

# SITE ANALYSIS, ZONING AND CONCEPT

## SITE LOCATION

PROJECT: ARSENAL MEMORY PARK INTERPRETATION CENTRE  
 COUNTRY: ARGENTINA  
 REGION: TUCUMÁN PROVINOK  
 SITE REFERENCE: GALPON 9 (ARCHAEOLOG EXCAVATION ZONE)  
 LATITUDE: 26 SOUTH  
 LONGITUDE: 65 WEST  
 HEMISPHERE: SOUTHERN HEMISPHER



## CLIMATE ANALYSIS

**CLIMATE TYPE**  
 Warm and humid subtropical climate  
 Hot summers and mild winters  
 Heavy seasonal rainfall

**SUNLIGHT**  
 Strong sunlight year-round  
 West-facing areas: intense afternoon heat

**WIND**  
 Open landscape = natural airflow/vegetation reduces heat, boosts comfort

**RAINFALL**  
 High summer rainfall  
 Risk of runoff & flooding in low areas

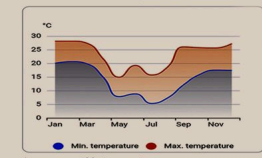
**SWOT ANALYSIS**

**Strengths:**  
 Large site, historical identity, greenery, highway access.

**Weaknesses:**  
 Traumatic history, restricted zones, weak infrastructure.

**Opportunities:**  
 Memory park, ecological restoration, cultural hub.

**Threats:**  
 Overdevelopment, loss of authenticity, environmental



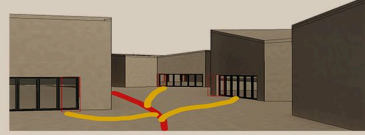
## CONCEPT

### FOLDED MEMORY AXIS

"A forced journey through fragmented memory, ending in collective reflection."

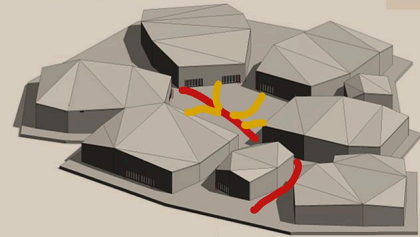
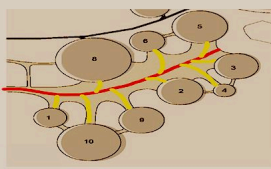
### CONCEPT IDEA

- Architecture as a controlled journey, not just buildings
- Memory expressed through movement, fragmentation, and space
- A central axis guides visitors through confinement → reflection → release



### SPATIAL STRATEGY

- Central Spine (Red) → Main "Memory Axis" (forced movement)
- Branch Paths (Yellow) → Memory fragments (pause + experience)
- Nodes (Circles) → Programmatic Interruptions



**FORM**

- Origami-inspired folded, angular masses
- Fragmented volumes = broken history
- Clustered layout = scattered memories
- Non-linear geometry = disrupted narrative

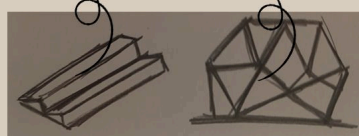
### ARCHITECTURAL FEATURE

- Tilted walls → pressure + control
- Narrow paths → forced movement
- Sudden openings → emotional release
- Light: dark → semi → open



### ORIGAMIC FOLDING

FORM - TILT ANGLE 10° - 15°

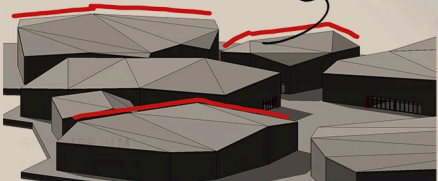


### PATHWAY (CENTRAL AXIS)

### AXIS GUIDES VISITOR

### EXPERIENCE SEQUENCE

1. Entry → Disorientation (narrow, unclear)
2. Axis → Confinement (compressed, tilted walls)
3. Nodes → Interruption (program spaces)
4. Plaza → Realiatic collective space

