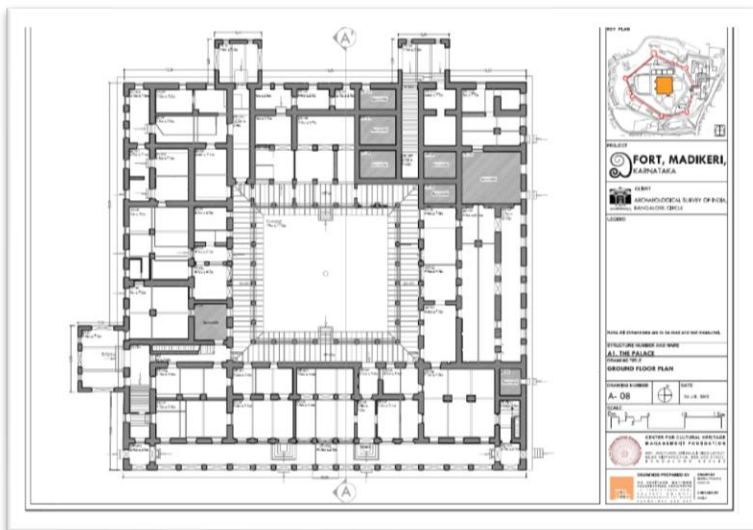




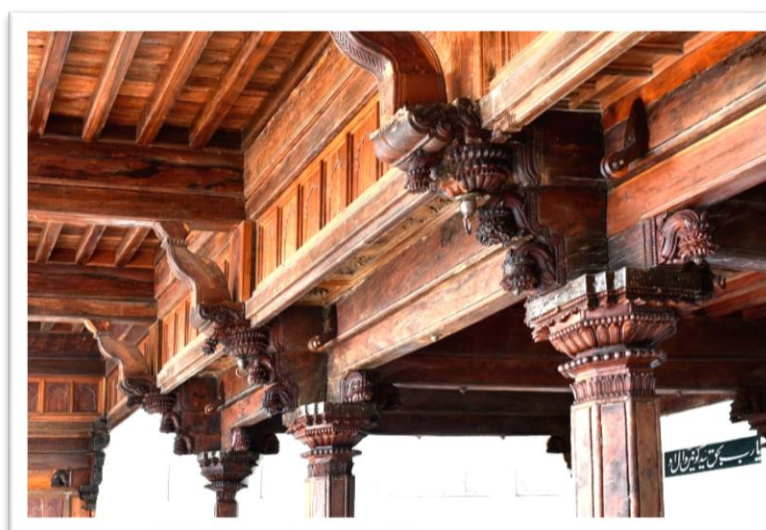
# Conservation Portfolio





### Conservation Studies

(Concepts, Project preparation, project management, Research and Documentation)



### Conservation of Ornamentation

(Wood and Stone sculptures, Stained glass, Art Plaster )



### Structural Conservation

(Restoration and repair for historic buildings using traditional skills and techniques)

# Consultancy Services



### Maintenance and Services retrofit

(Rehabilitation, Adaptive re-use and upgradation of Historic buildings, Interpretation)



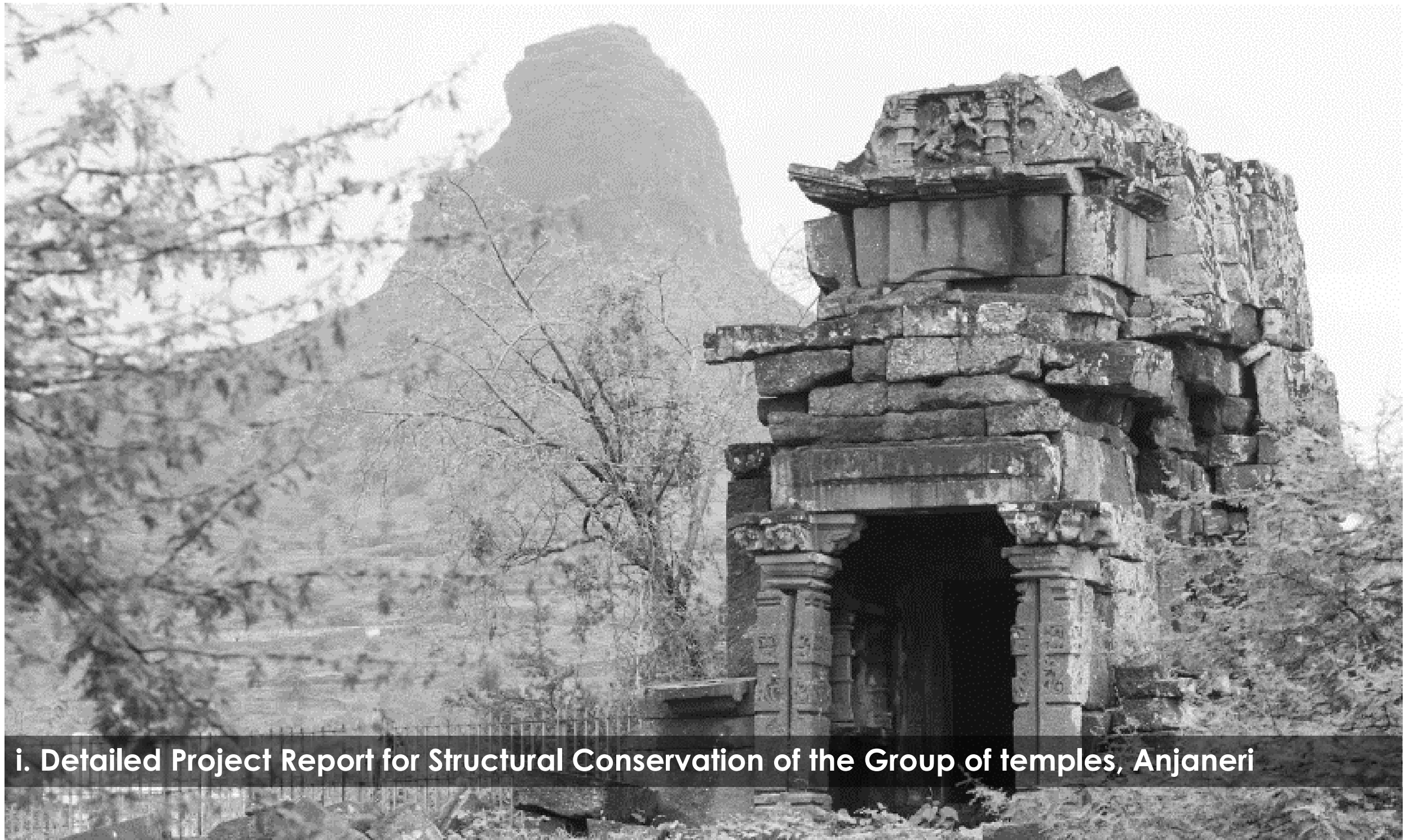
### Museum and Interpretation center

(Design and development of Site Museums, Restoration and refurbishing spaces)



### Conservation Planning

(Integrated management plans, Visitor amenities and infrastructure development)



## i. Detailed Project Report for Structural Conservation of the Group of temples, Anjaneri

**Client:** Archaeological Survey of India, Aurangabad circle

**Timeline:** Feb 2017- August 2017

**Number of temples:** 14

**Age:** 900 year old temples

**Predominant building materials:** Stone (basalt)

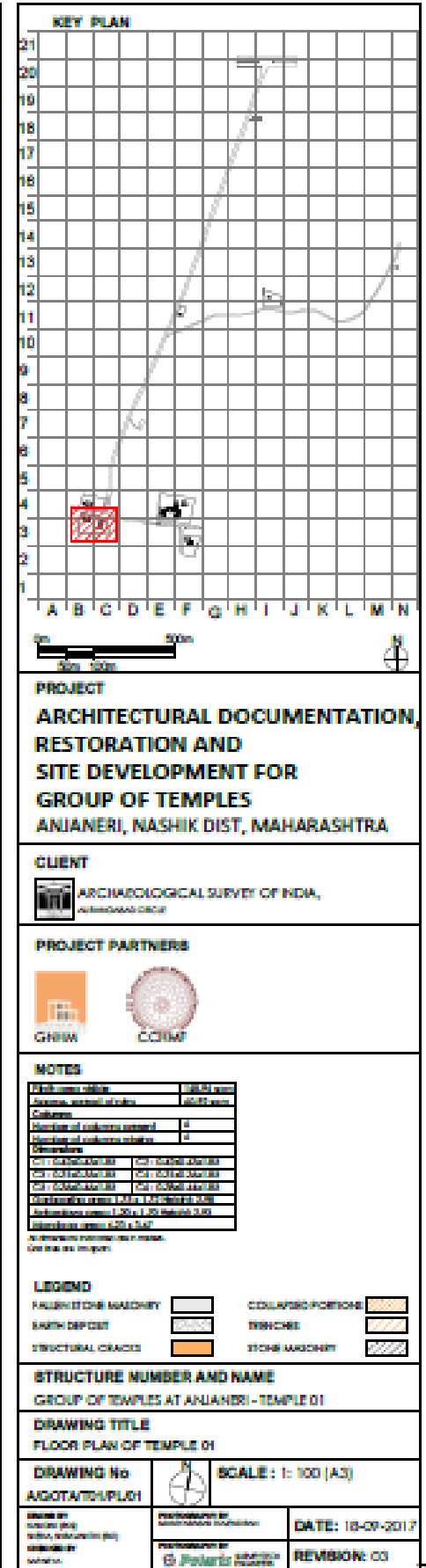
**Specific areas for which consultancy provided:** Architectural documentation, Condition analysis, Recommendations for Structural conservation, Estimates, Visitor amenities, Restoration and interpretation plan, design and development of a new interpretation centre.



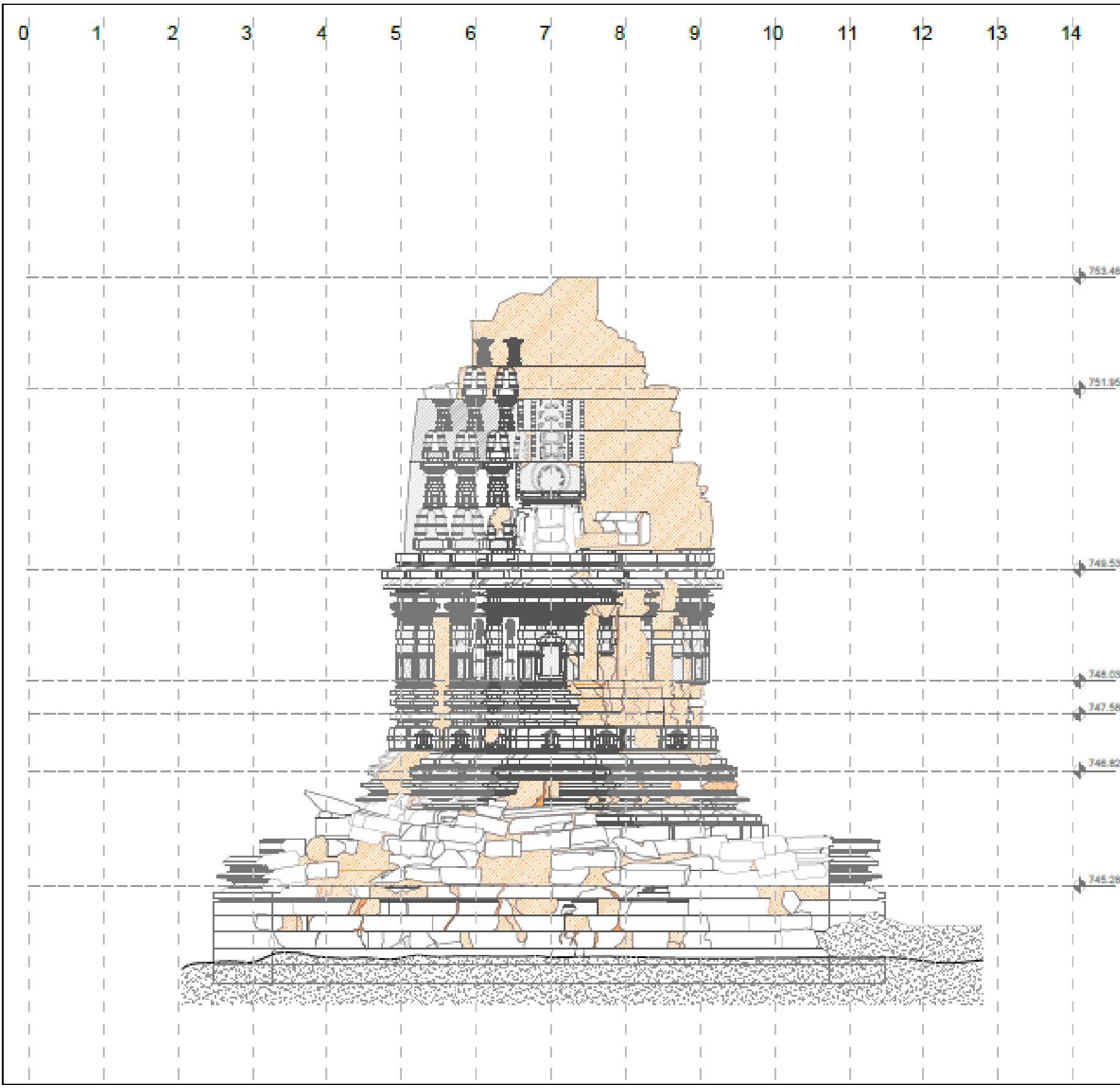


Aerial view of temples 01, 02









**KEY PLAN**

**PROJECT**

**ARCHITECTURAL DOCUMENTATION, RESTORATION AND SITE DEVELOPMENT FOR GROUP OF TEMPLES ANJANERI, NASHIK DIST, MAHARASHTRA**

