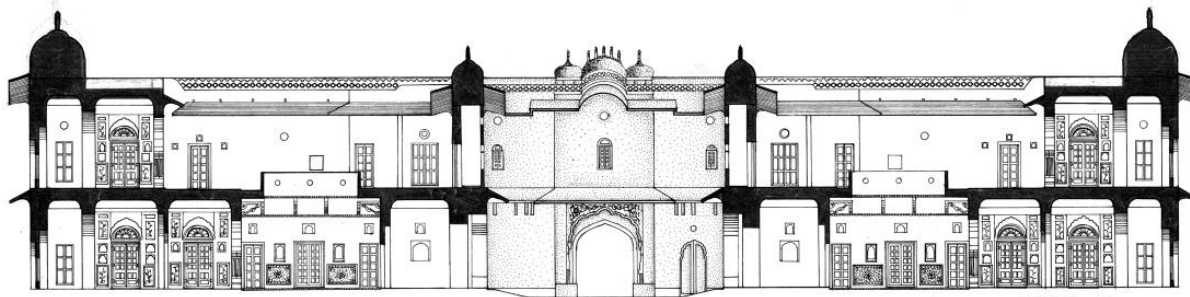




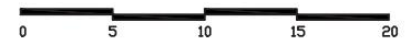
SECTION 3

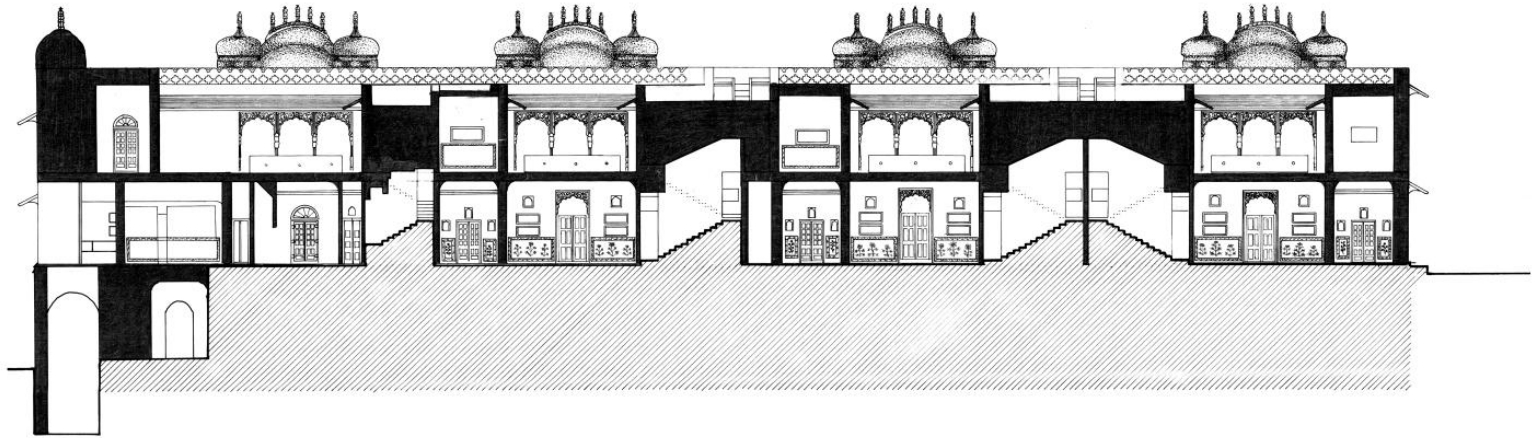


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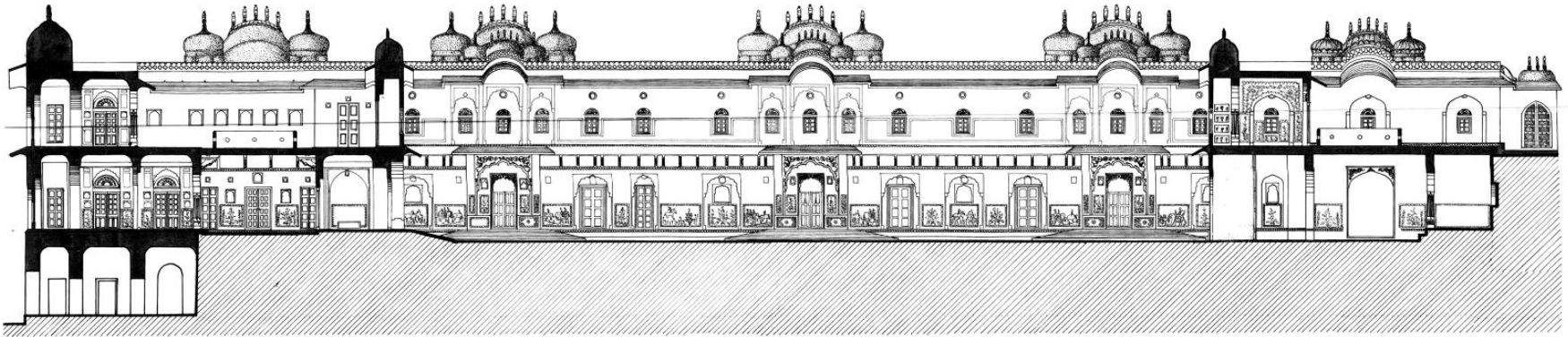


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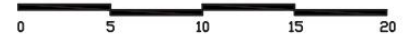