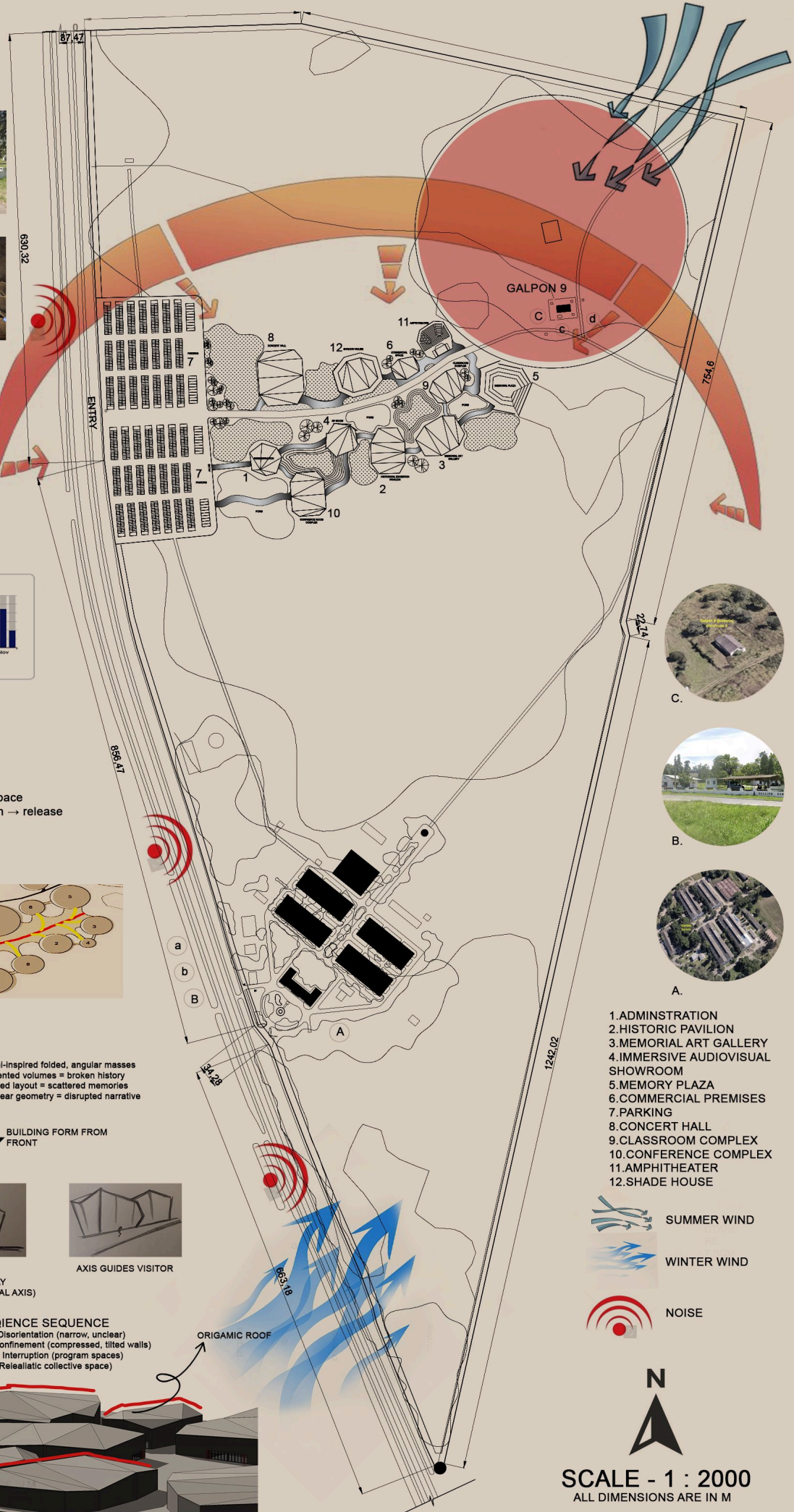


### DESIGN INTENT

- Movement is controlled, not free
- Space is felt, not just seen
- Architecture becomes experience of memory

### BRIEF CONNECTION

- Translates "active memory" into spatial experience
- Engages users through emotional + sensory journey