**CLIENT**

**ARCHAEOLOGICAL SURVEY OF INDIA, ANURAGADIGRAH**

**PROJECT PARTNERS**

**NOTES**

Plan area: 148.74 sqm  
Approximate spread of ruins: 60.72 sqm  
All dimensions indicated are in meters.  
Grid lines are 1m apart.

**LEGEND**

Earth Deposit		Orientation	
Structural Cracks			
Colored Portions			

**STRUCTURE NUMBER AND NAME**

**GROUP OF TEMPLES AT ANJANERI - TEMPLE 01**

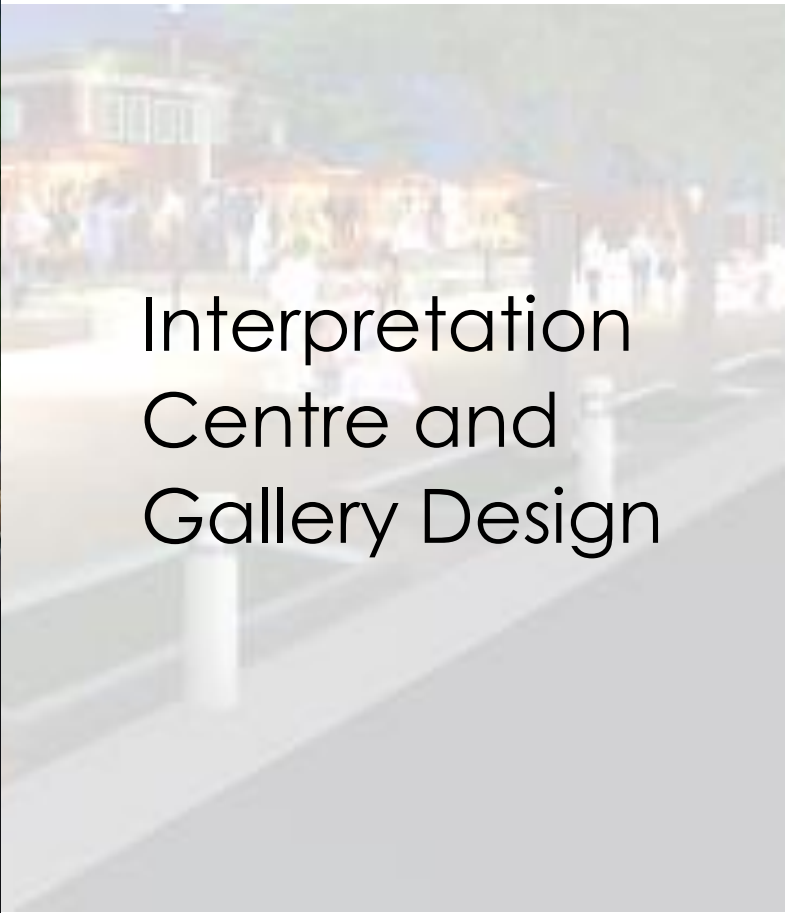
**DRAWING TITLE**

**SOUTH ELEVATION FOR TEMPLE 01**

<b>DRAWING No</b>	<b>SCALE : 1: 100 (A3)</b>
A/GGDA/T01/EL/03	

<b>DESIGNED BY</b> Sudhakar (ps) Sudhakar (ps) Sudhakar	<b>APPROVED BY</b> Sudhakar (ps) Sudhakar (ps) Sudhakar	<b>DATE:</b> 10-09-2017
	<b>REVISION:</b> 03	





Interpretation  
Centre and  
Gallery Design





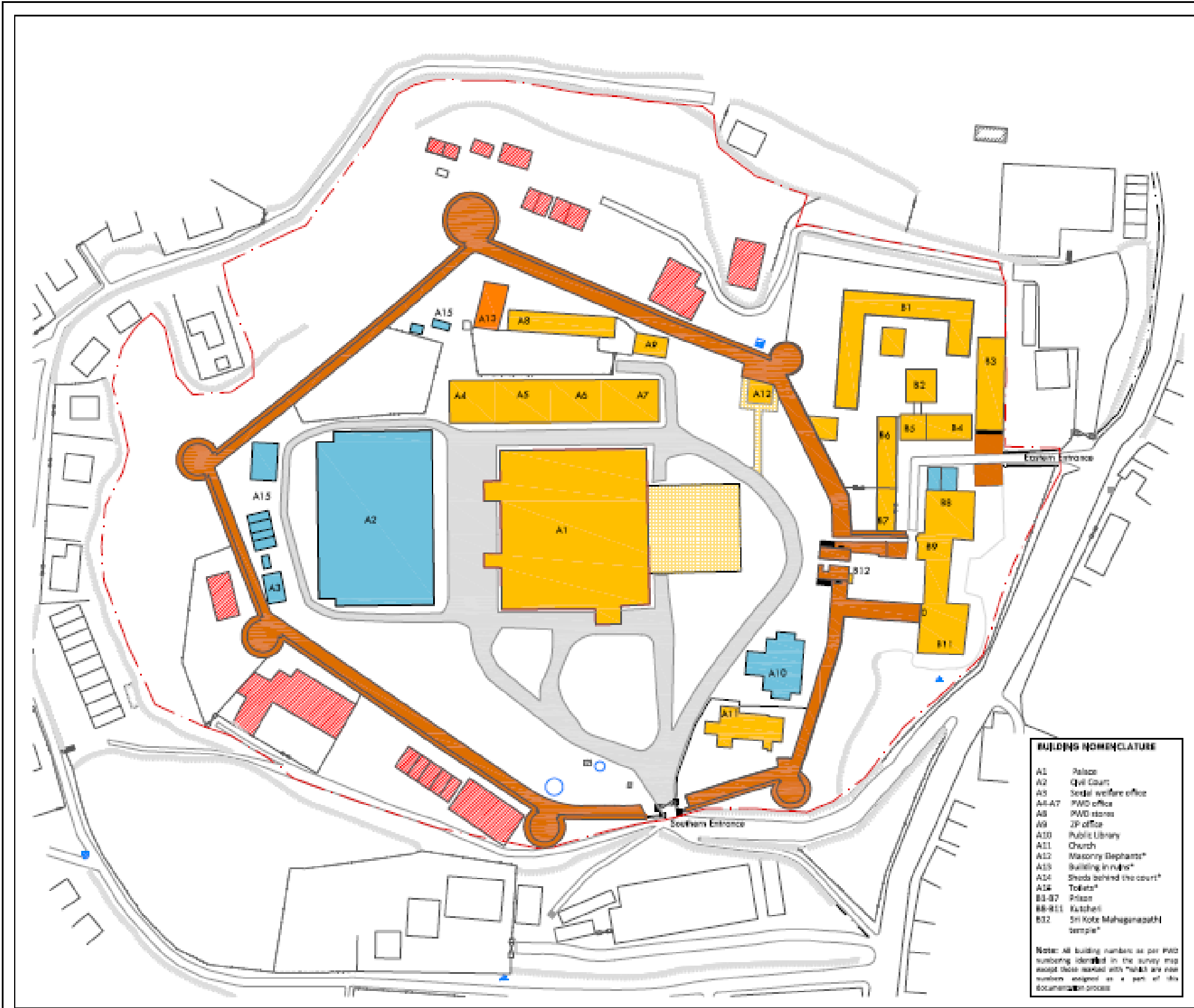
## ii. Conservation Plan for the Fort, Madikeri

**Client:** Archaeological Survey of India, Aurangabad circle

**Timeline:** Dec 2016- Jun 2016

**Specific areas for which consultancy provided:** Architectural documentation, Condition analysis, Recommendations for conservation, Visitor Management plan, Estimates





KEY PLAN

PROJECT

**FORT, MADIKERI,**  
KARNATAKA

CLIENT

ARCHAEOLOGICAL SURVEY OF INDIA,  
BANGALORE CIRCLE

LEGEND

- AS BOUNDARY
- Fort wall
- Historical Buildings
- Building in ruins
- Modern Buildings
- Other buildings within AS boundary
- Pathways within the fort

Note: All dimensions to be read and not measured,  
All numbers are as per ASI drawing