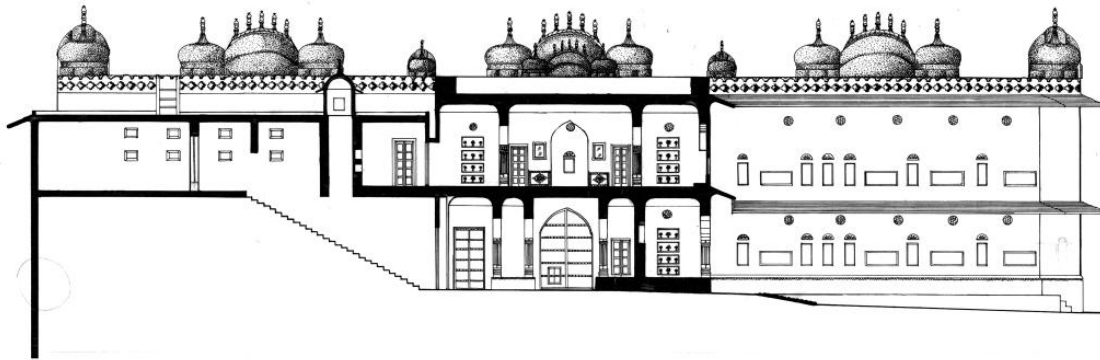
SECTION B



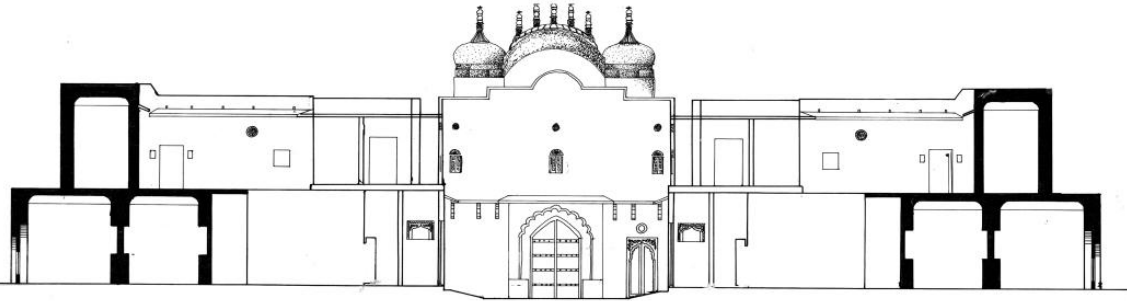
SECTION G



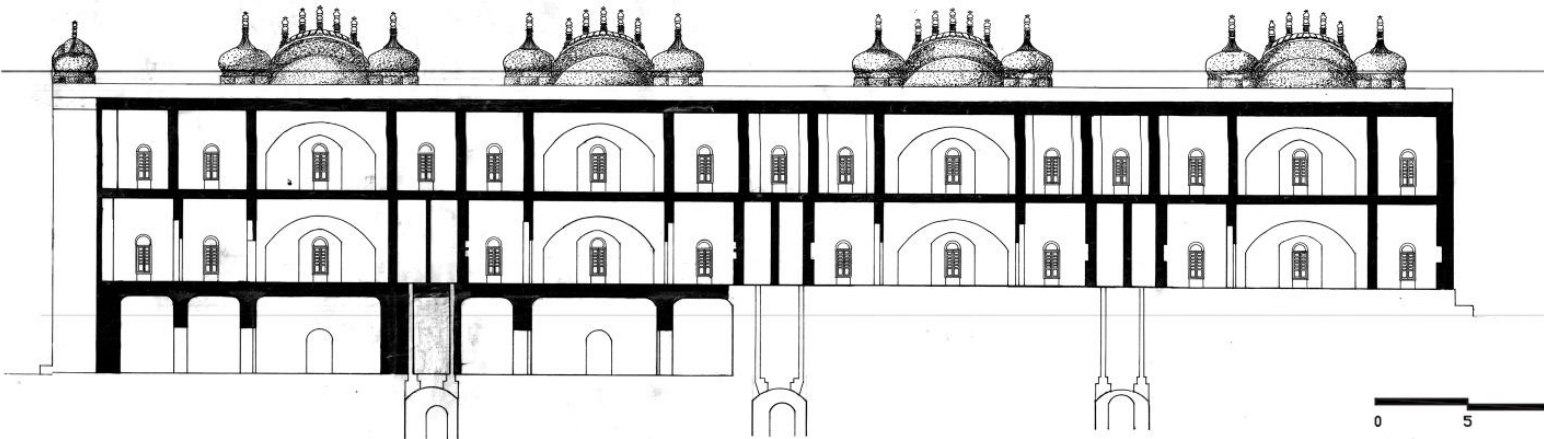




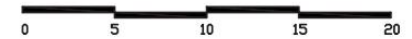
SECTION 7



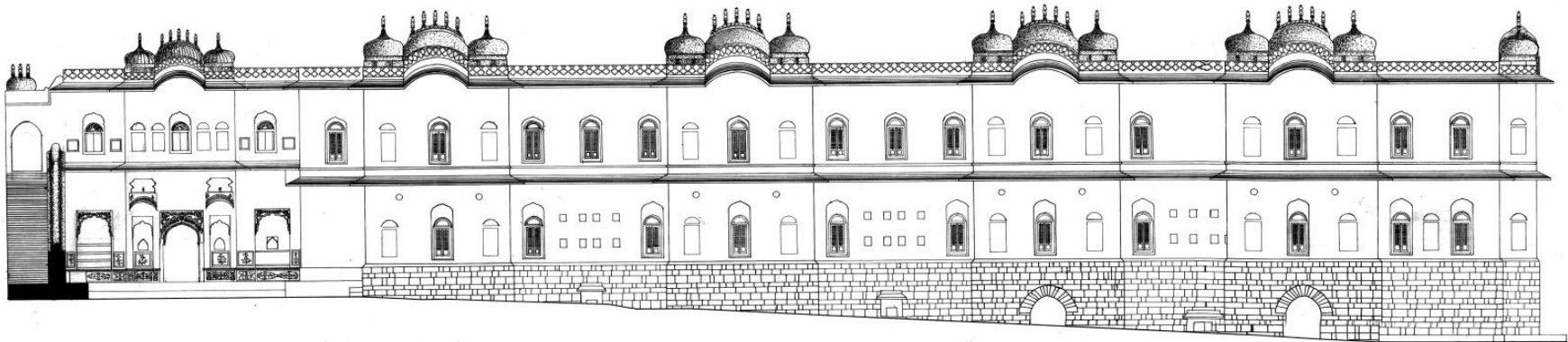
SECTION 9



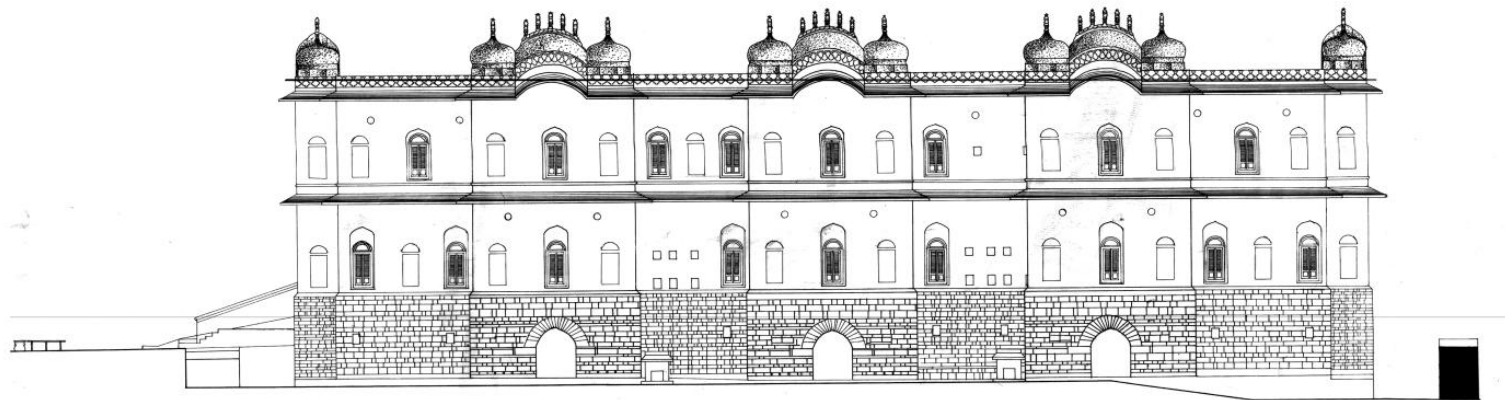
SECTION 10







NORTHWEST ELEVATION



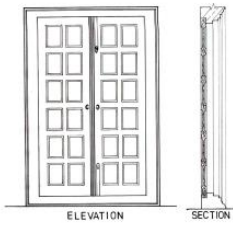
SOUTHWEST ELEVATION



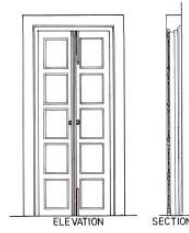
# ELEMENTS OF STYLE

## DOORS

DOUBLE SHUTTER



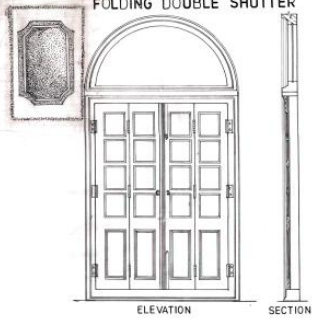
DOUBLE SHUTTER



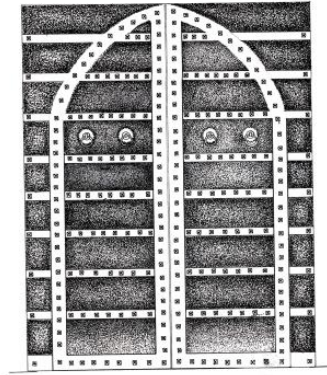
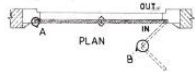
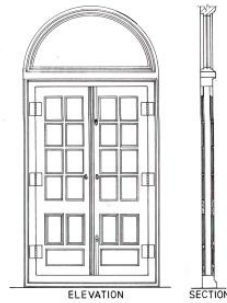
SKETCH SHOWING DOOR



FOLDING DOUBLE SHUTTER



DOUBLE SHUTTER



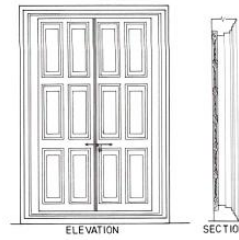
MAIN DOOR



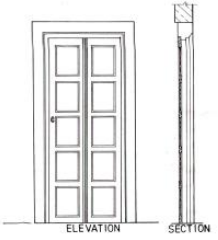
PANEL PATTERNS

## DOORS

DOUBLE SHUTTER



SINGLE SHUTTER



## HARDWARES

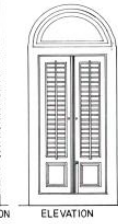
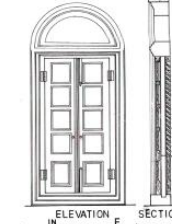


## WINDOWS

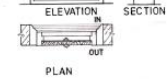
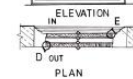
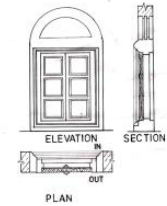
DOUBLE SHUTTER

WOODEN PANEL

WOODEN LOUVER

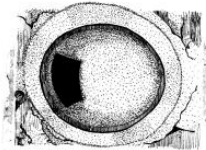
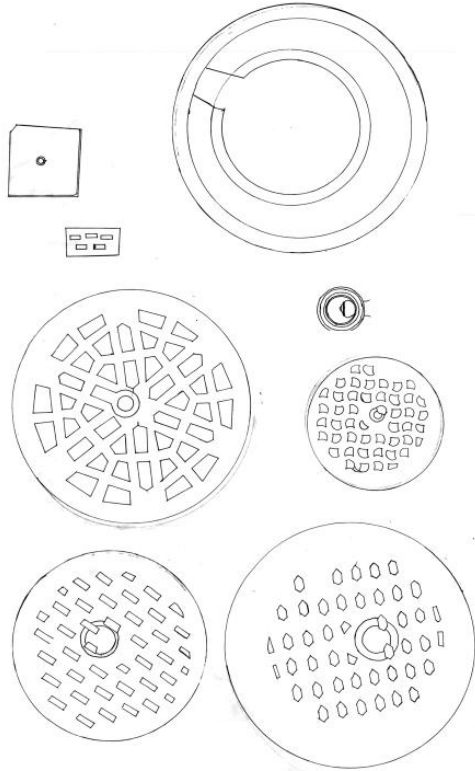


DOUBLE SHUTTER



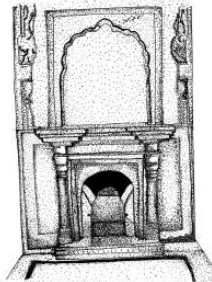
# SERVICES

## MANHOLES AND RINGS

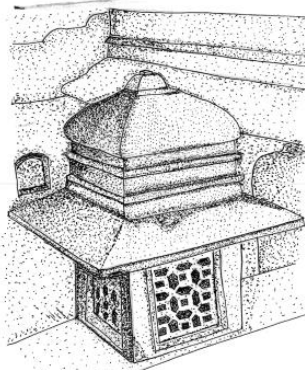


SKETCH SHOWING DRAIN

**MANHOLES** - BEAUTIFULLY CARVED COVERS CONSTRUCTED BY USING LIMESTONE AS MATERIAL ARE AN IMPORTANT PART OF NAHARGARH DEPICTING ITS BEAUTY IN ALL ASPECTS.



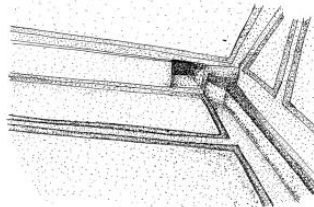
SKETCH SHOWING FIRE PLACE



SKETCH SHOWING CHIMNEY ON TERR

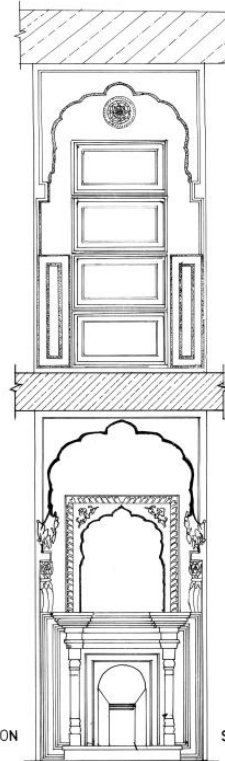


**RINGS** - BRIGHTLY MADE AND CARVED BY THE USE OF ALLOY (BRONZE & IRON) AS MATERIAL ARE AN IMPORTANT PART AS THEY ARE PLACED ON DECIPITIVE PLACES.

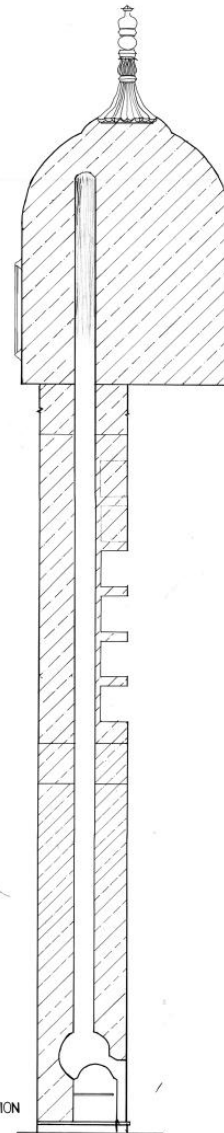


SKETCH SHOWING VENT IN KITCHEN

## FIREPLACE

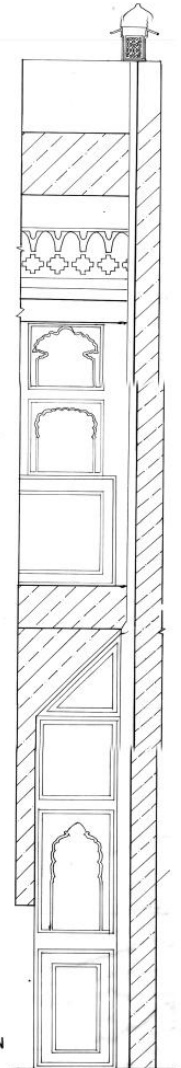


ELEVATION



SECTION

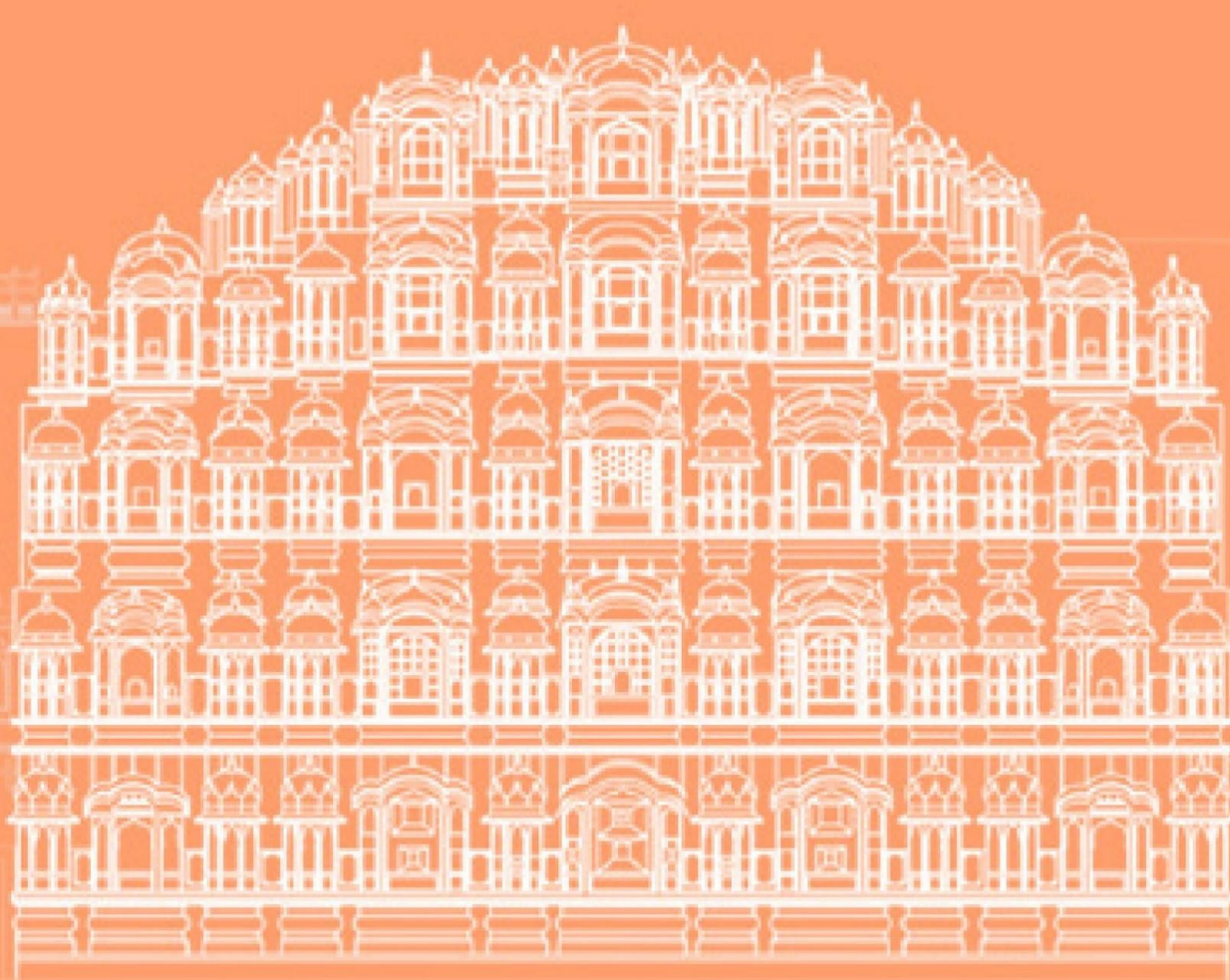
## CHIMNEY



SECTION



# HAWA MAHAL JAIPUR









# FOREWORD



*Rima Hooja*

**Rima Hooja**

(Ph.D)

Consultant Director,  
Maharaja Sawai Man  
Singh II Museum,  
The City Palace, Jaipur

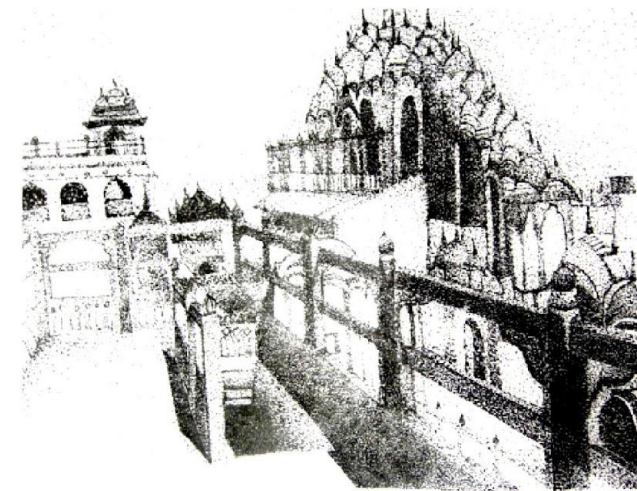
The iconic Hawa Mahal is one of the best-known structures of Jaipur—an 18th century city that is internationally famous and on which much has been written and researched almost from the time it was built some 292 years ago. It is also a city that has been inscribed as an UNESCO World Heritage Site in early July 2019.

Hawa Mahal owes its existence to Maharaja Sawai Pratap Singh (r. 1778-1803). A grandson of Jaipur's founder, Maharaja Sawai Jai Singh II, Sawai Pratap Singh commissioned structures like the Hawa Mahal, and a somewhat similar-looking façade-cum-entrance to the Pritam Niwas Chowk at the Sarvato Bhadra side of the City Palace, besides various other buildings like the Brij Behari, Anand Krishna Behari and Pratapeshwar temples. The Jaipur art atelier and its collection (the Surat-Khana), thrived in Maharaja Pratap Singh's reign, as talented Court artists like Sahib Ram, Lala, Triloka, Salig Ram, Govinda and Faizullah made paintings, murals, portraits and illustrated versions of the Geet-Govind, Ramayana and Mahabharata. Texts like Swara-Sagar, Raga-Sagar, Sangeet-Sagar etc. related to the performing arts were also prepared at the express wishes of Pratap Singh. He also encouraged the expansion of the 'Gunijan-khana' (the kingdom's department or unit concerned with music and the performing arts), and placed it under his own music teacher, Chand Khan. A devotee of Lord Krishna (Govind Dev-ji), Pratap Singh was a poet too and composed several volumes of devotional poetry using the pen-name of 'Brij Nidhi'. One popular version holds that he commissioned Usta Lalla-ji to make the Hawa Mahal like the Maharaja's vision of the crown of Lord Krishna. Sawai Pratap Singh died in August 1803 at the age of just 39, and one may only conjecture what other iconic structures may have been added to the city of Jaipur if he had lived longer!

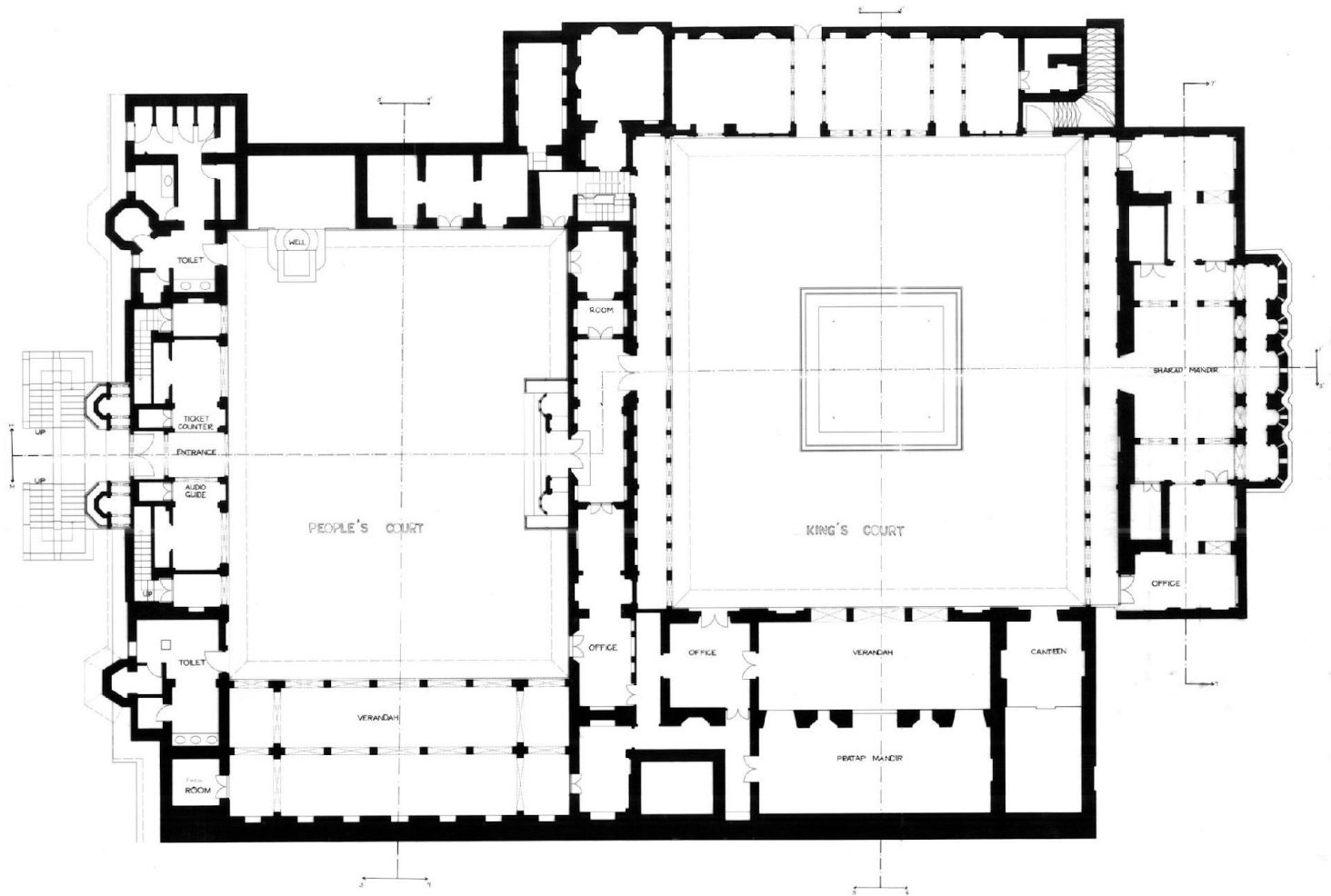
It is a long-held belief that various tunnels and passages connected different sections of the Jaipur City Palace complex, with some hidden passages connecting the former Zenana Mahal complex to the Hawa Mahal. It is only by detailed research and measured drawings that the finer points of buildings, and their successive layers etc. can be understood and resolved, and myths dispelled or established as facts! It is for this reason that measured drawings and good documentation cannot become dated.

As such, it is a pleasure to provide a Foreword to a Monograph on the measured drawings and documentation work pertaining to the Hawa Mahal. The Monograph provides us a brief history, drawings of floor plans, sections, and elevations, and information on construction techniques, structure and so forth, and is based on the work was carried out in 2009 by the Batch 10 Second year level (now third semester) students of, Aayojan School of Architecture as part of their learning process. The Glossary provided at the end of the Monograph will be useful for students and academics alike in matching information of terms described here with other structures in the Walled City of Jaipur and with other cities and areas.

Aayojan School of Architecture's objective of creating a heritage bank in order to increase awareness of Jaipur's built heritage is laudable. It is, indeed, something that ought to be carried out for small qasbas and towns too.