STRUCTURE NUMBER AND NAME

**SITE PLAN**

DRAWING TITLE

**LOCATION AND NOMENCLATURE OF STRUCTURES**

DRAWING NUMBER		DATE
A- 01		4 JUL 2018

SCALE

**CENTER FOR CULTURAL HERITAGE MANAGEMENT FOUNDATION**

PGH, 2ND FLOOR, SRIBALAJI HILLS LAYOUT,  
HEAR VISHVAPEETHA, BSK 3RD STAGE,  
BANGALORE 560085

**DRAWINGS PREPARED BY**

GN HERITAGE MATTERS  
SARASWATI ARI APPATHUR  
14, VENKAT NAGESH RD,  
SAVAYANAHALLI, BANGALORE  
KARNATAKA 560034

**DRAWN BY**

REKHA PREETHA  
SARASWATI

**CHECKED BY**

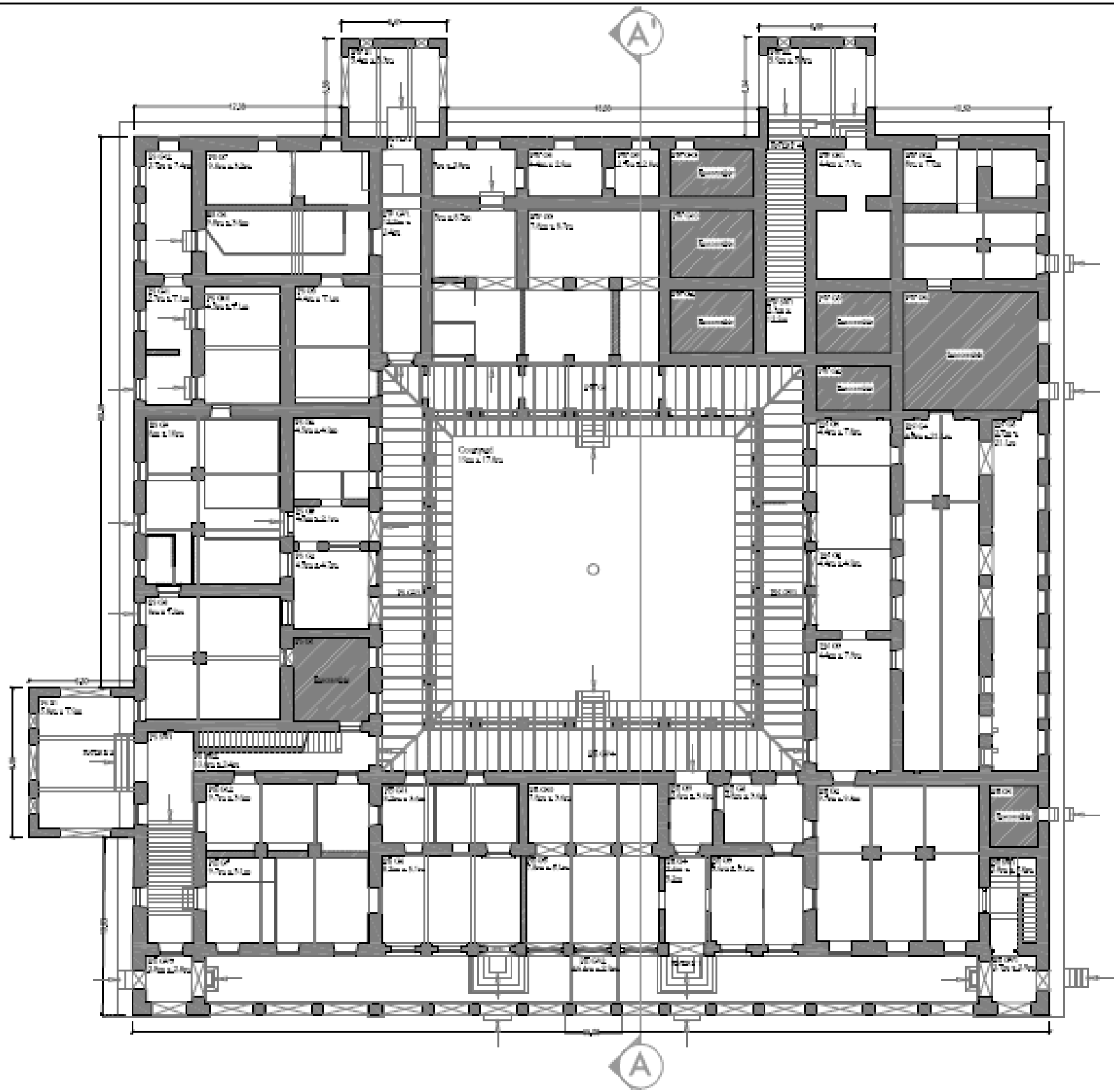
ANIL

**BUILDING NOMENCLATURE**

A1	Palace
A2	Civil Court
A3	Social welfare office
A4-A7	PWD office
A8	PWD stores
A9	JP office
A10	Public Library
A11	Church
A12	Masonry Deppam*
A13	Building in ruins*
A14	Sheds behind the court*
A15	Toilets*
B1-B7	Prison
B8-B11	Kitchen*
B12	Sri Kote Mahaganesha Temple*

Note: All building numbers as per PWD numbering identified in the survey map except those marked with \* which are new numbers assigned as a part of this documentation process





**KEY PLAN**

**PROJECT**

**A1, THE PALACE, KARNATAKA**

**CLIENT**

ARCHAEOLOGICAL SURVEY OF INDIA, BANGALORE CIRCLE

**LEGEND**

Notes: All dimensions are to be read and not measured.

**STRUCTURE NUMBER AND NAME**

**A1, THE PALACE**

**DRAWING TITLE**

**GROUND FLOOR PLAN**

**DRAWING NUMBER**

**A- 08**

**DATE**

04 JUL 2018

**SCALE**

0m 2 5 10 15m

**CENTER FOR CULTURAL HERITAGE MANAGEMENT FOUNDATION**

HQ: 2ND FLOOR, SRIRAMA HILLS LAYOUT, NEAR VIDYAPETHA, BSK 3RD STAGE, BANGALORE 560088

**DRAWINGS PREPARED BY**

GM HERITAGE MATTERS  
CONSERVATION ARCHITECTS  
14, TEMPLE TILES ROAD,  
SAVVAYAR, BANGALORE  
560004

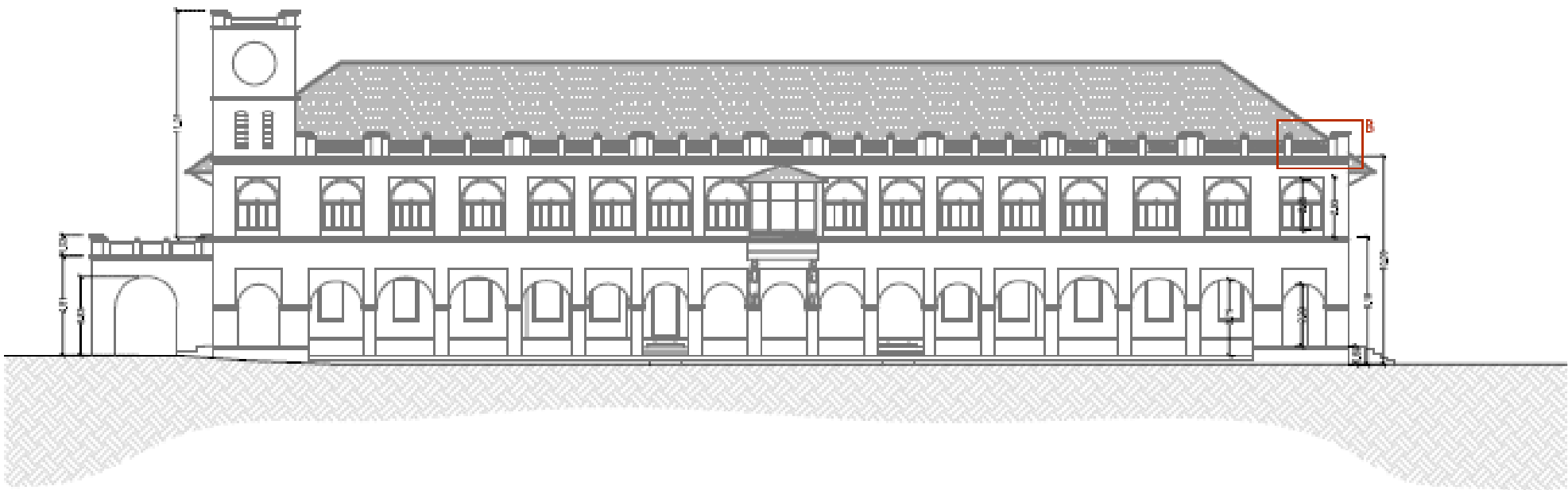
**DRAWN BY**

ABHINAV K. S. S. S.

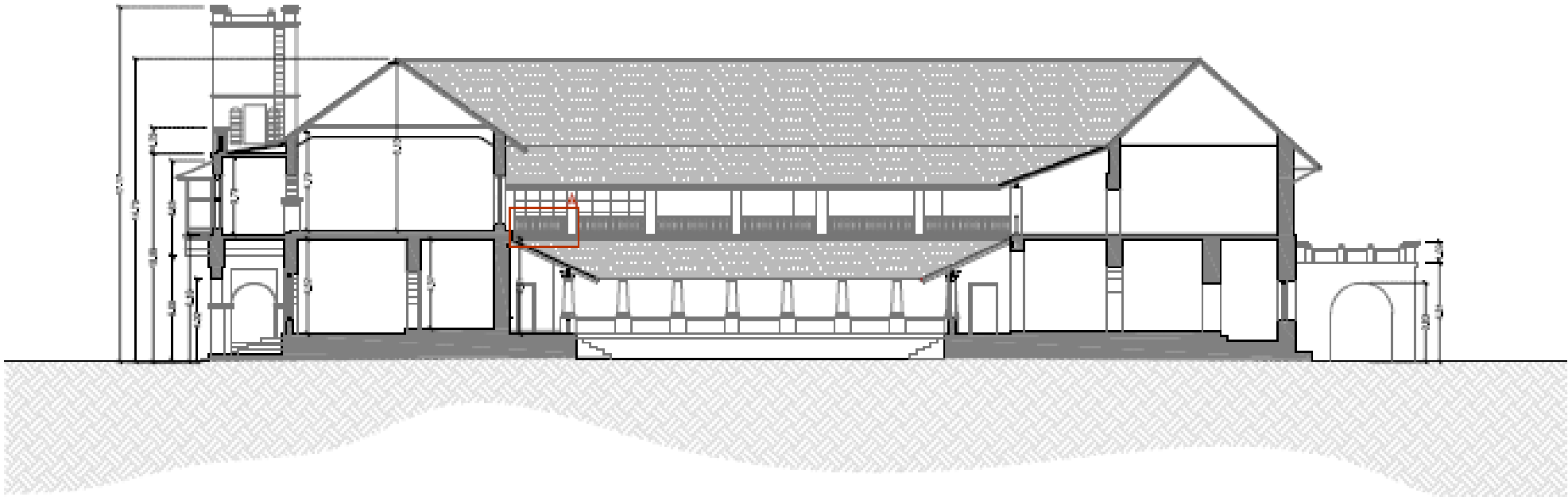
**CHECKED BY**

ABHINAV K. S. S. S.

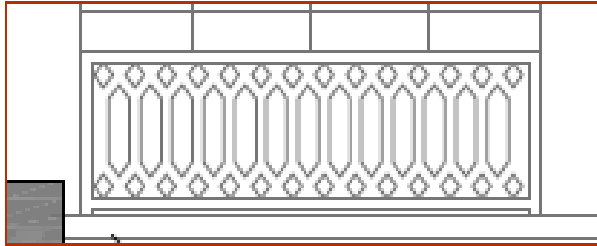




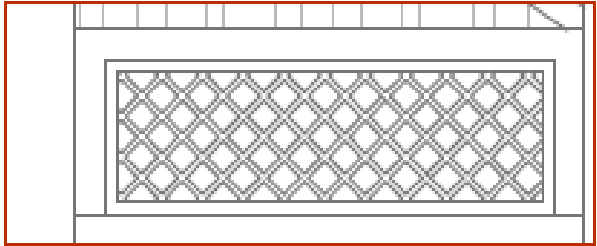
EAST ELEVATION



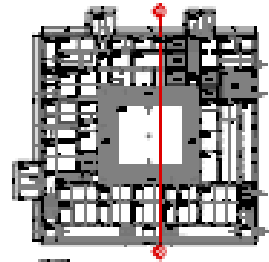
SECTION AA'



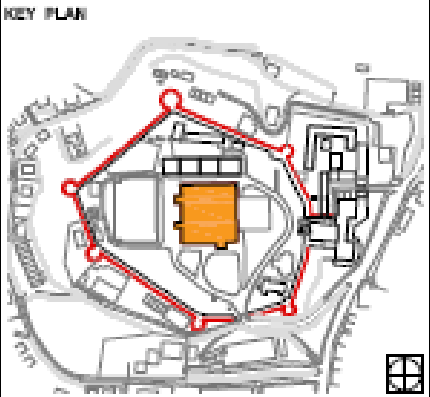
PARAPET DETAIL AT A



PARAPET DETAIL AT B



KEY PLAN



PROJECT

**FORT, MADIKERI,**  
KARNATAKA

CLIENT

ARCHAEOLOGICAL SURVEY OF INDIA,  
BANGALORE CIRCLE

LEGEND

Note: All dimensions are to be read and not measured.

STRUCTURE NUMBER AND NAME:

**A1, THE PALACE**

DRAWING TITLE

**SECTION AND ELEVATION**

DRAWING NUMBER

**A- 11**

DATE

**04 JUL 2018**

SCALE

0m 2 5 10 15m

CENTER FOR CULTURAL HERITAGE  
MANAGEMENT FOUNDATION

NO. 1, 2ND FLOOR, ORISSA, HBS LAYOUT,  
NEAR HOYASATHA, 508 3RD STAGE,  
BANGALORE 560085

DRAWINGS PREPARED BY

DR. HERITAGE MATTERS  
CONSULTANTS ARCHITECTS  
14, 1ST FLOOR, 100 FT. ROAD,  
BANGALORE 560085

CHECKED BY

ANIL





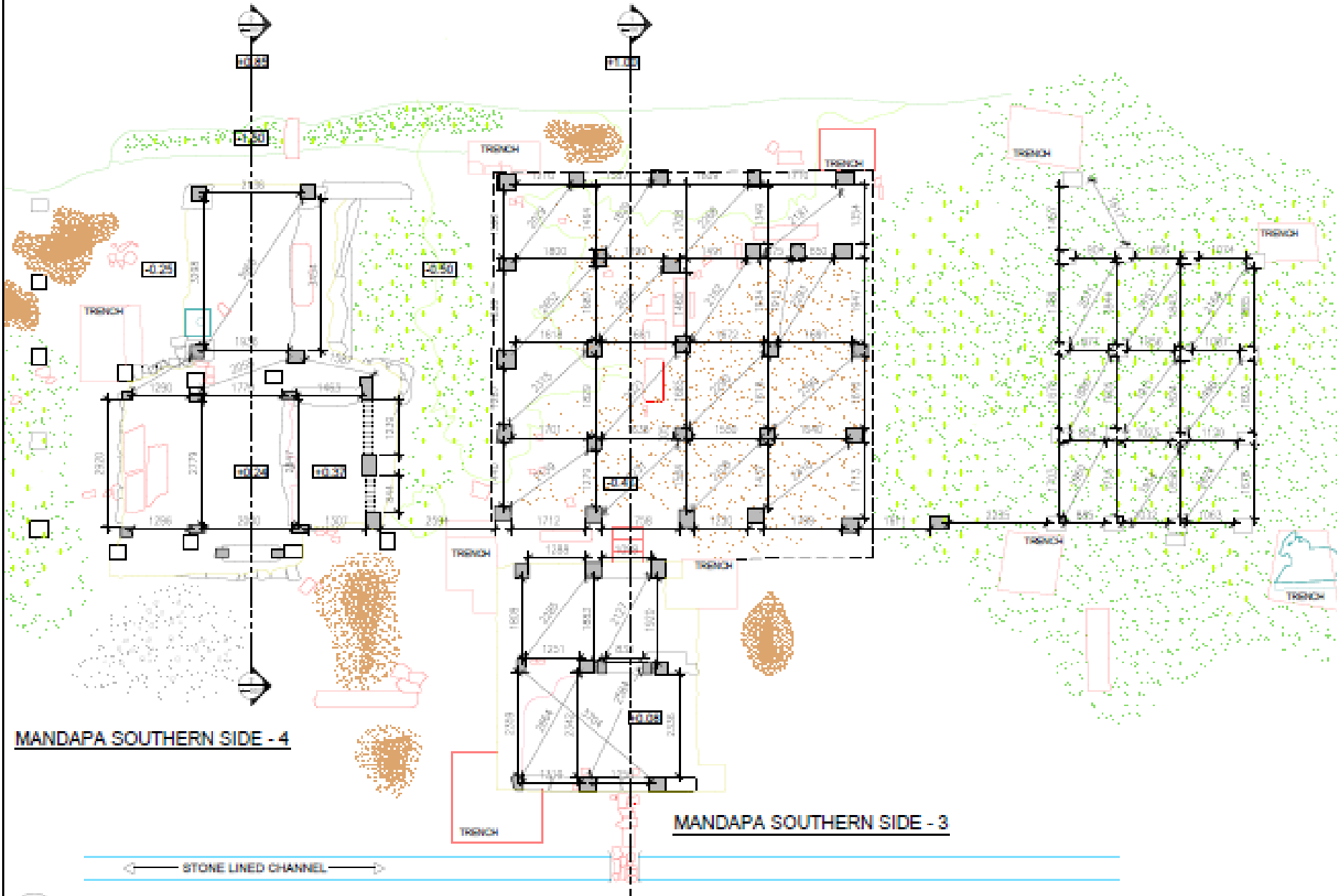
### iii. Documentation of Virupaksha Bazaar, Hampi

**Client:** Archaeological Survey of India, Aurangabad circle

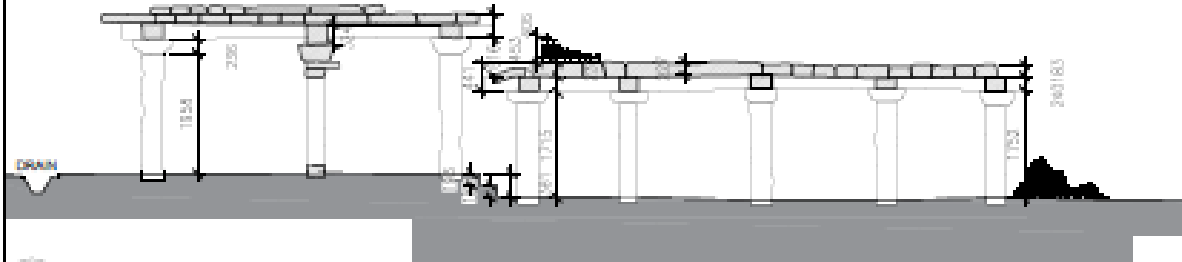
**Timeline:** Sept 2015- Feb 2016

**Specific areas for which consultancy provided:** Architectural documentation, Condition mapping, Recommendations for conservation, Visitor Management plan

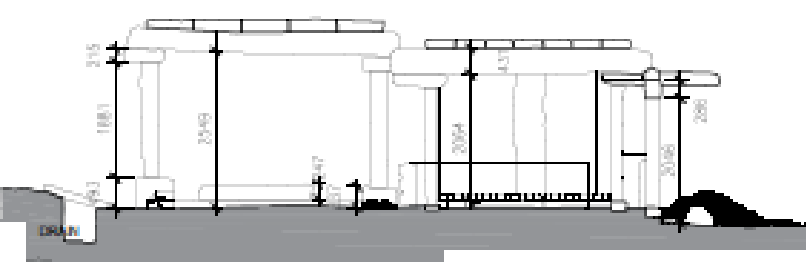




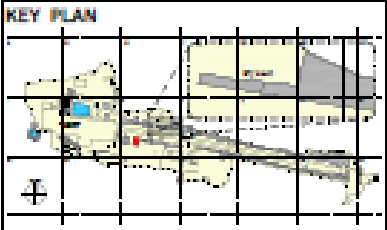
1 GROUND FLOOR PLAN 4A-4C  
SCALE 1:100



3 SECTION AT-2  
SCALE 1:100



2 SECTION AT-1  
SCALE 1:100



PROJECT:  
CONSERVATION STRATEGY FOR  
VIRUPAKSHA BAZAAR, HAMPI,  
KARNATAKA INDIA

ARCHAEOLOGICAL SURVEY OF INDIA,  
HAMPI MINI CIRCLE

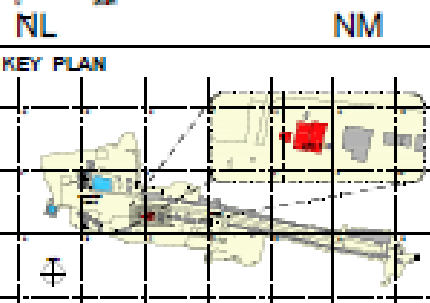
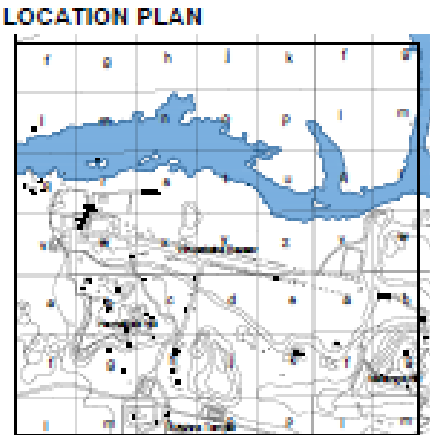
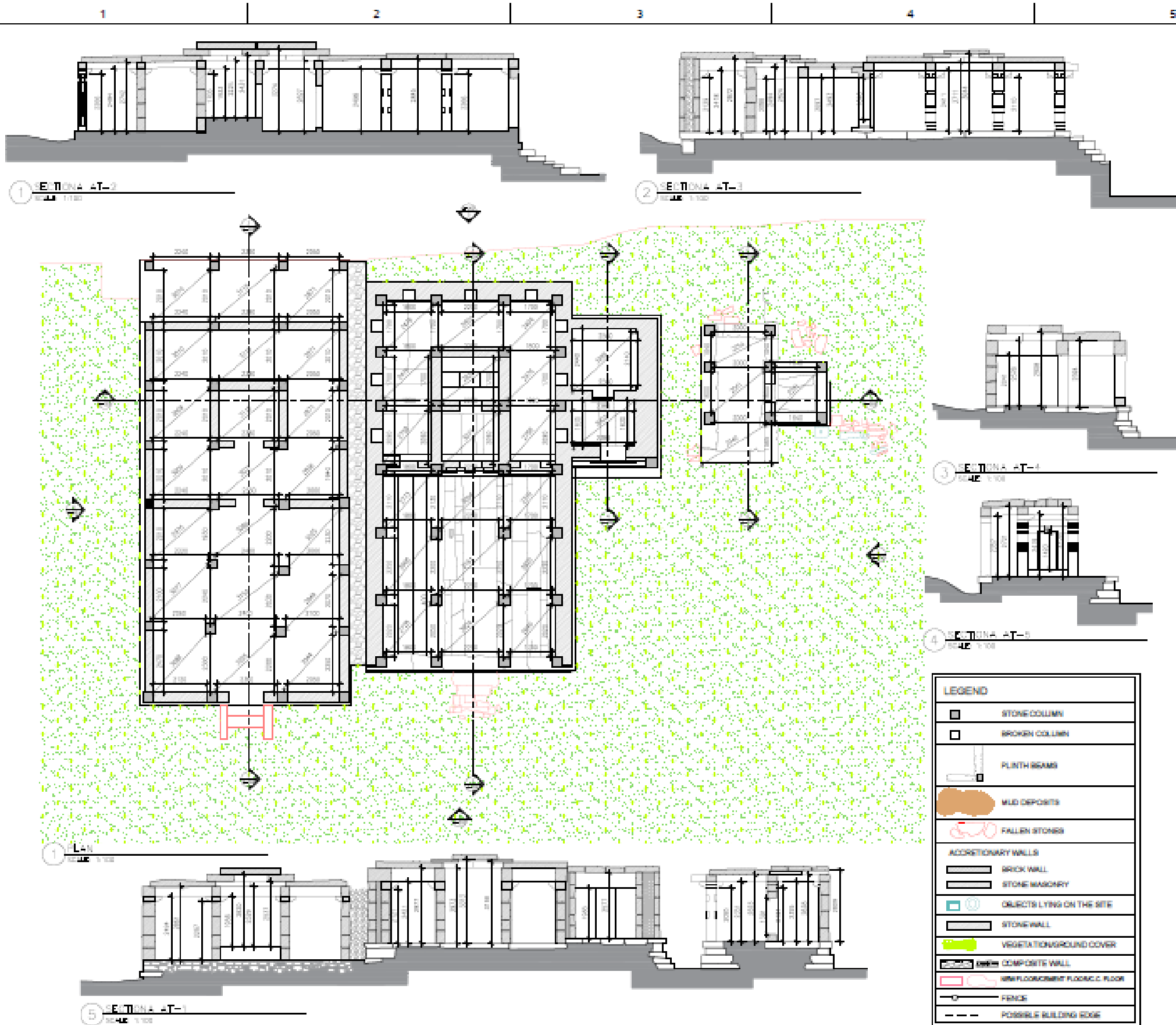
ARCHITECTURAL DOCUMENTATION

MANDAPA NUMBER: NFX-11,12  
TITLE: GROUND FLOOR PLAN

DRAWING NO. A-007  
DATE 15/12/2015

SCALE BAR  
0 100 200 300  
SCALE-1:100

DRAWN BY JORGE NEROLI  
CHECKED BY HAMPI SC



PROJECT:  
CONSERVATION STRATEGY FOR VIRUPAKSHA BAZAAR,  
HAMPI, KARNATAKA INDIA

ARCHAEOLOGICAL SURVEY OF INDIA,  
HAMPI MINI CIRCLE

ARCHITECTURAL DOCUMENTATION

MANDAPA NUMBER: NFX-7,8,9,10  
TITLE: GROUND FLOOR PLAN

DRAWING NO. A-006  
DATE 15/12/2018

SCALE BAR SCALE = 1:100 @A2  
0 500 1000 2000 3000 4000

DRAWN BY RESHMI, RUCHITA, SUDEPTA, ANSHUL  
CHECKED BY HAMPI SO





#### iv. Restoration of Sadar Sofa at Gulbarga

**Client:** Khwaja Bande Nawaz Dargah Trust, Gulbarga

**Timeline:** June 2013-June 2016

**Total Budget:** 2 Crores

**Plinth area:** 5000 sft

**Age:** 357 years old property

**Predominant building materials:** Wood, stone and lime

**Specific areas for which consultancy provided:** Consultancy for Restoration of Wooden structure, Lime masonry walls & roof, Art & Stucco work, Adaptive reuse plan and service upgradation, Estimates