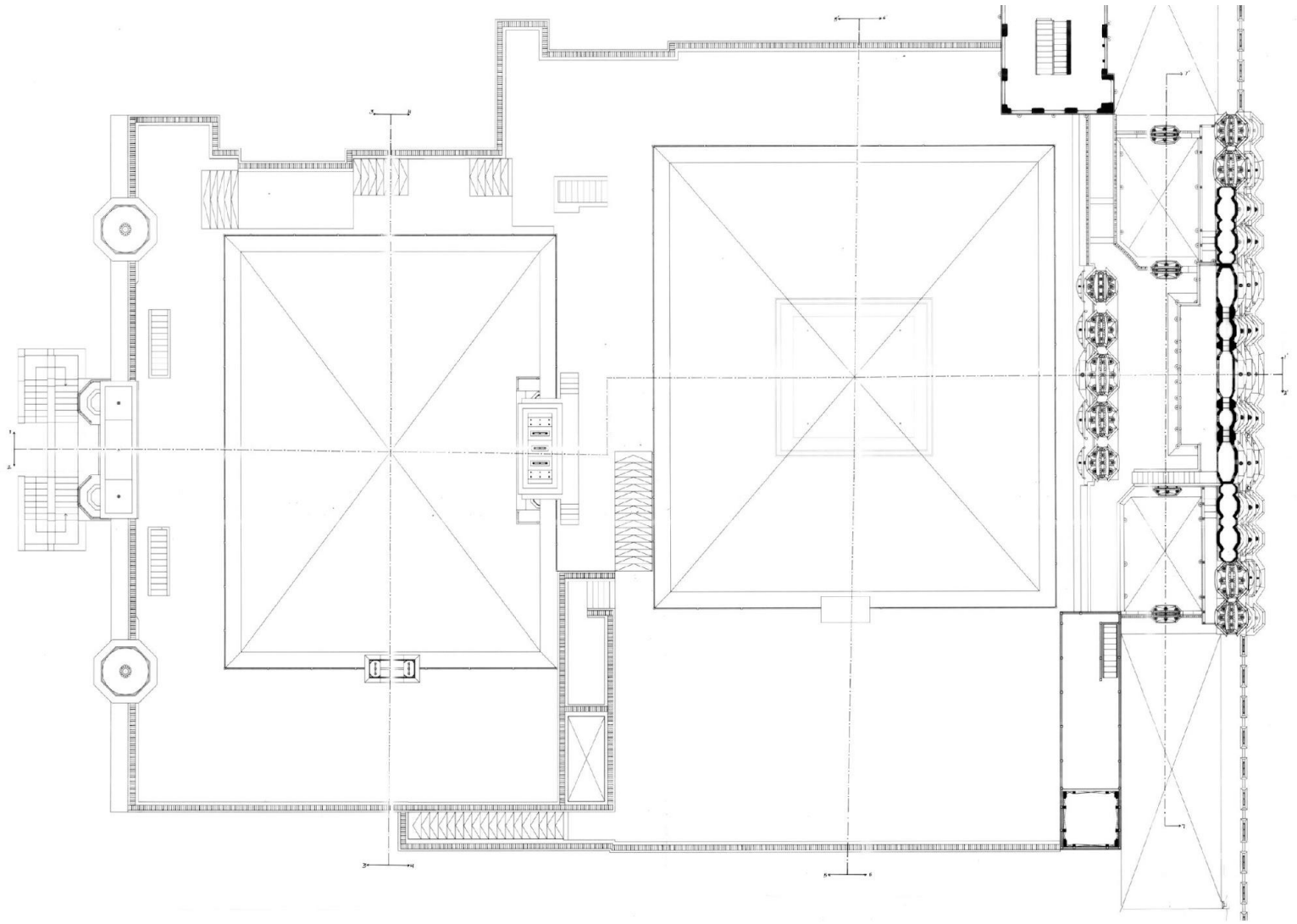






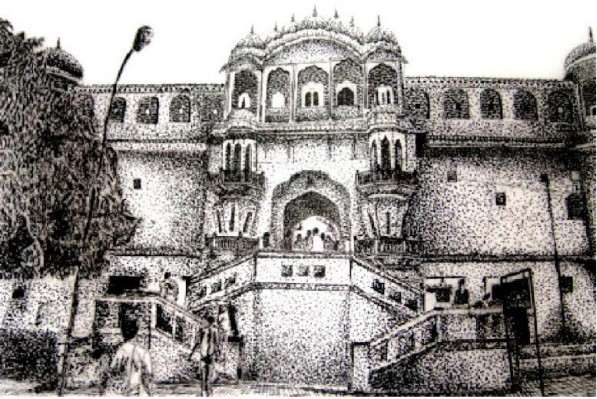
PLAN AT 1:1'  
GROUND FLOOR PLAN



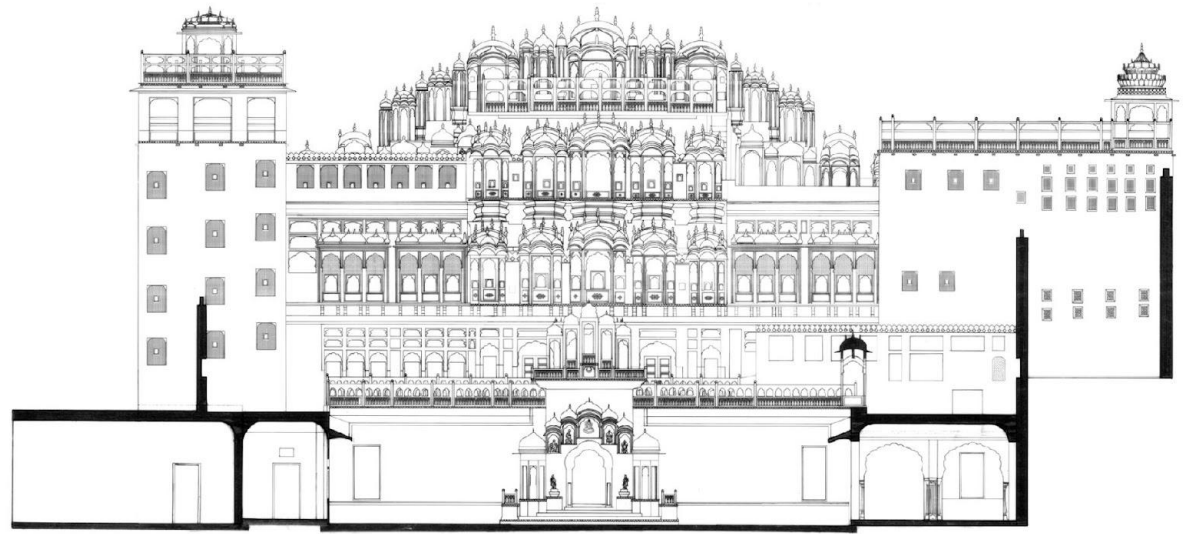


PLAN AT 5-5'  
FOURTH FLOOR PLAN

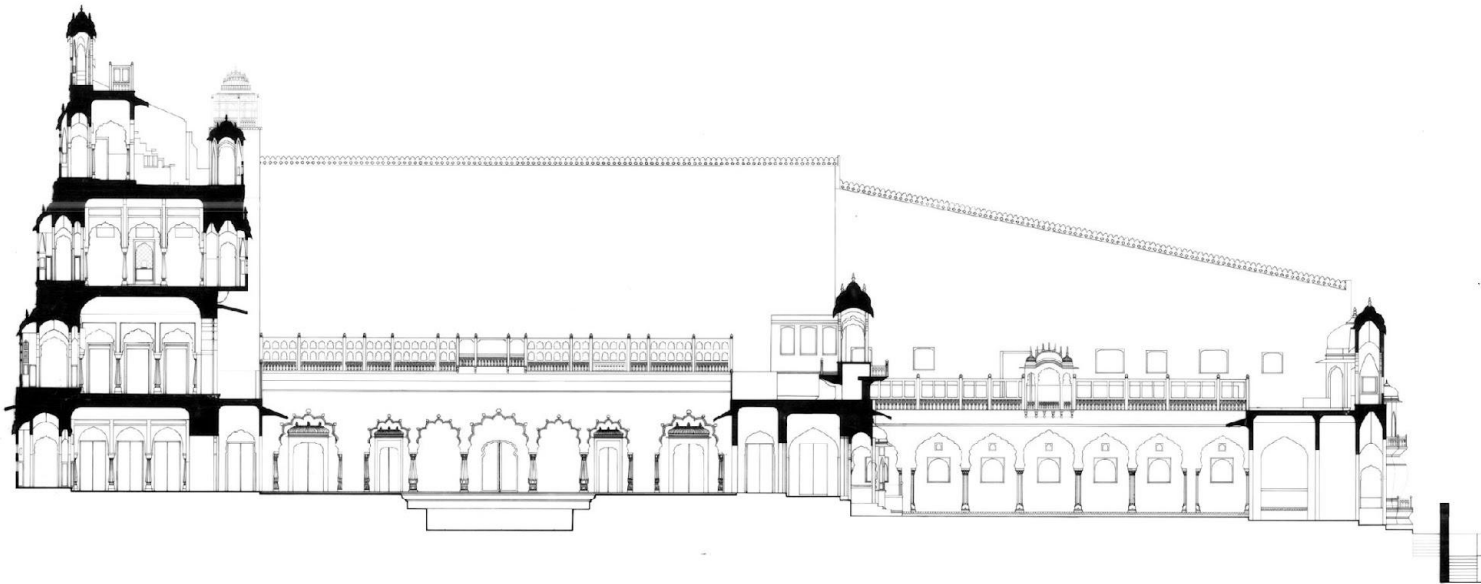




SKETCH SHOWING ENTRY TO PEOPLES COURT



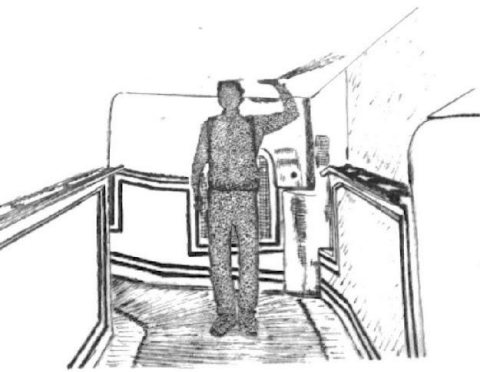
SECTION AT 44



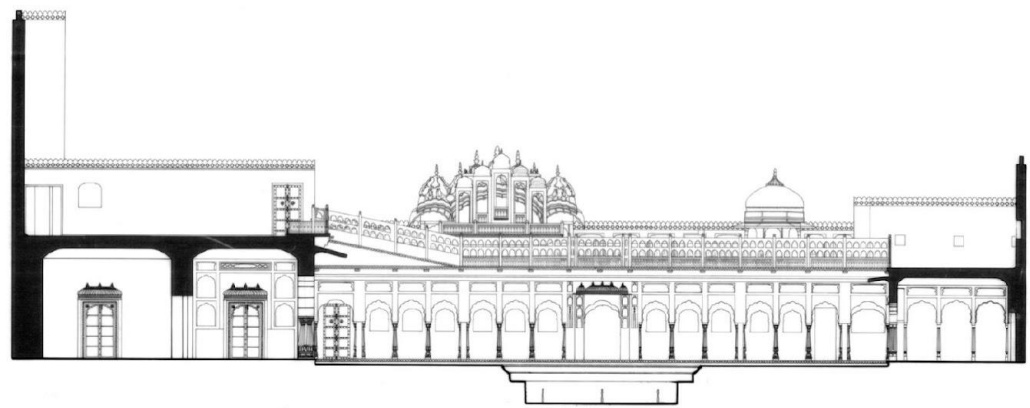
SECTION AT 22



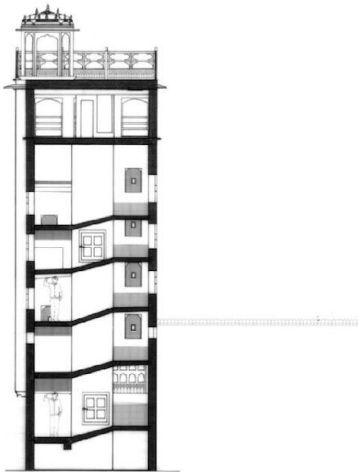




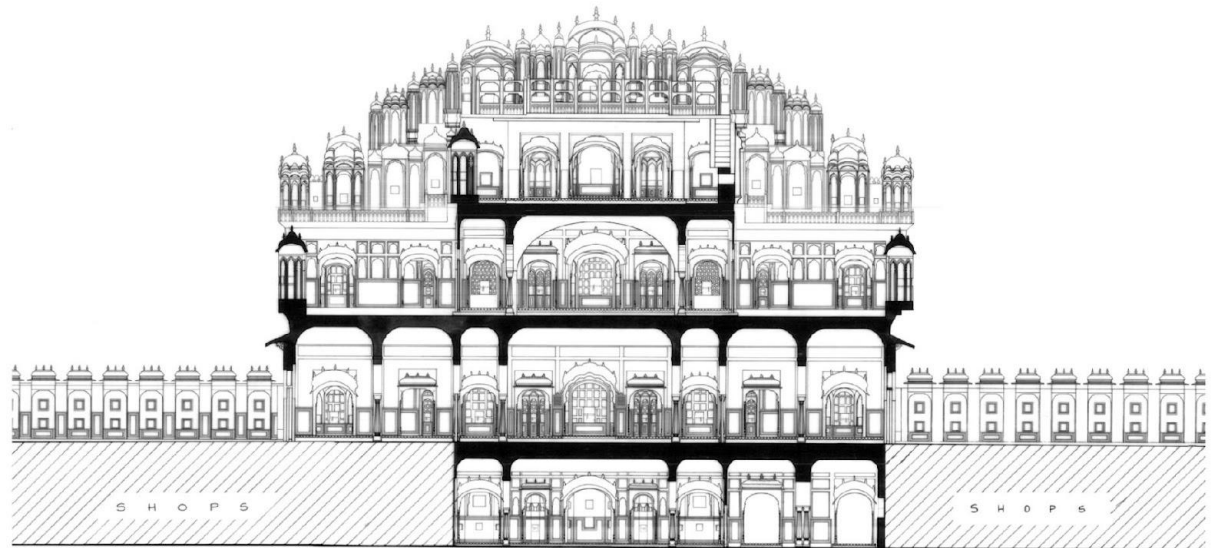
SKETCH SHOWING THE INSIDE VIEW OF RAMP



SECTION AT 55

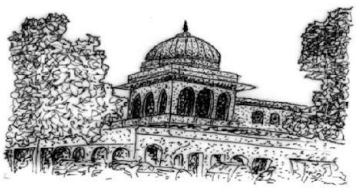


SECTION OF RAMP TOWER

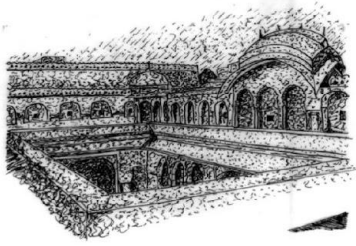


SECTION AT 77

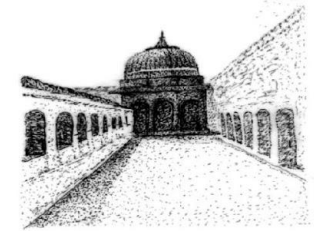




VIEW OF AYURVEDA BHAWAN FROM BADI CHAUPAR



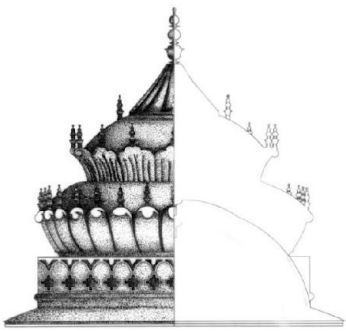
VIEW OF THE ENTRANCE DOMES AT THE AYURVEDA BHAWAN



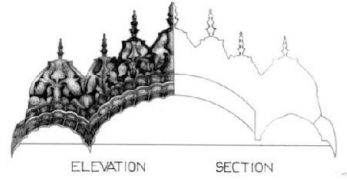
ONE POINT PERSPECTIVE OF DOME AT AYURVEDA BHAWAN



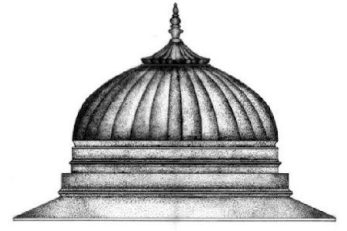
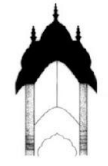
VIEW OF A DOME AT HAWA MANDIR