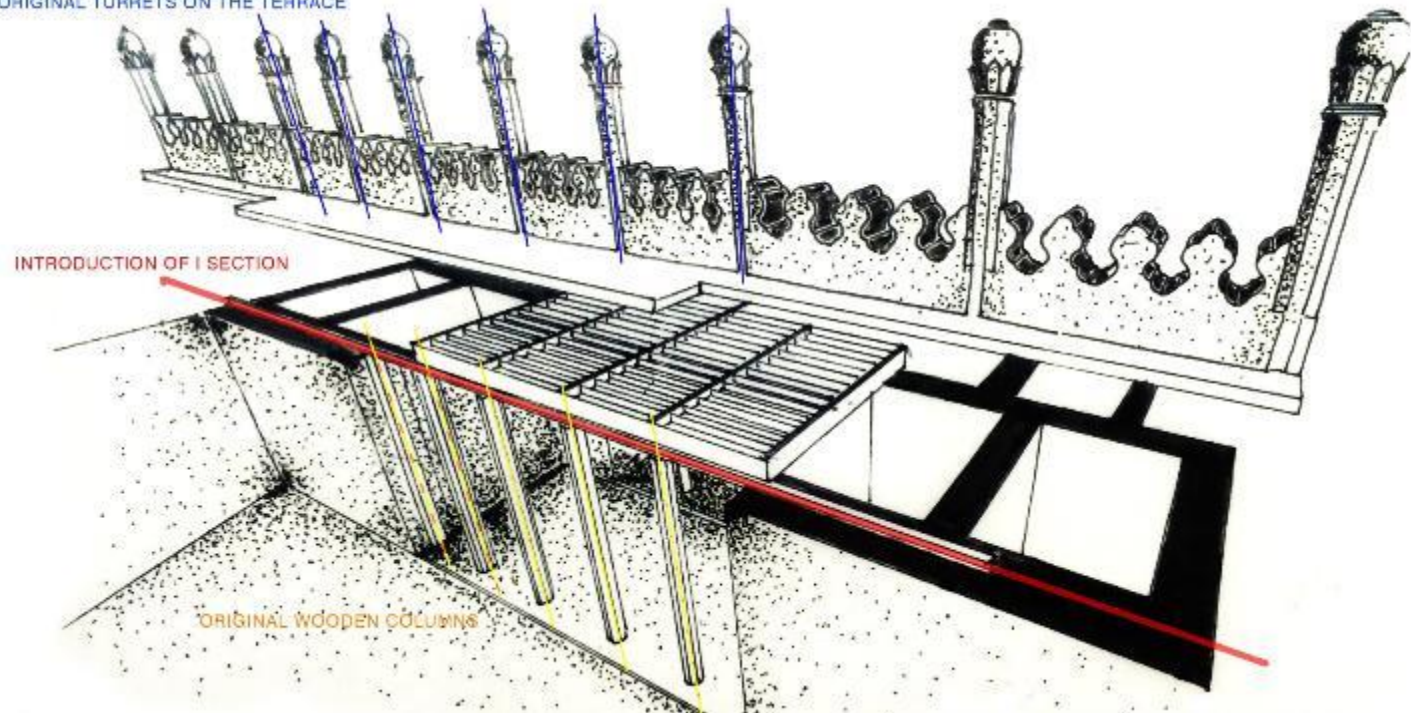




During restoration



ORIGINAL TURRETS ON THE TERRACE



The Load of the turrets and roofing on original wooden columns is relieved by the introduction of I-sections above the columns. This intervention allowed us to retain the original wooden roofing.





Before restoration



After restoration









After restoration







## v. Development of Archaeological site at Kanaganahalli (Sannati)

**Client:** Archaeological Survey of India through Centre for Heritage Management

**Timeline:** 24 months (*Planning and Implementation*)

**Total Budget:** Rs. 200 Lakhs

**Plinth area:** 24 acres of site, 3000 sq mt of built up area

**Age:** Satavahana period

**Predominant building materials:** Precast materials (I Sections, Precast Concrete), Lime stone, Soil stabilized pathways

**Specific areas for which consultancy provided:** Planning, DPR Preparation & Supervision of Implementation



PROPOSED MASTERPLAN-OP 1



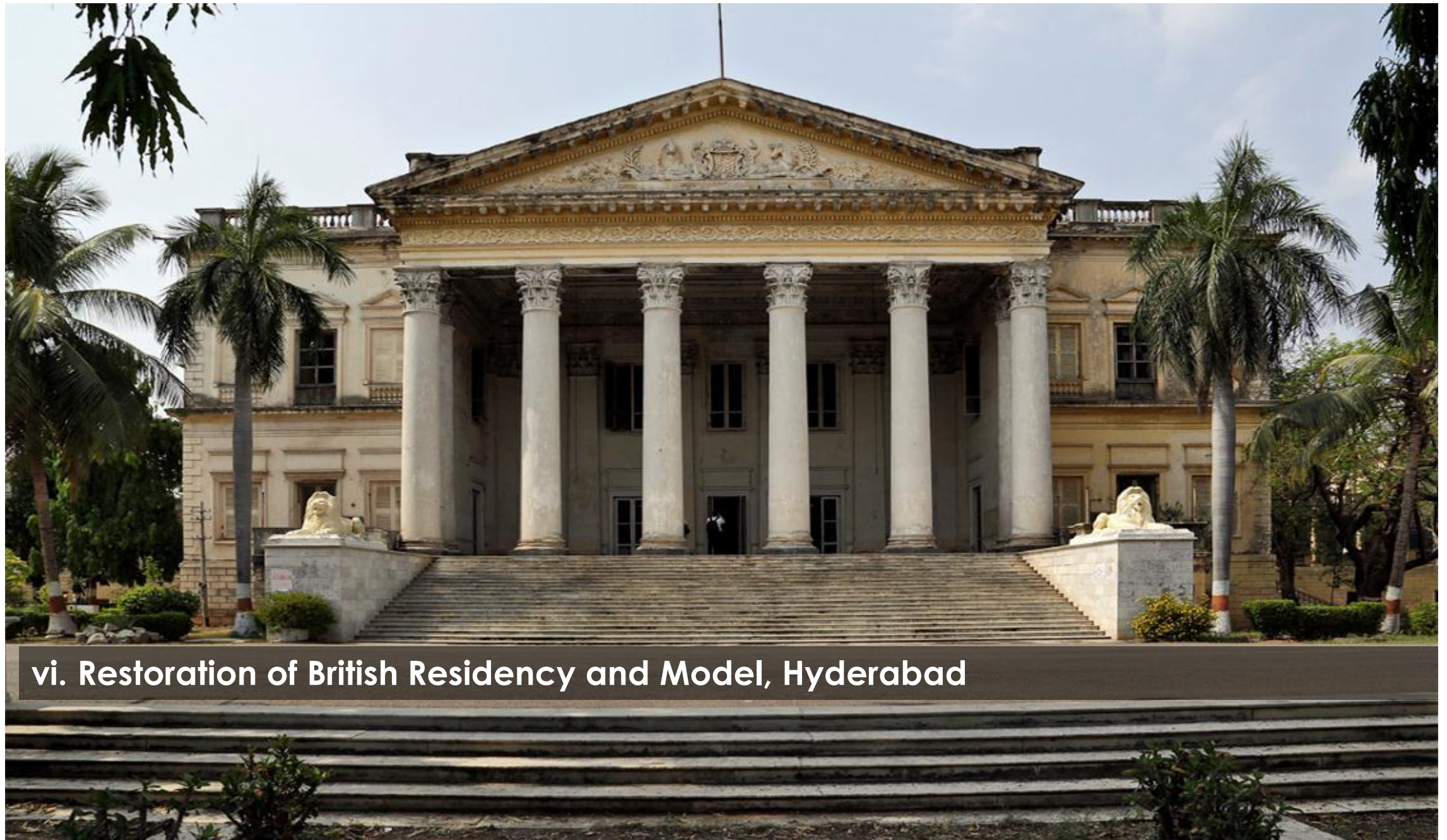
- 01 PROPOSED VEHICULAR GATE
- 02- SECURITY CABIN & PED. GATE
- 03- PEDESTRIAN PATH
- 04- BUS PARKING (4)
- 05- SERVICE BLOCK
- 06- TREE LINED-4W PARKING
- 07- TREE-LINED 2W PARKING
- 08-WICKET GATE & CORDON TOE WALL
- 09- ARRIVAL NODE
- 10- DIGNITARY GATE
- 11- EXISTING ACCESS TO STUPA WITH EXISTING TREES
- 12- TREE GROVE AS SCREEN
- 13- PERIMTER PLANTING- NATIVE TREES
- 14A- VISITOR BLOCK
- 14B- COLONNADED COURT
- 15- ENCLOSED COURTYARD
- 16- INTERPRETATION CENTRE
- 17- ACCESS TO STUPA (TRAIL START)
- 18- SCREEN PLANTING
- 19- SCREEN PLANTING
- 20- RAMMED EARTH WALKWAY 2.5M WIDE
- 21- ENTRY TO SCULPTURE DISPLAY ENCLOSURES
- 22- SCULPTURE DISPLAY ENCLOSURES
- 23- WOODED THICKET & TOE WALL
- 24- ASHOKAN EDICT
- 25- RETURN PATH
- 26- CAFETERIA KIOSK IN WOODED THICKET
- 27- SERVICE BAY

Landscape development proposal by FICUS landscape consultants, Bangalore









## vi. Restoration of British Residency and Model, Hyderabad

**Client:** Osmania Women's College, Koti, Hyderabad and World Monuments Fund (New York)

**Timeline:** October 2015-Ongoing

**Total Budget:** 17 Crores

**Plinth area:** 75000 sft

**Age:** 216 years old property

**Predominant building materials:** Brick, lime, wood, stone, metal for ceilings and roof

**Specific areas for which consultancy provided:**

Consultancy for Conservation & Restoration of historic campus including heritage buildings of international significance, Preparation of Adaptive Reuse Plan, Upgradation of services for new use, Supervision of Implementation