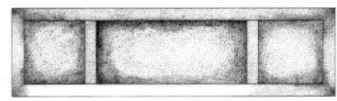
ELEVATION SECTION



ELEVATION SECTION

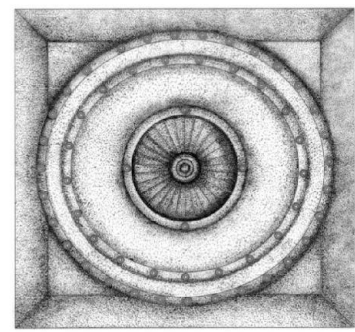


ELEVATION



INVERTED CEILING PLAN

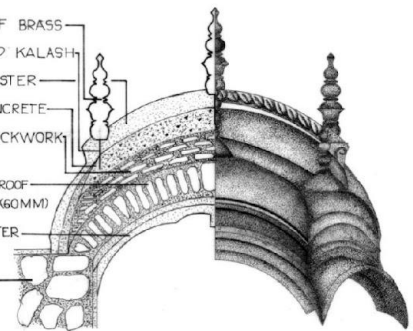
DOMES



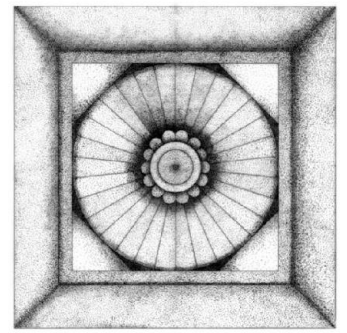
PLAN

DOMES AT VICHITRA MANDIR

- KALASH MADE OF BRASS
- IRON ROD TO BIND KALASH
- 60MM LIME PLASTER
- 300MM LIME CONCRETE
- 400MM THICK BRICKWORK
- 5-15MM VOSSIERS FORMING DOMICAL ROOF IN LIME PLASTER (60MM)
- 60 MM LIME PLASTER
- 50 200MM THICK STONES DONE IN COURSED RUBBLE MASONRY

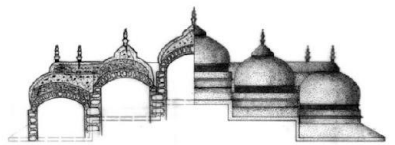


DETAILED SECTION ELEVATION



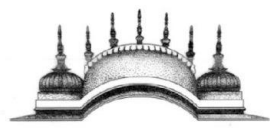
PLAN

DOMES AT COURT 1

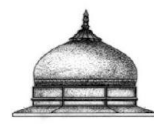


SECTION ELEVATION

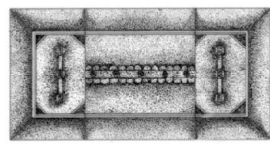
DOMES AT COURT 1



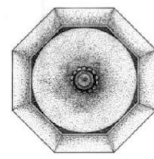
ELEVATION



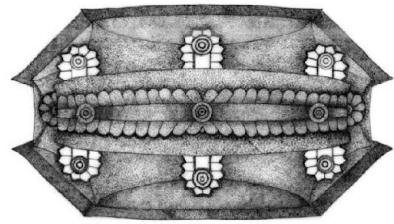
ELEVATION



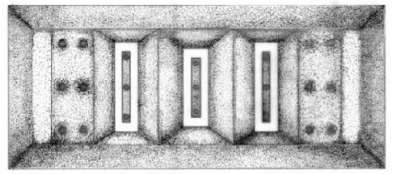
PLAN



PLAN

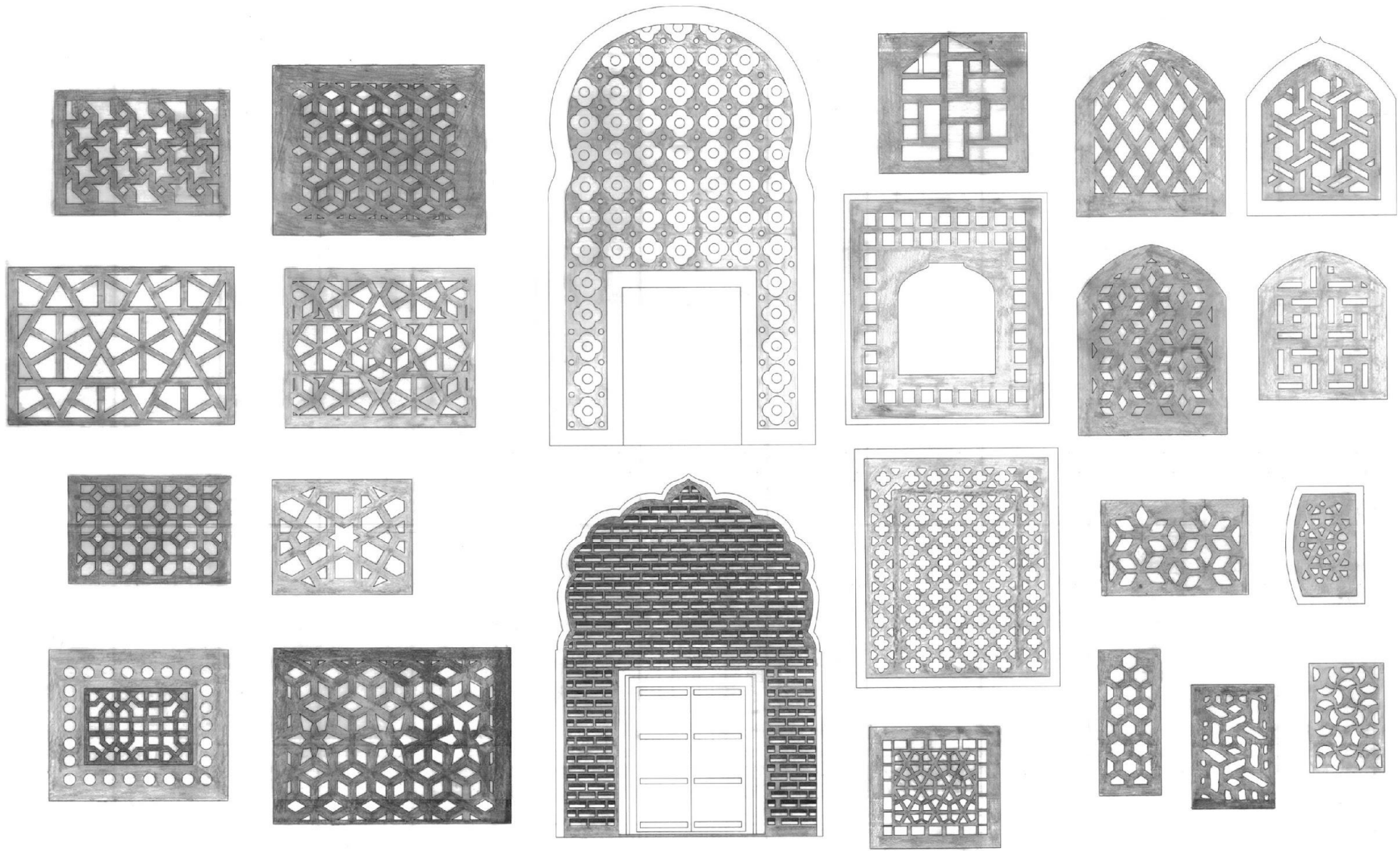


PLAN



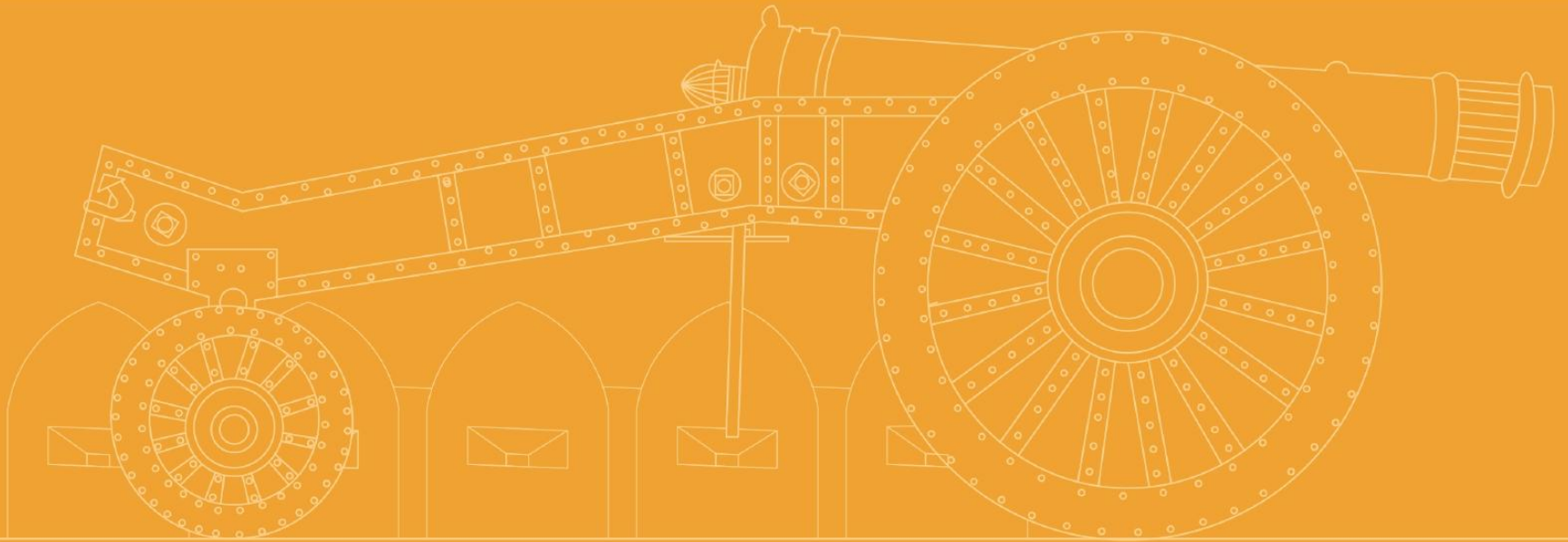
PLAN







# JAIGARH FORT JAIPUR



# FOREWORD

Aayojan School of Architecture was established at Jaipur in the year 1999 and at present it is a pioneer institute imparting architectural education in the state of Rajasthan. Jaipur being one of the first formerly planned cities in the country has a rich heritage of architectural masterpieces. Strong cultural ethos and hoary traditions of Jaipur that are steeped in history have to be respected, preserved and conserved.

Keeping the legacy in mind, the school organizes a measured drawing camp as per the University curriculum for the second year architecture students. A building or a precinct is selected from within or outside the city of Jaipur, but within the state having architectural, social, cultural, political or religious significance and value.

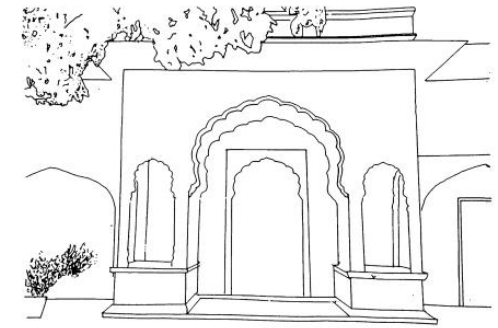
We are indeed fortunate in having such a rich heritage and our response is to increase awareness of our built heritage by creating a heritage bank. The purpose of this bank is to create a document for each building or precinct in the form of a monograph, consisting of its brief history, drawings such as floor plans, sections, elevations, and details such as construction techniques, structure, services and sketches for future use.

This document is the first in the series of monographs that the school is planning to publish in its efforts to disseminate knowledge and promote the architectural heritage of Rajasthan. If we can all learn from the example shared here, we may perhaps understand the lively tradition and positive spirit of the true architectural heritage more closely and wisely.

Documentation is the means by which we learn the traditions of the past to light our path. It is our commitment not to the past but to our future.

**Prof. Archana S.Rathore**

Documentation In-Charge  
Aayojan School of Architecture,  
Jaipur





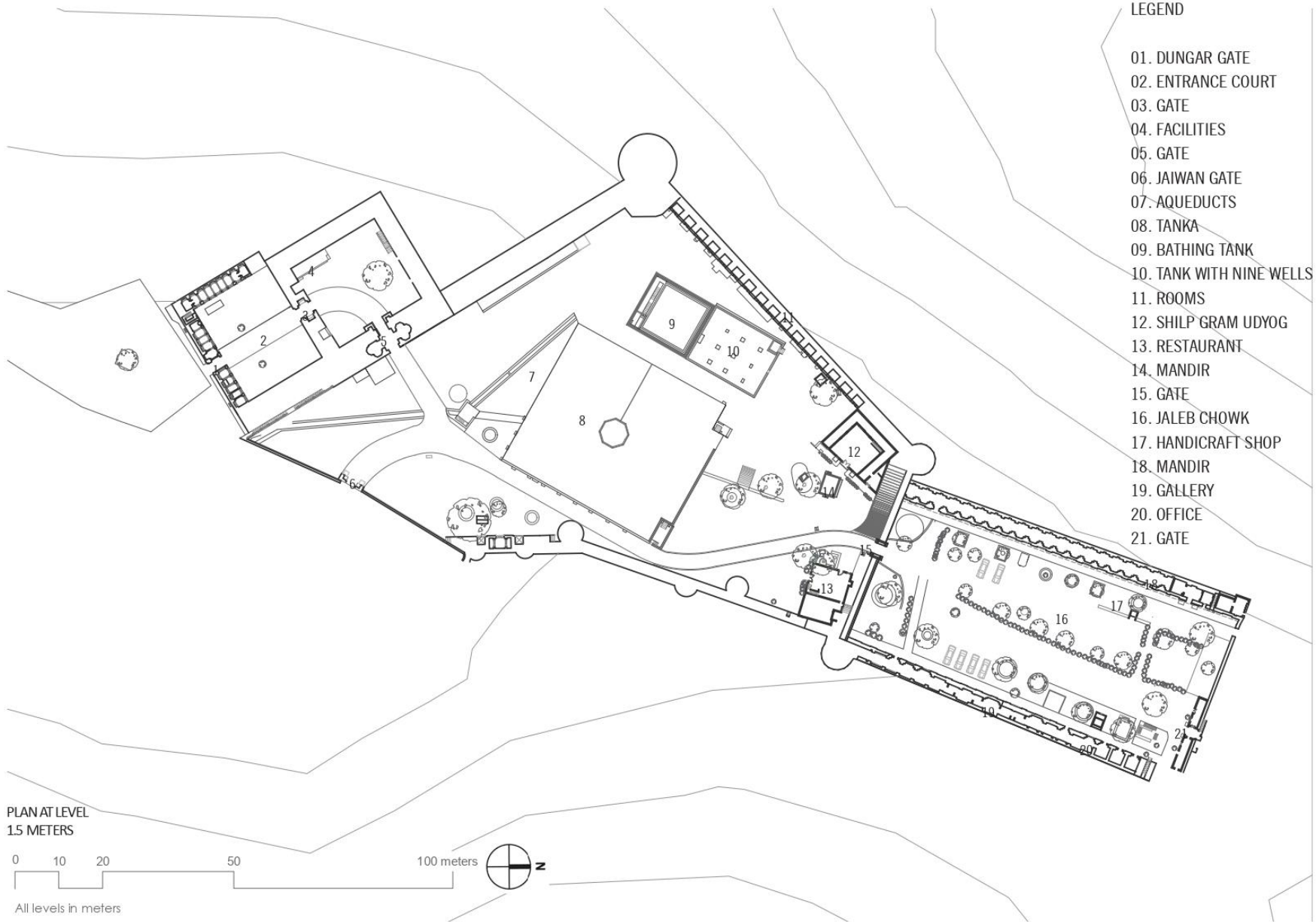
**LEGEND :**

- Zone 1 - Entrance, Tanka and Jaleb Chowk
- Zone 2 - Subhat Niwas, Khilbati Niwas, Palace complex, Cannon Foundry and Aarambagh
- Zone 3 - Vijaygarhi, Jaivana and open Tanka

Man Singh-I started the construction of this fort which was completed by Mirza Raja Jai Singh I, after whom it has been named Jaigarh. In state times, the fort was looked after by qiledars (or gaurds). They were trusted jagirdars of the Kachhawaha clan.







LEGEND

- 01. DUNGAR GATE
- 02. ENTRANCE COURT
- 03. GATE
- 04. FACILITIES
- 05. GATE
- 06. JAIWAN GATE
- 07. AQUEDUCTS
- 08. TANKA
- 09. BATHING TANK
- 10. TANK WITH NINE WELLS
- 11. ROOMS
- 12. SHILP GRAM UDYOG
- 13. RESTAURANT
- 14. MANDIR
- 15. GATE
- 16. JALEB CHOWK
- 17. HANDICRAFT SHOP
- 18. MANDIR
- 19. GALLERY
- 20. OFFICE
- 21. GATE

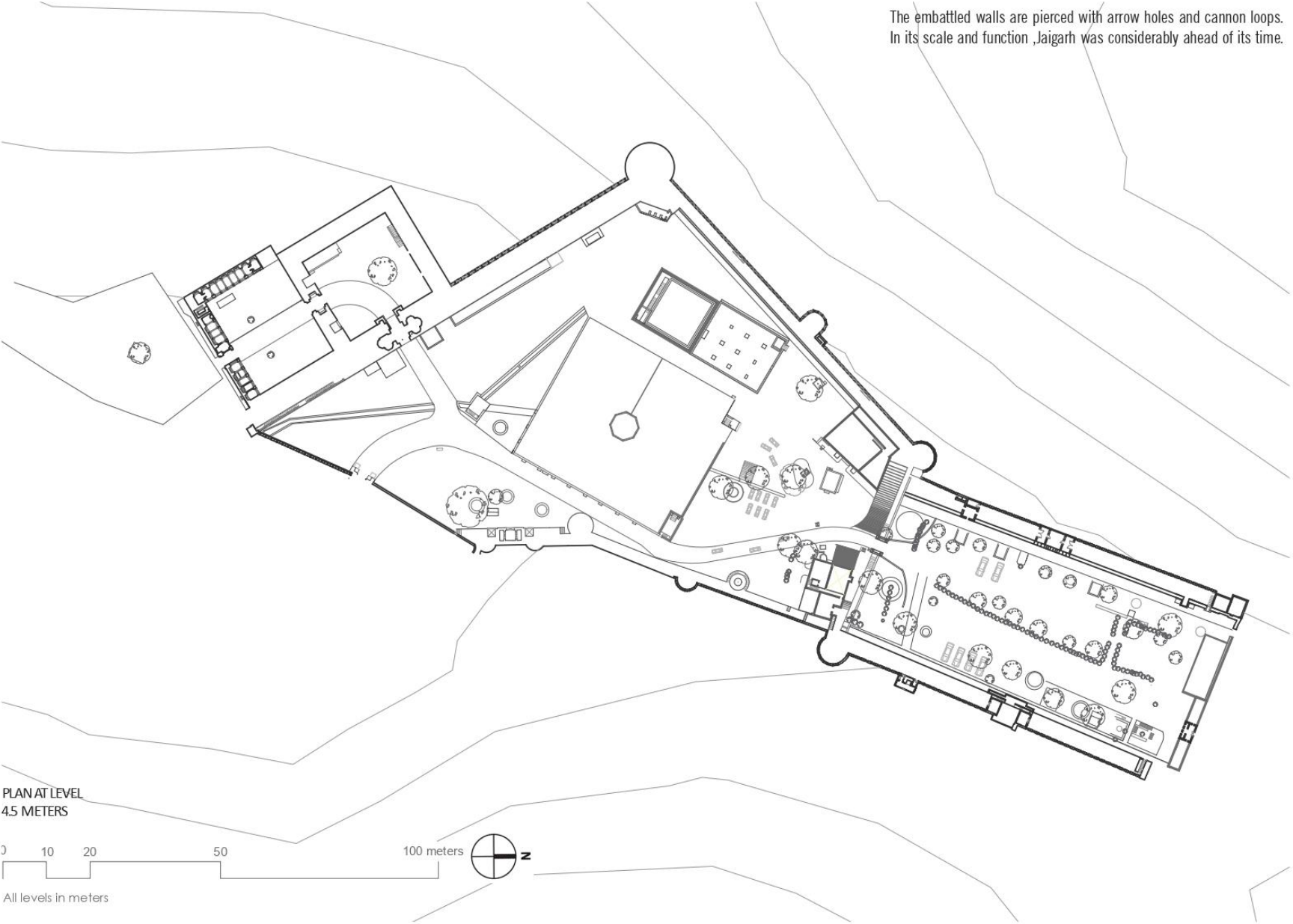
PLAN AT LEVEL  
15 METERS



All levels in meters



The embattled walls are pierced with arrow holes and cannon loops. In its scale and function, Jaigarh was considerably ahead of its time.



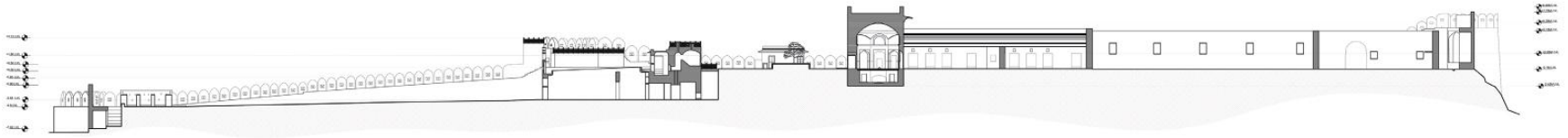
PLAN AT LEVEL  
4.5 METERS



All levels in meters







SECTION DD'



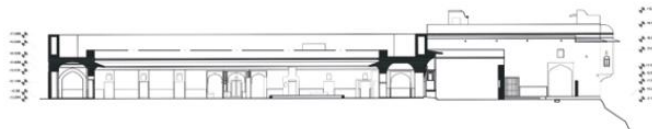
SECTION HH'



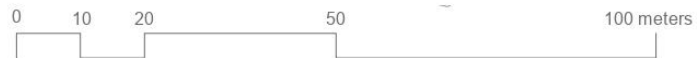
SECTION NN'

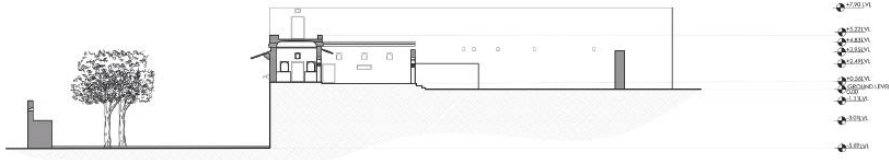


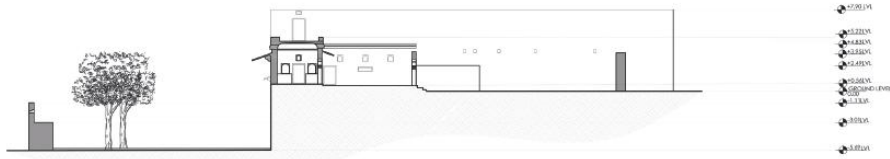
SECTION CC'



SECTION FF'



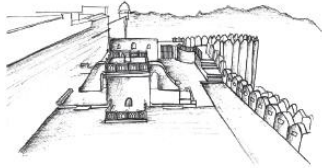
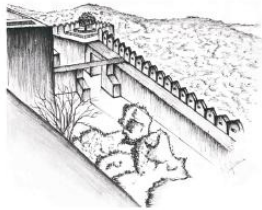




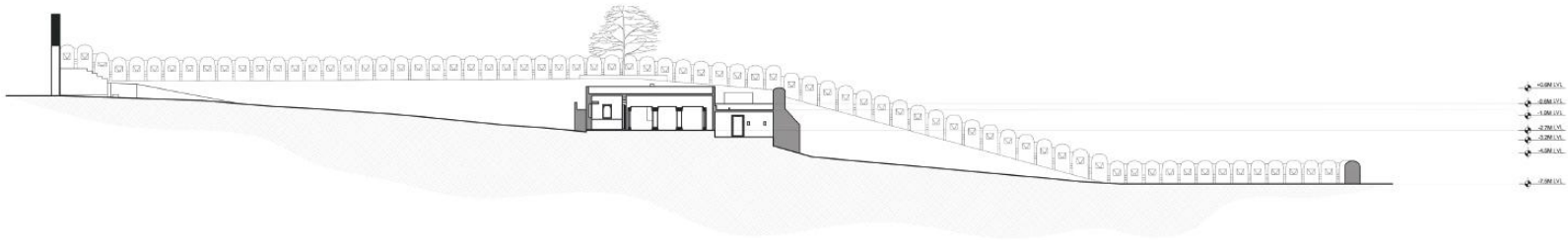
SECTION KK'