Restoration in progress





Restoration of the Model of the Former  
British Residency, Hyderabad







Restoration in progress

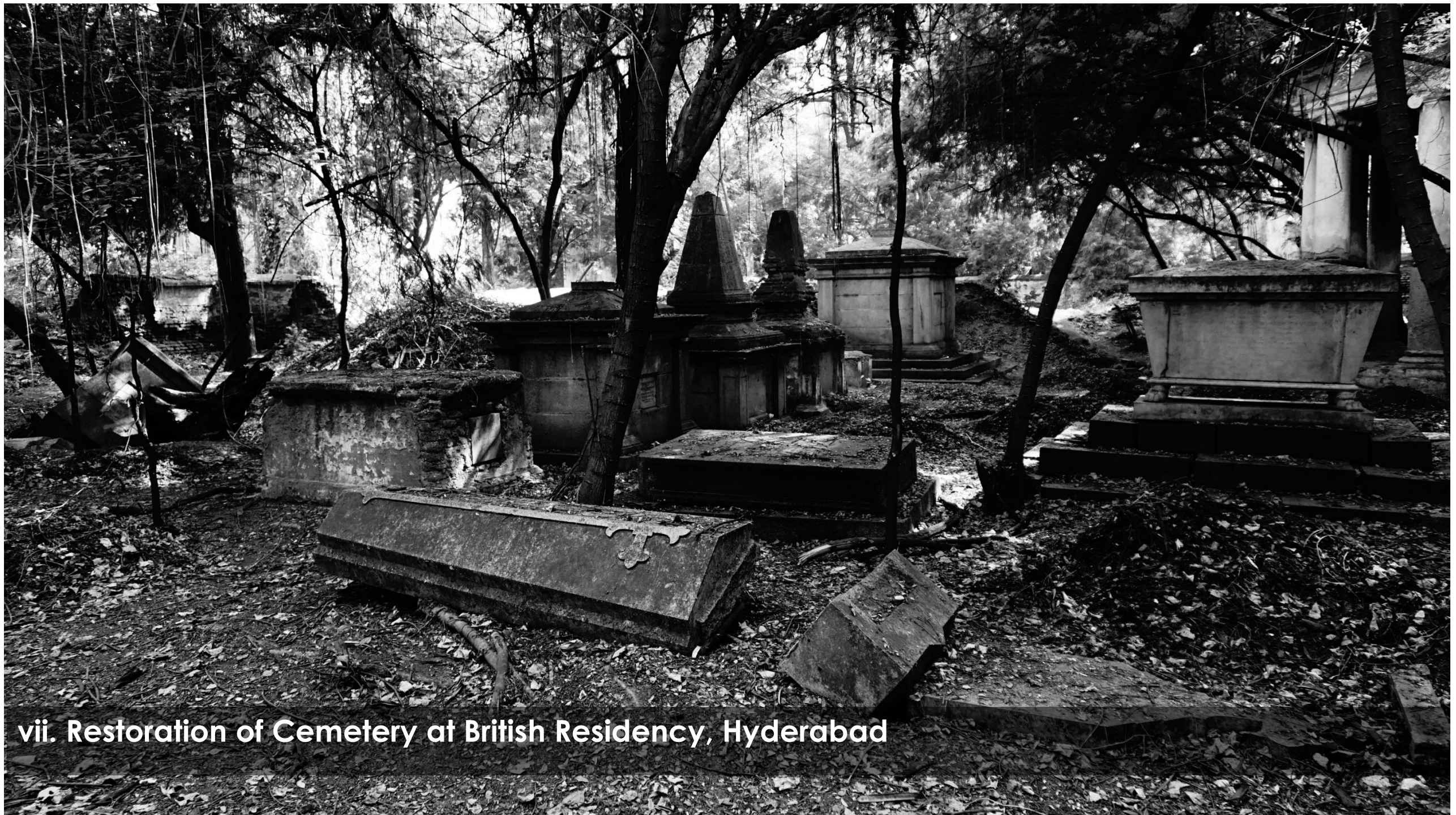




After restoration







## vii. Restoration of Cemetery at British Residency, Hyderabad

**Client:** Deccan Heritage Foundation

**Timeline:** 2016-2018

**Total Budget:** Rs. 12 Lakhs (*Planning and Site Preparation*)

**Site area:** 2 acres

**No. of graves:** 42

**Specific areas for which consultancy provided:**

Consultancy for Conservation & Restoration of historic structures,









## viii. Conservation Management Plan for Ghanpur Group of Temples, Telangana

**Client:** Deccan Heritage Foundation, State Archaeology Department, Telangana

**Timeline:** July 2016 - Ongoing

**Age:** 800 years old property (Kakatiya Period 13<sup>th</sup> century)

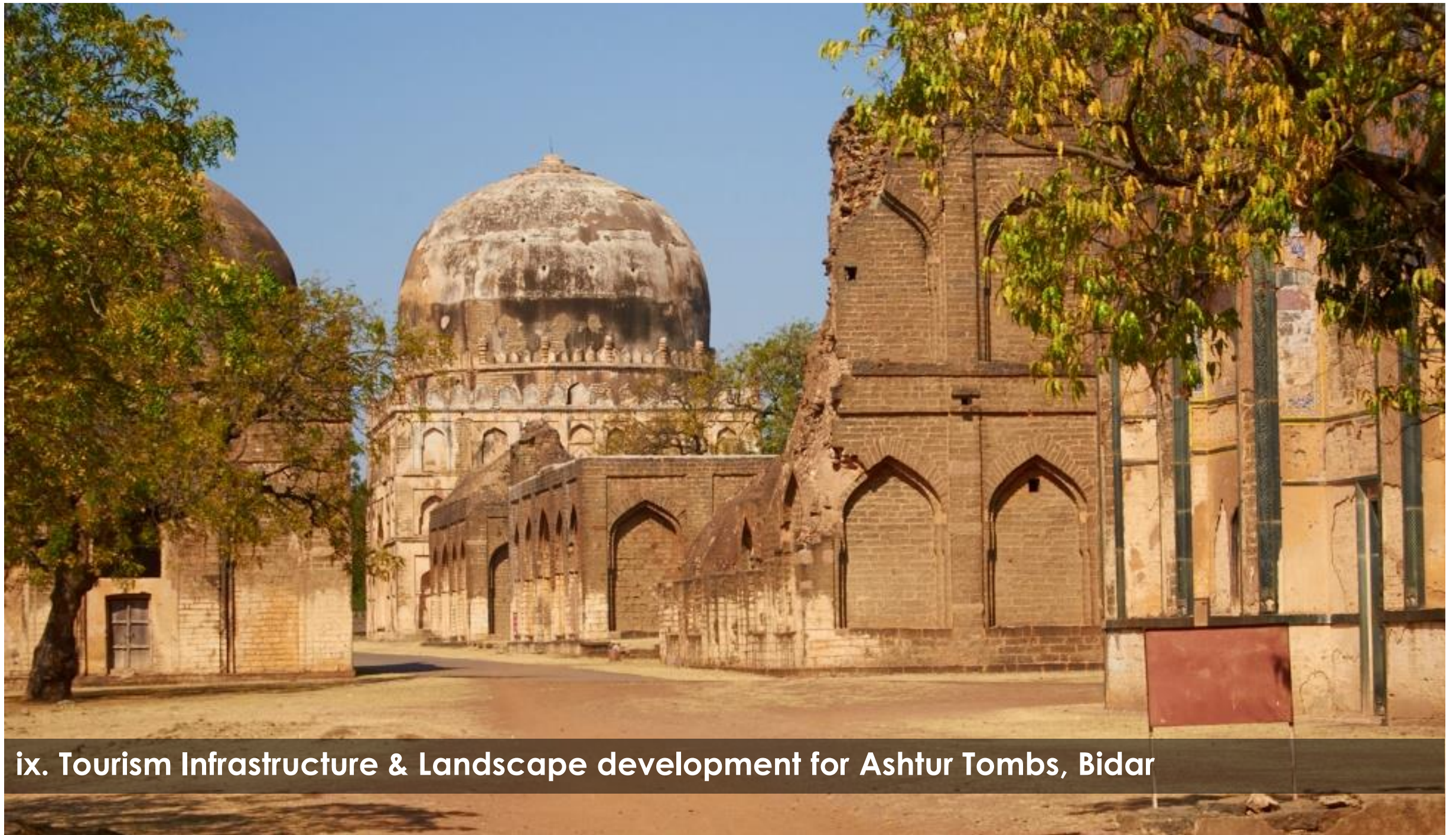
**Predominant building materials:** Stone (Sand stone and Basalt)

**Specific areas for which consultancy provided:** Architectural documentation, Condition analysis, Recommendations for Structural conservation, Estimates, Visitor amenities, Restoration and interpretation plan, design and development of a new interpretation centre.









## ix. Tourism Infrastructure & Landscape development for Ashtur Tombs, Bidar

**Client:** Archaeological Survey of India, Dharwad Circle.

**Timeline:** January 2016 - Ongoing

**Total Budget:** 5 Crores

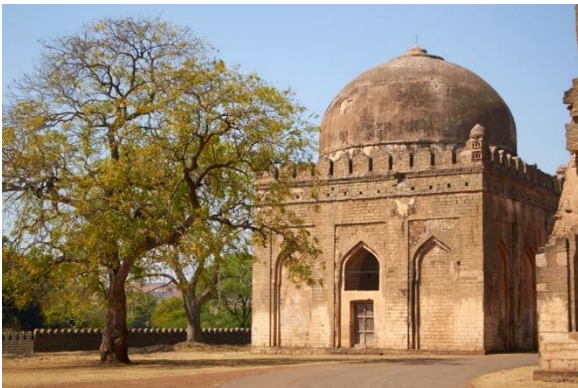
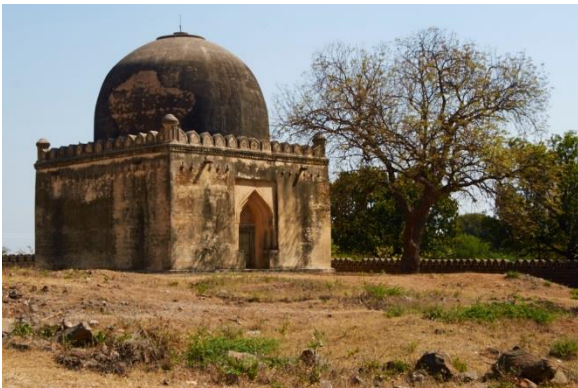
**Age:** 500 years old property

**Predominant building materials:** Brick, stone and lime

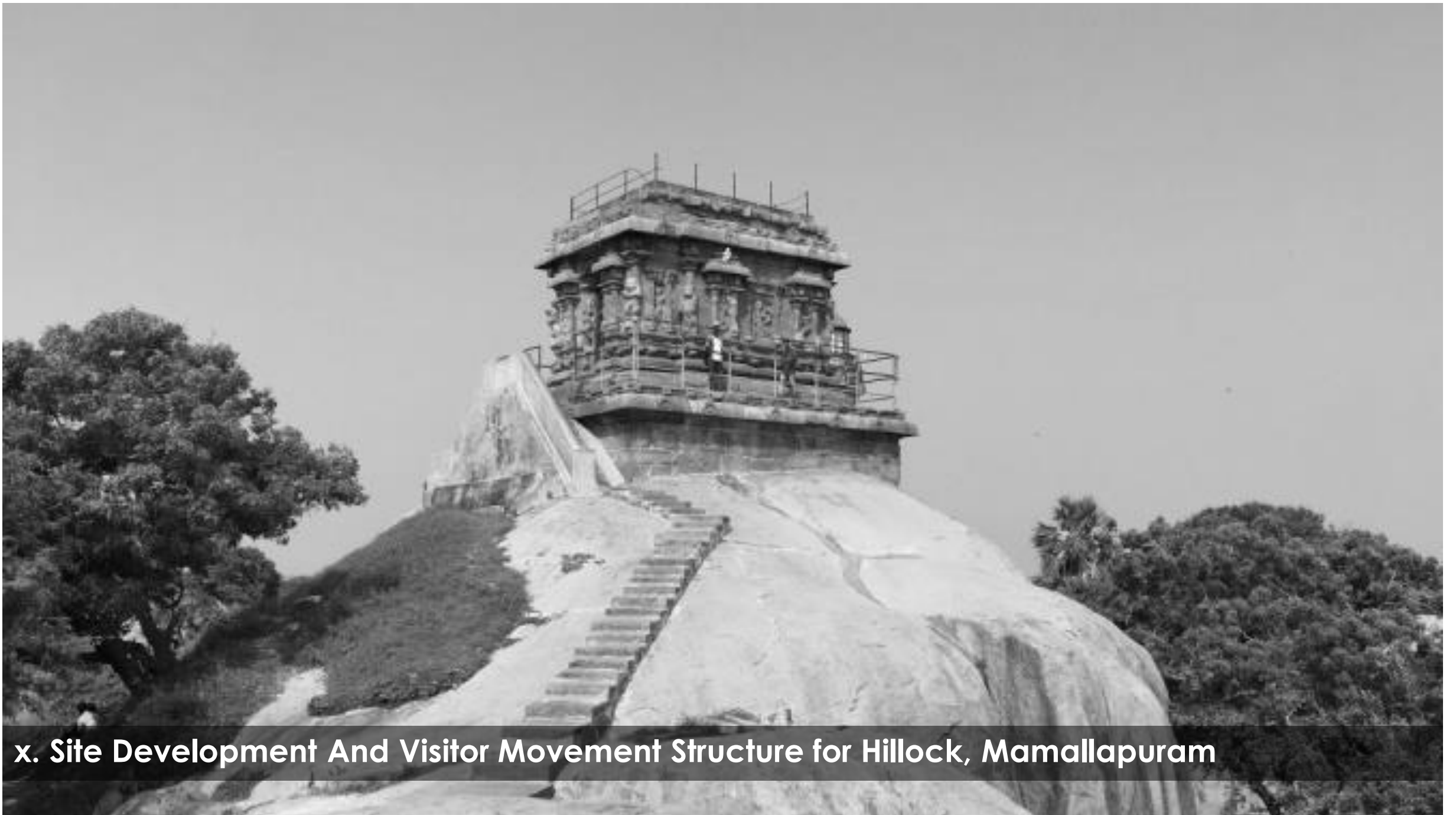
**Specific areas for which consultancy provided:** Consultation for development of Visitor amenities, Parking & Entrance Plaza, Access pathways & landscape