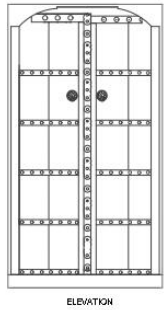
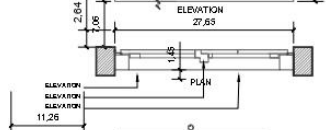
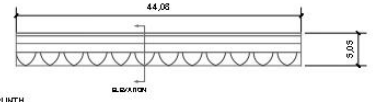
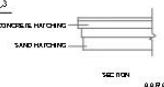
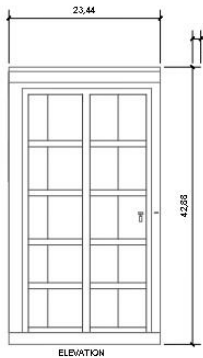
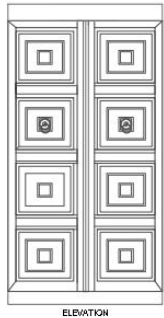
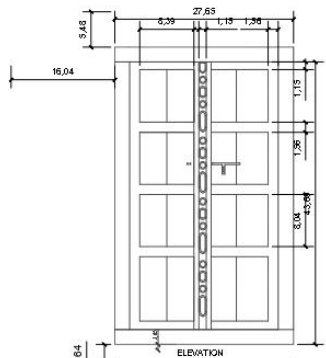
SECTION MM'



SECTION LL'







SECTION

AARAM MAHAL PLINTH

ELEVATION

SECTION

SECTION

CHATTRI PLINTH

ELEVATION

SECTION

D AARAM MAHAL PLINTH

ELEVATION

SECTION

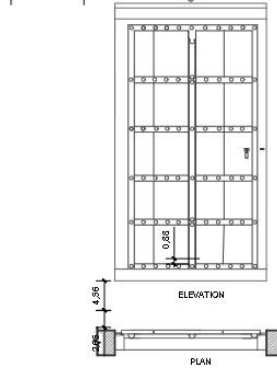
E PLINTH

ELEVATION

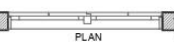
SECTION

CHATTRI PLINTH

ELEVATION

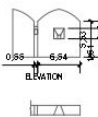
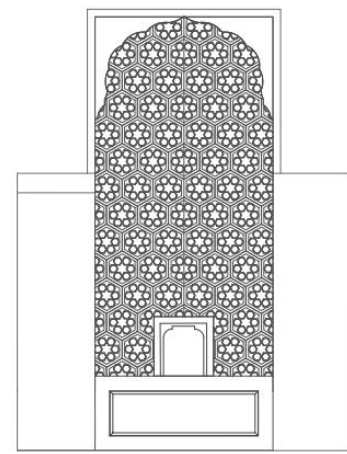
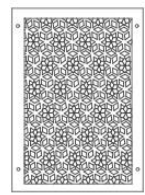
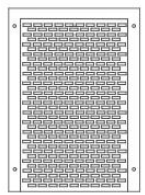
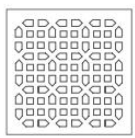
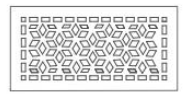
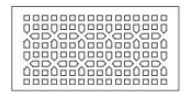


SECTION



SECTION

ELEVATION



SECTION

SECTION



SECTION EP



SECTION DP



SECTION



SECTION



SECTION AA'



SECTION BB'



SECTION BB'



SECTION BB'



SECTION BB'



SECTION BB'



SECTION BB'

PLAN 1

PLAN 1

PLAN 1

PLAN 1

PLAN 1

PLAN 1

PLAN 1

PLAN 1

PLAN 1

PLAN 1

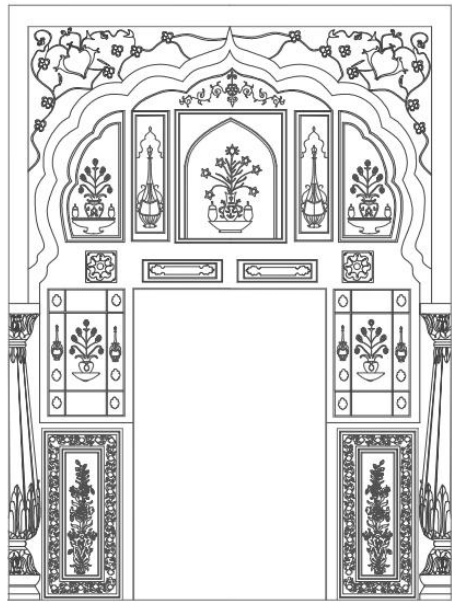
PLAN 1

PLAN 1

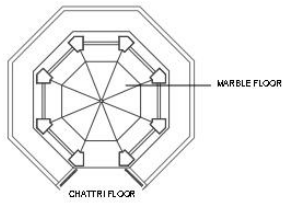
PLAN 1

PLAN 1





ARISH WORK AT PAVILION



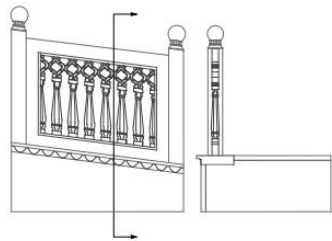
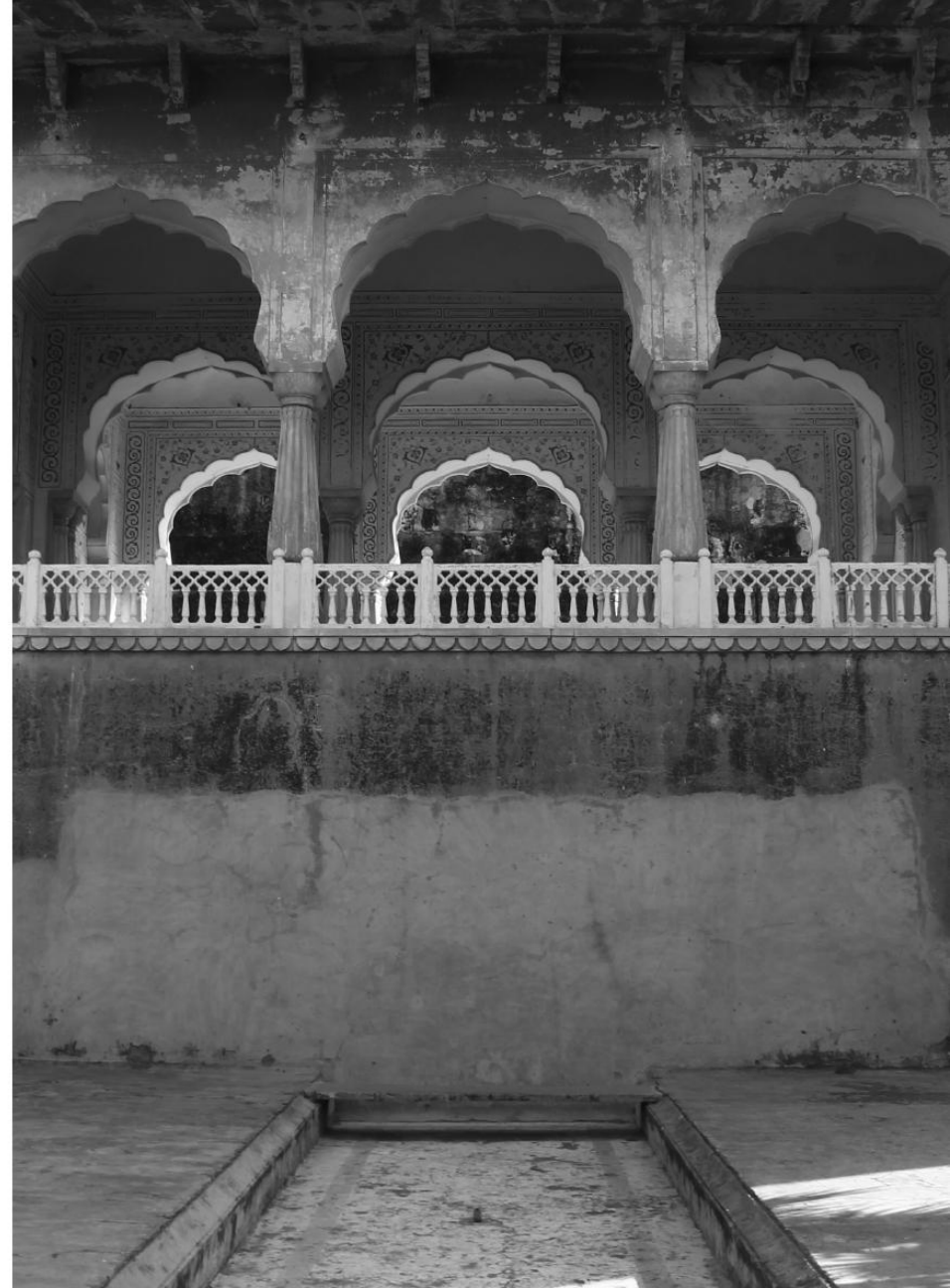
CHATTRI FLOOR



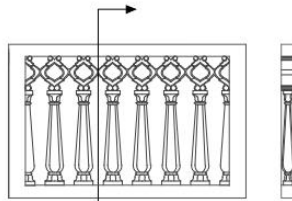
PAVILION FLOOR PATTERN



ASHOKAPILLAR FLOOR PATTERN



RAMPING DETAIL



CHATTRI RAILING



SECTION

ELEVATION

ASHOKAPILLAR PLINTH



Chattri Plinth

LEGEND

- 6. Gate
- 41. Armoury
- 42. Vijaygarhi
- 43. Guard rooms
- 44. Platform
- 45. Diya Burj
- 46. Gate
- 47. Armoury storage
- 48. Unfinished Tank
- 49. Temple (Mehendipur Balaji)
- 50. Channel