RESTORATION OF THE FORMER BRITISH RESIDENCY AND MODEL, HYDERABAD, TELANGANA







## x. Site Development And Visitor Movement Structure for Hillock, Mamallapuram

**Client:** Archaeological Survey of India, Chennai Circle.

**Timeline:** September 2017 – December 2017

**Total Budget:** 5 Crores

**Age:** 1200 years old property (Pallava Period 700AD-728AD)

**Predominant building materials:** Stone and lime

**Specific areas for which consultancy provided:** Consultation for proposing site development and visitor movement



# Proposed Pathways – Visitor Movement

PROPOSED SITE DEVELOPMENT AND VISITOR MOVEMENT STRUCTURE



**LEGEND**

- Proposed pedestrian access
- Existing Pedestrian access

0 5 15 30 50 100  
SCALE  
Units - metres  
SITE AREA - 143956 sq.m  
35.572 acres





## xi. Destination Development of Chitradurga Fort, Karnataka

**Client:** Department of Tourism

**Timeline:** 18 months (*Planning & Implementation*)

**Total Budget:** Rs. 300 Lakhs

**Plinth area:** 450 Acres

**Age:** Medieval fort (Vijayanagara period fort which was further consolidated during Nayaka Period)

**Predominant building materials:** Stone, Bricks, Mud walls & Plasters

**Specific areas for which consultancy provided:**

1. Master Plan for development of the Fort from Tourism perspective within framework of AMASR Act
2. Detailed Project Report (DPR) for development & refurbishment of visitor amenities
3. Supervision of Implementation





## xii. Restoration of Old Shiva Temple, Burgula, Telangana

**Client:** Private Client

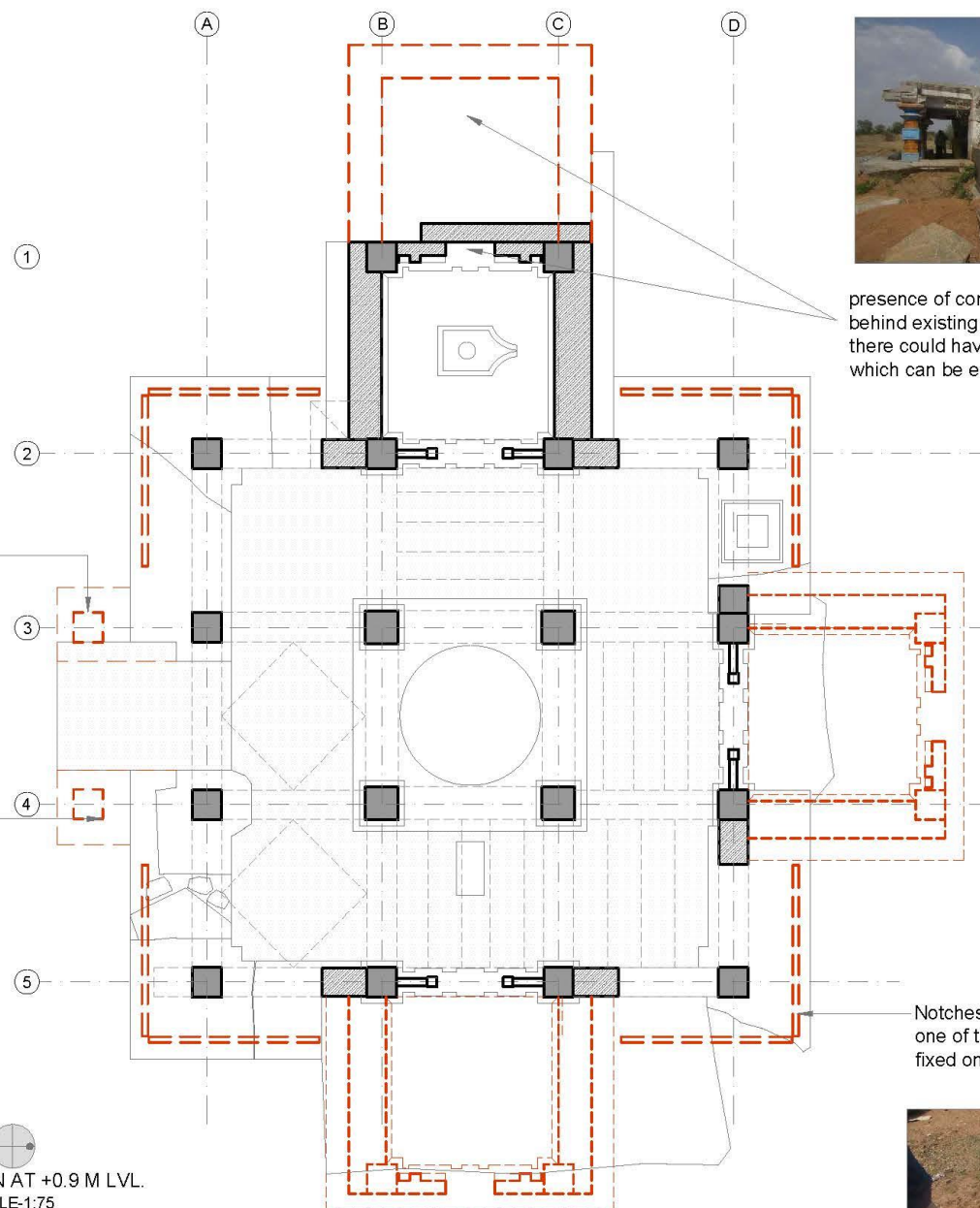
**Total Budget:** 80 Lakhs

**Age:** 800 years old property (Kakatiya Period 13<sup>th</sup> century)

**Predominant building materials:** Stone (Sand stone and Basalt)

**Specific areas for which consultancy provided:** Architectural documentation, Condition analysis, Recommendations for Structural conservation, Estimates, Visitor amenities, Restoration and interpretation plan,





This architectural cross-section drawing illustrates the structural layout of a building facade. It features a series of columns supporting a roof structure with arches. The drawing includes various structural details such as foundations, wall thicknesses, and internal supports. A small inset photograph in the top right corner shows a physical model or construction detail of the structure.

A photograph of a small, ancient stone structure, possibly a shrine or tomb, with a blue-painted doorway and a blue and yellow striped pillar. A person is standing to the left of the structure.

CUSTOMER	PROJECT					
	RECONSTRUCTION OF OLD SHIVA TEMPLE AT BURGULA, TELANGANA					
						DRAWN BY: NKC
						CHECKED BY:





## xii. Restoration of Dome: Tomb of Khaja Bande Nawaz, Gulbarga

**Client:** Khaja Bande Nawaz Trust

**Timeline:** 6 months (Planning and Implementation)

Total Budget: Rs. 20 Lakhs

**Plinth area:** 900 sq mt

Age: 15<sup>th</sup> Century

**Predominant building materials:** Brick, Lime plaster

**Specific areas for which consultancy provided:** Planning and Supervision of Implementation of the restoration works



RESTORATION OF DOME: TOMB OF KHAJA BANDE NAWAZ, GULBARGA







#### xiv. Restoration of Ancient Pathway at Hampi World Heritage Site

**Client:** Hampi World Heritage Area Management Authority (HWHAMA)

**Timeline:** 6 months (*Planning and Implementation*)

**Total Budget:** Rs. 100 Lakhs

**Total Length:** 1 km long 3 meters wide historic pathway also known as Chakrathirtha

**Age:** Vijayanagara period

**Predominant building materials:** Stone

**Specific areas for which consultancy provided:** Planning, DPR Preparation & Supervision of Implementation









## xv. Conservation of Mecca Masjid Complex, Hyderabad

**Client:** Department of Archaeology and Museums, **Telangana**

**Timeline:** July 2016 – Dec 2018 (Planning and Execution)

**Total Budget:** Rs. 8 Crores approximately

**Plinth area:** 2400 sqm approximately

**Age:** 324 years

**Predominant building materials:** Stone Masonry and stone veneering

**Specific areas for which consultancy provided:** Waterproofing at the roof level, Stone cleaning, removal of incongruous additions. Services.



CONSERVATION OF MECCA MASJID COMPLEX, HYDERABAD







## xvi. Thanjavur Visitor Amenities

**Client:** Archaeological Survey of India, Chennai

**Timeline:** September 2017 to December 2017

**Predominant building materials:** Stone

**Specific areas for which consultancy provided:** Consultation for development of Visitor amenities, Parking & Entrance Plaza, Access pathways





## xvii. Visitor Infrastructure Development at Golconda Fort, Hyderabad

**Client:** Archaeological Survey Of India, Hyderabad Circle.

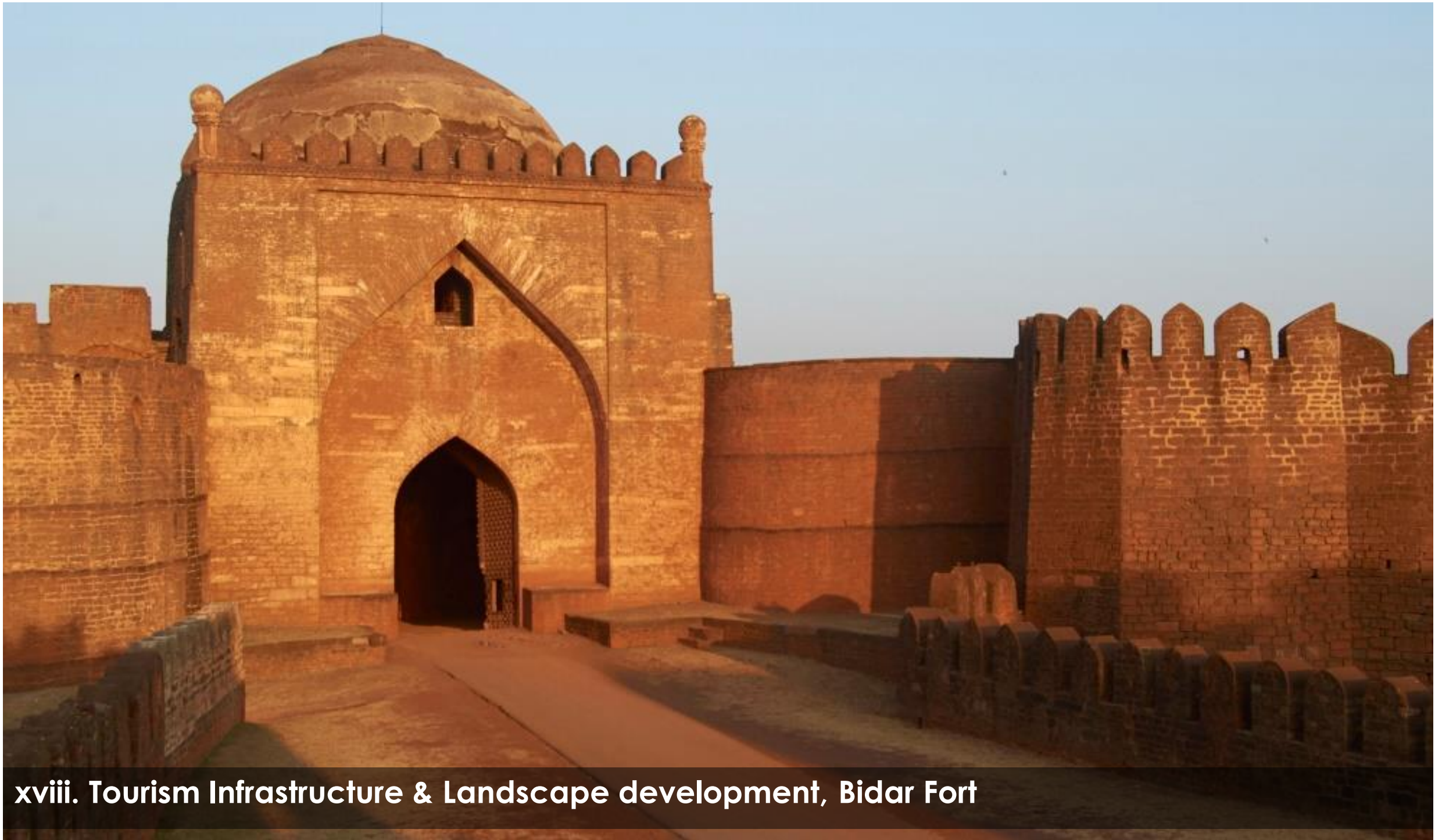
**Timeline:** September 2017 to January 2018

**Age:** 500 years old property

**Predominant building materials:** Stone (Granite), Brick and lime

**Specific areas for which consultancy provided:** Consultation for development of Visitor amenities including Access pathways, Ticket counters and drinking water amenities.





## **xviii. Tourism Infrastructure & Landscape development, Bidar Fort**

**Client:** Archeological Survey Of India, Dharwad Circle.

**Timeline:** January 2016 – Ongoing

**Age:** 500 years old property

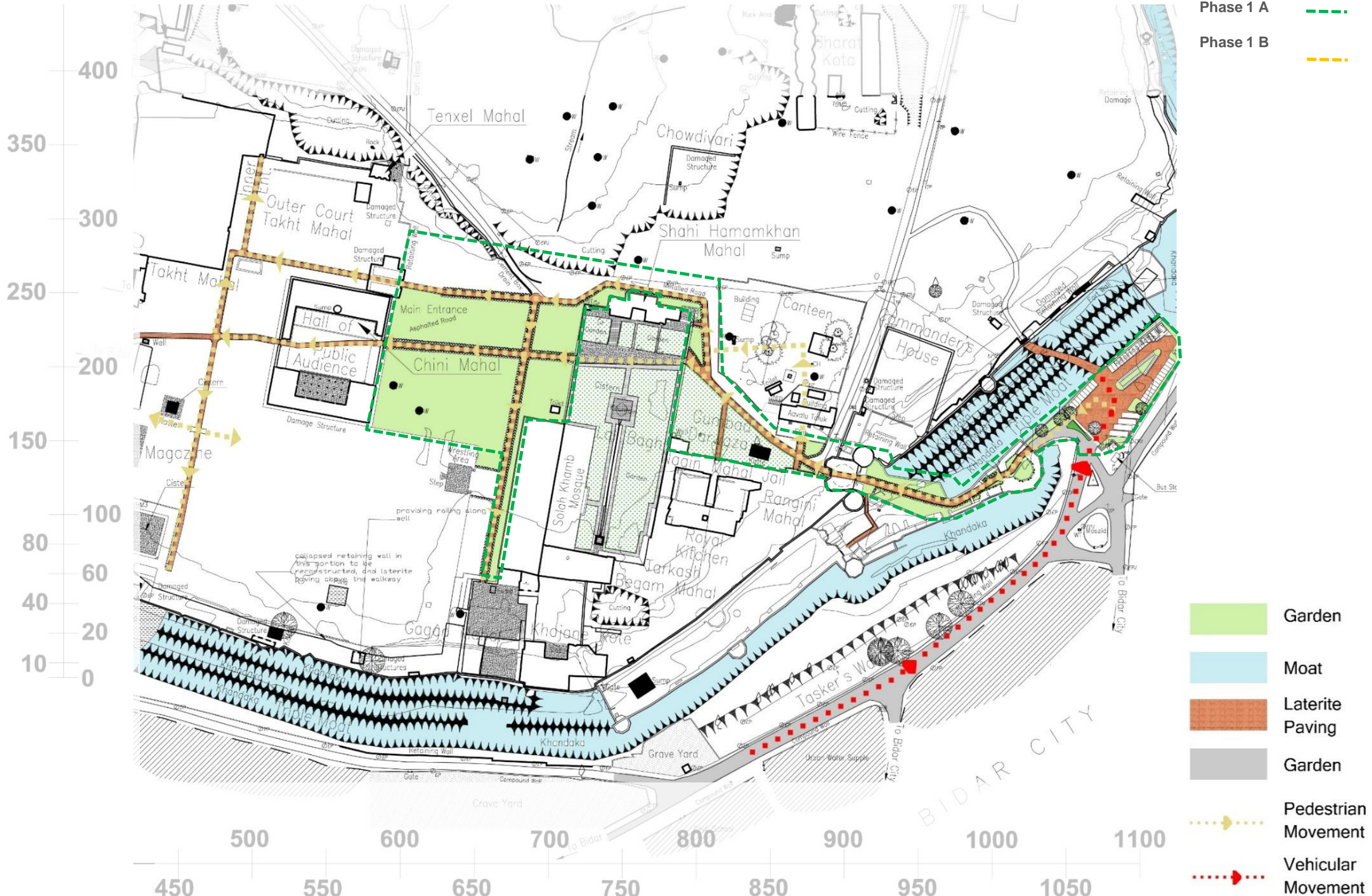
**Predominant building materials:** Brick, stone and lime

**Specific areas for which consultancy provided:** Restoration adaptive re-use of the historic building – Planning and Implementation













## xix. Restoration and adaptive re-use of the Gagan Mahal, Anegundi Hampi

**Client:** State department of Archaeology, Govt. of Karnataka

**Timeline:** February 2017 to ongoing

**Predominant building materials:** Stone (basalt), lime

**Plinth area:** 1431 sqft

**Specific areas for which consultancy provided:** Restoration adaptive re-use of the historic building – Planning and Implementation









LEVEL 3



- Earth / ground
- Harraj ji ka Mahal
- Inaccessible / Filled up
- Critical / collapsed

## xix. RESTORATION OF PALACES AND PYAGA STRUCTURES IN JAISALMER FORT

**Client:** Giridhar Smark Trust  
**Timeline:** May 2018 to ongoing  
**Predominant building materials:** Stone (Jaisalmer sandstone), mud, lime  
**Specific areas for which consultancy provided:** Restoration adaptive re-use of the historic building – Planning and Implementation

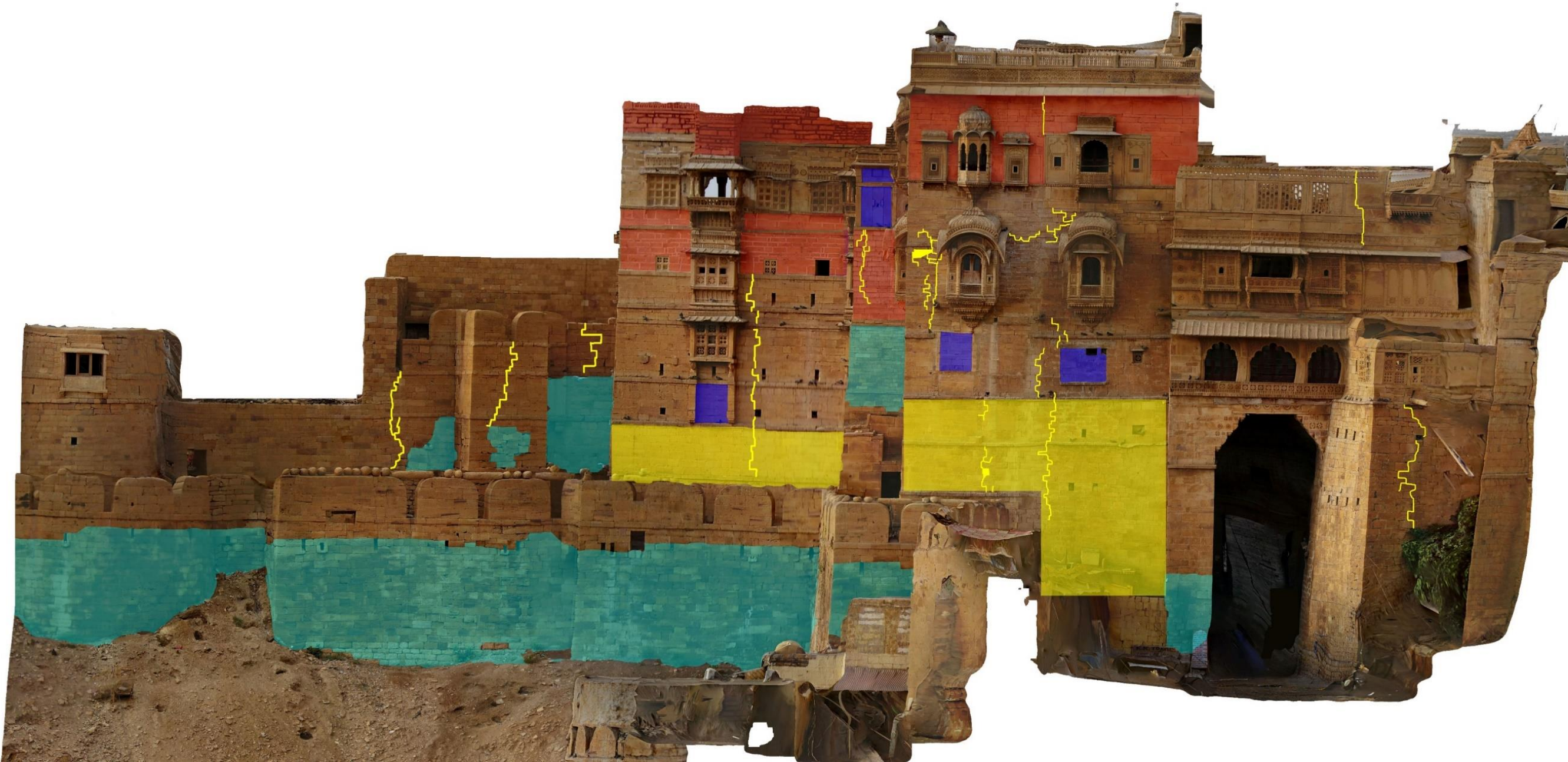


LEVEL 4



# NORTH ELEVATION

- Dampness
- Inaccessible
- In-fills
- Masonry changes
- cracks





# AKHEY VILAS

## Condition:



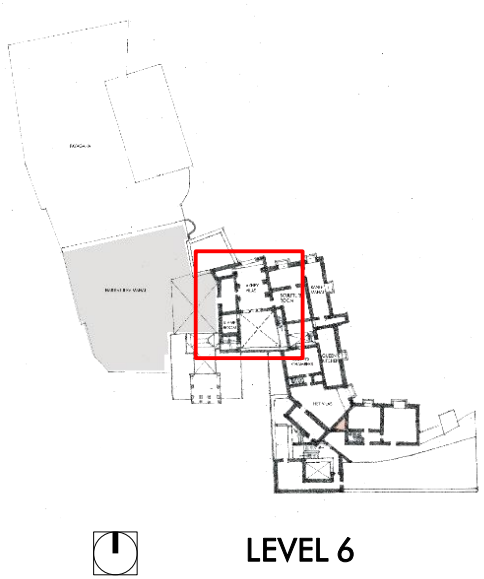
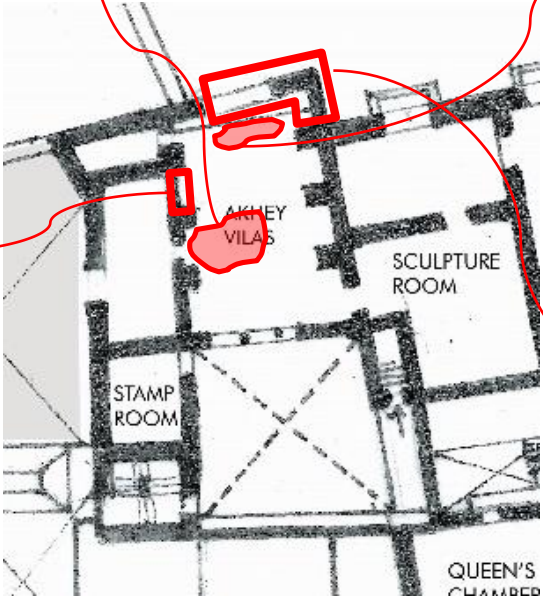
Collapsing/sinking areas in floor



Deteriorated wall and damaged wooden ceiling supports



Separation of bracket and cracks on wall



LEVEL 6