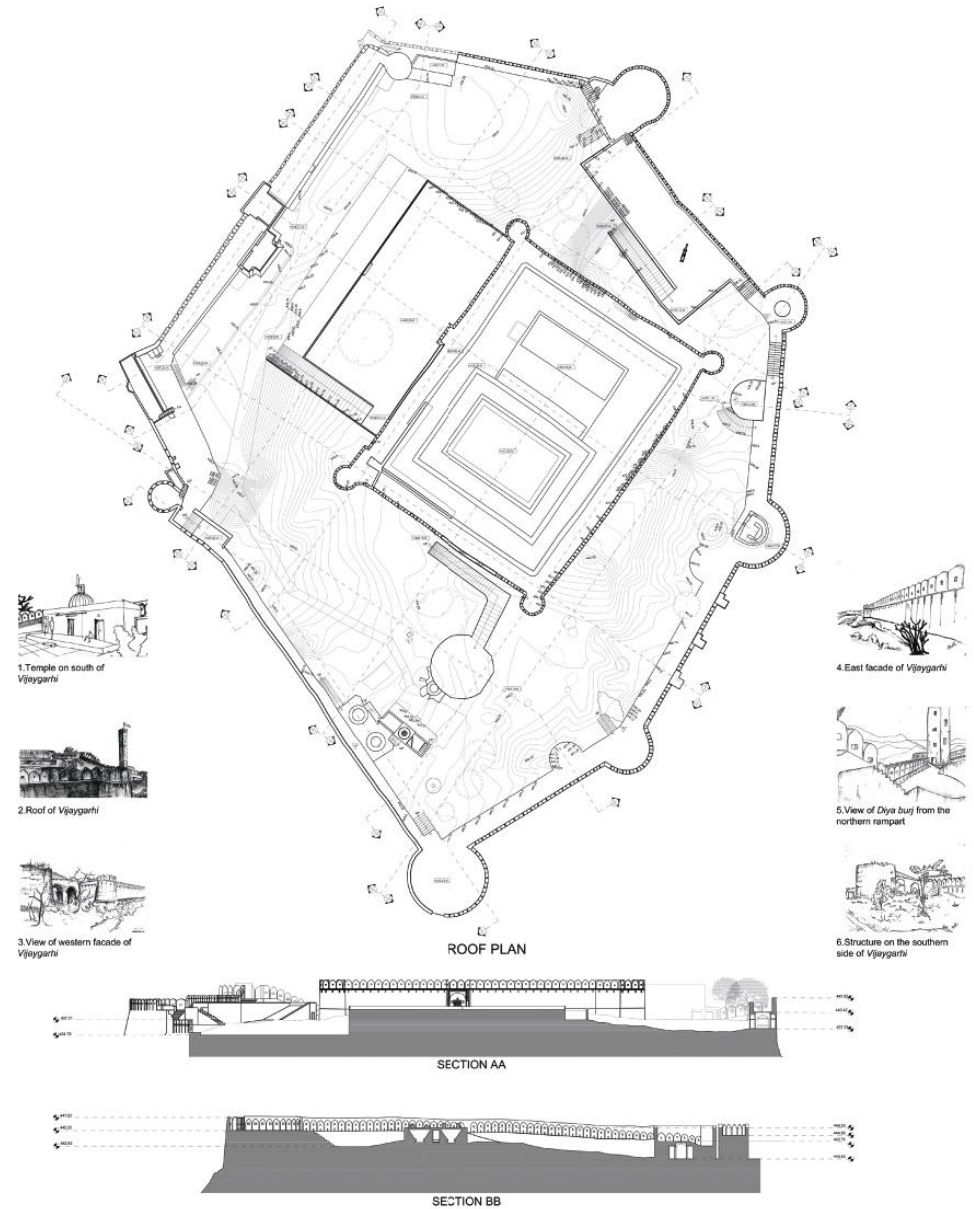


PLAN AT LEVEL  
+2 METERS



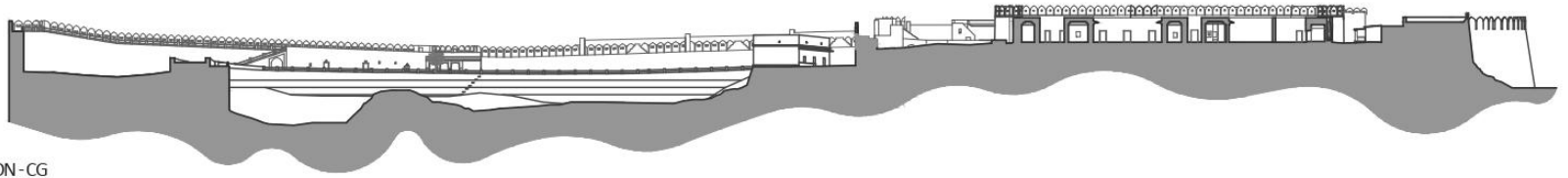


The core of Jaigarh is Vijaygarhi, the fort's foundry. The Mughals and the Rajputs depended on this foundry for their armour. The highest point in Jaigarh is the seven-storey Diya Burj, a turret of lamps designed, possibly as a beacon. The 10th century Shri ram Hari Temple houses icons of three gods-rama, Vishnu and Shiva, and nearby is the 12th century Kal Bhairava Temple.

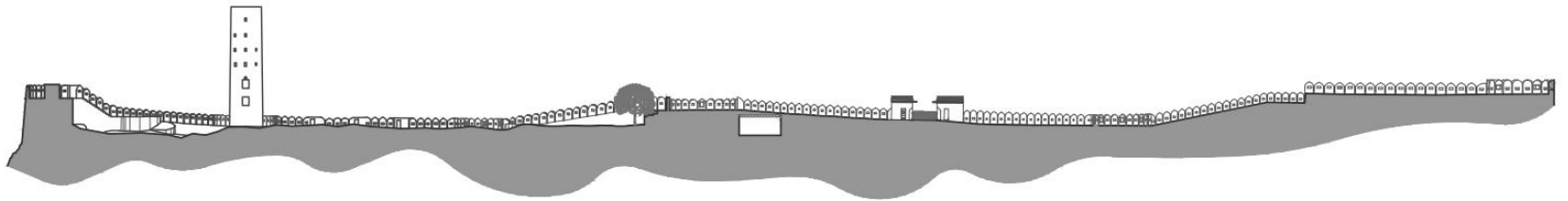


PLAN AT LEVEL  
1.5 METERS  
VIJAYGARHI

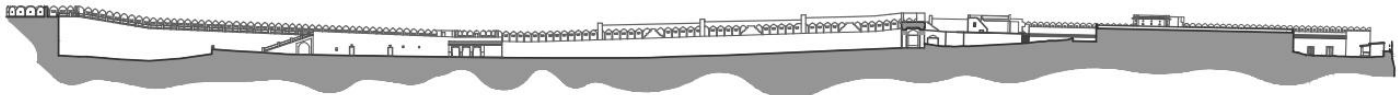




SECTION - CG

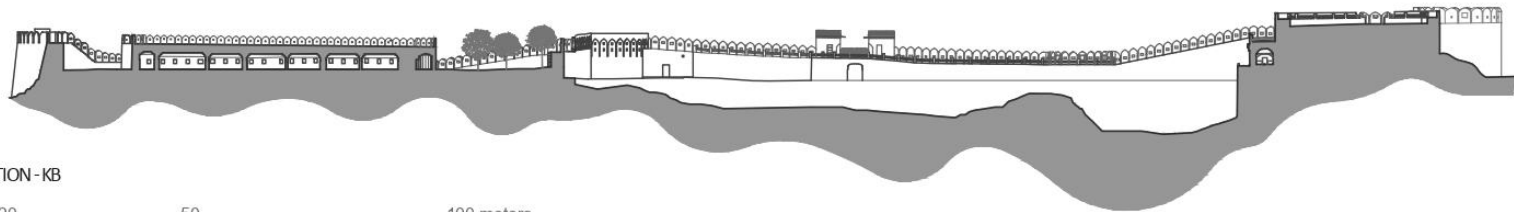


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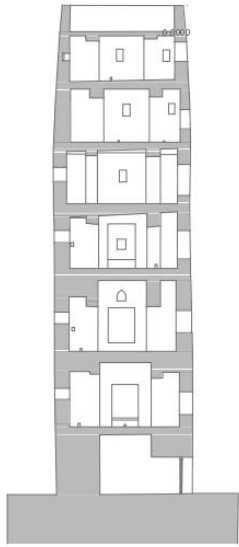
SECTION - DP

SECTION PP

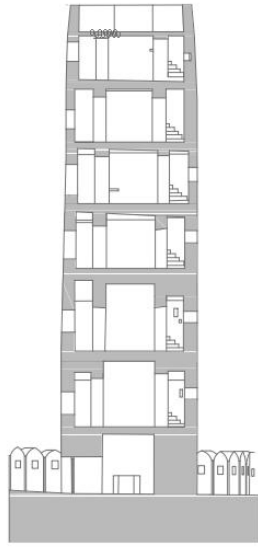


SECTION - KB





SECTION YY



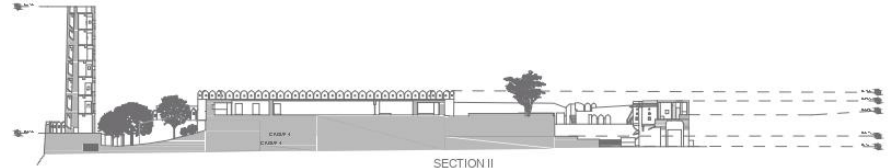
SECTION XX



SECTION GG



SECTION HH



SECTION II



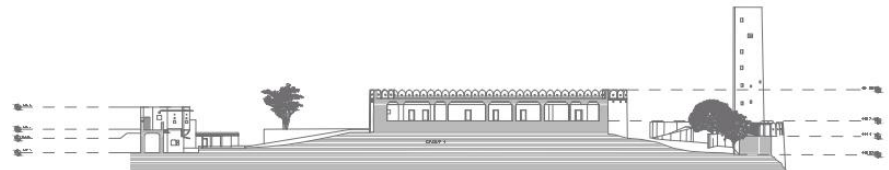
SECTION JJ



SECTION KK

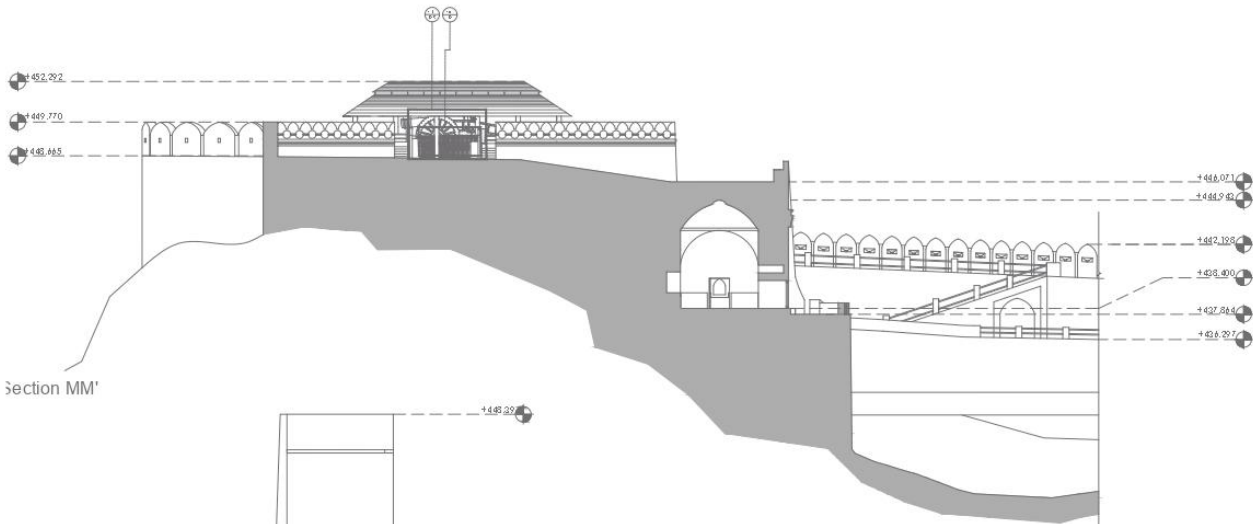


SECTION LL

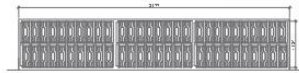


SECTION MM

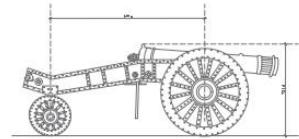




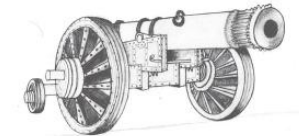
Section MM'



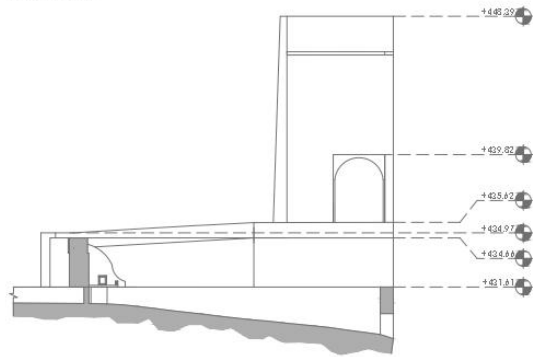
Detail 10 - Roofing | Scale: 1:50



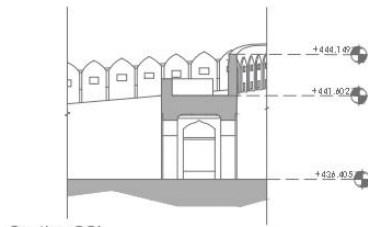
Detail 11 - Jaivana (Carton) | Scale: 1:50



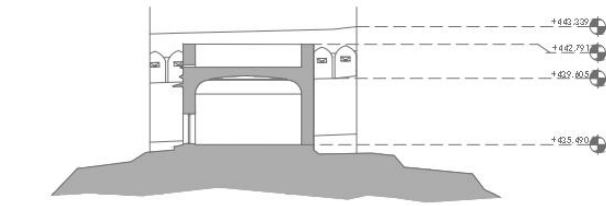
Sketch 12 - Jaivana (carton)



Section TT'



Section SS'



Section QQ'



CHOOD SINGH KI HAVELI  
AMBER

MADHAVENDRA PALACE  
NAHARGARH

**COPIES OF THE MONOGRAPHS ARE  
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