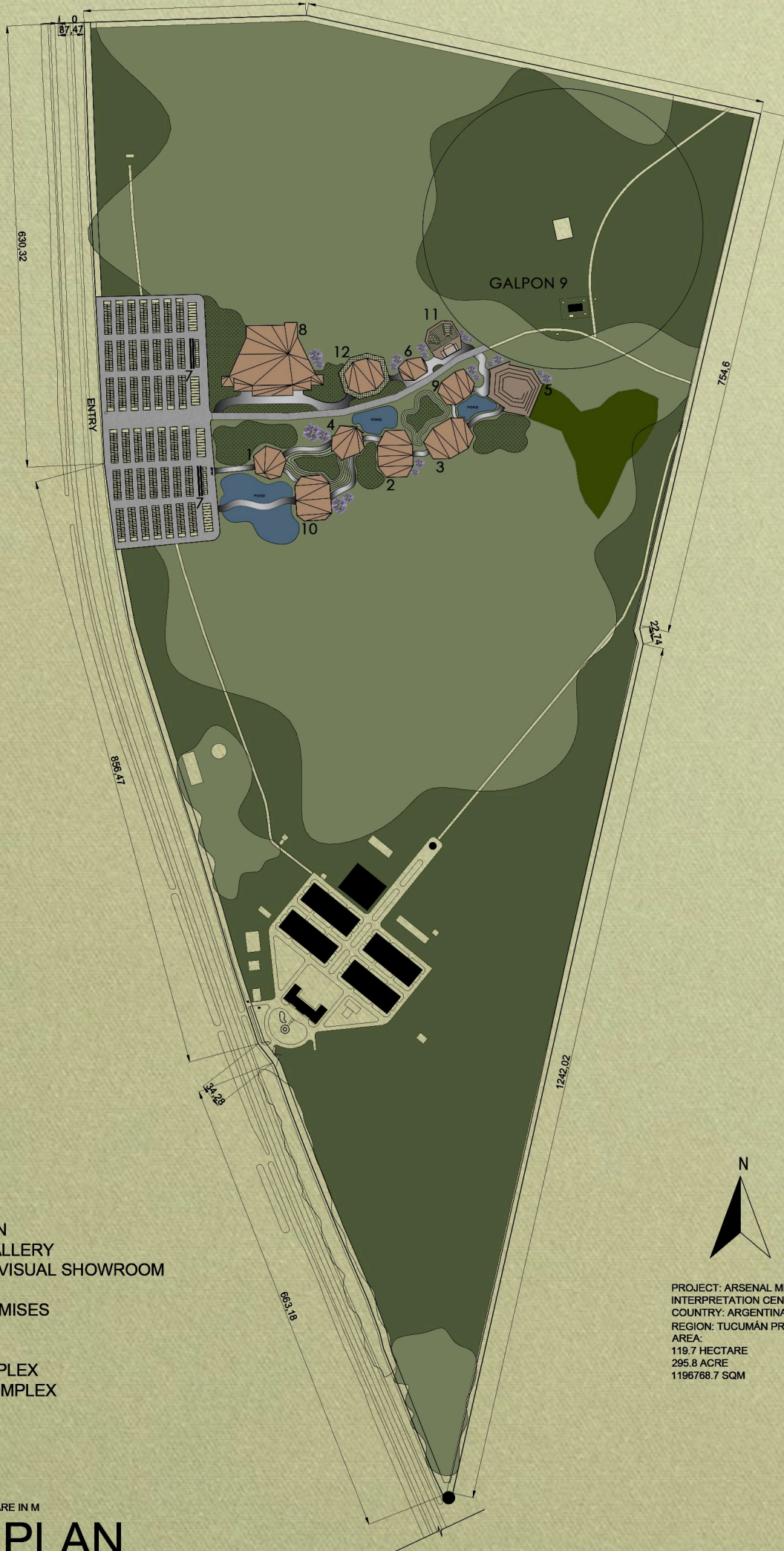


1. ADMINISTRATION
2. HISTORIC PAVILION
3. MEMORIAL ART GALLERY
4. IMMERSIVE AUDIOVISUAL SHOWROOM
5. MEMORY PLAZA
6. COMMERCIAL PREMISES
7. PARKING
8. CONCERT HALL
9. CLASSROOM COMPLEX
10. CONFERENCE COMPLEX
11. AMPHITHEATER
12. SHADE HOUSE

- SUMMER WIND
- WINTER WIND
- NOISE



SCALE - 1 : 2000  
 ALL DIMENSIONS ARE IN M



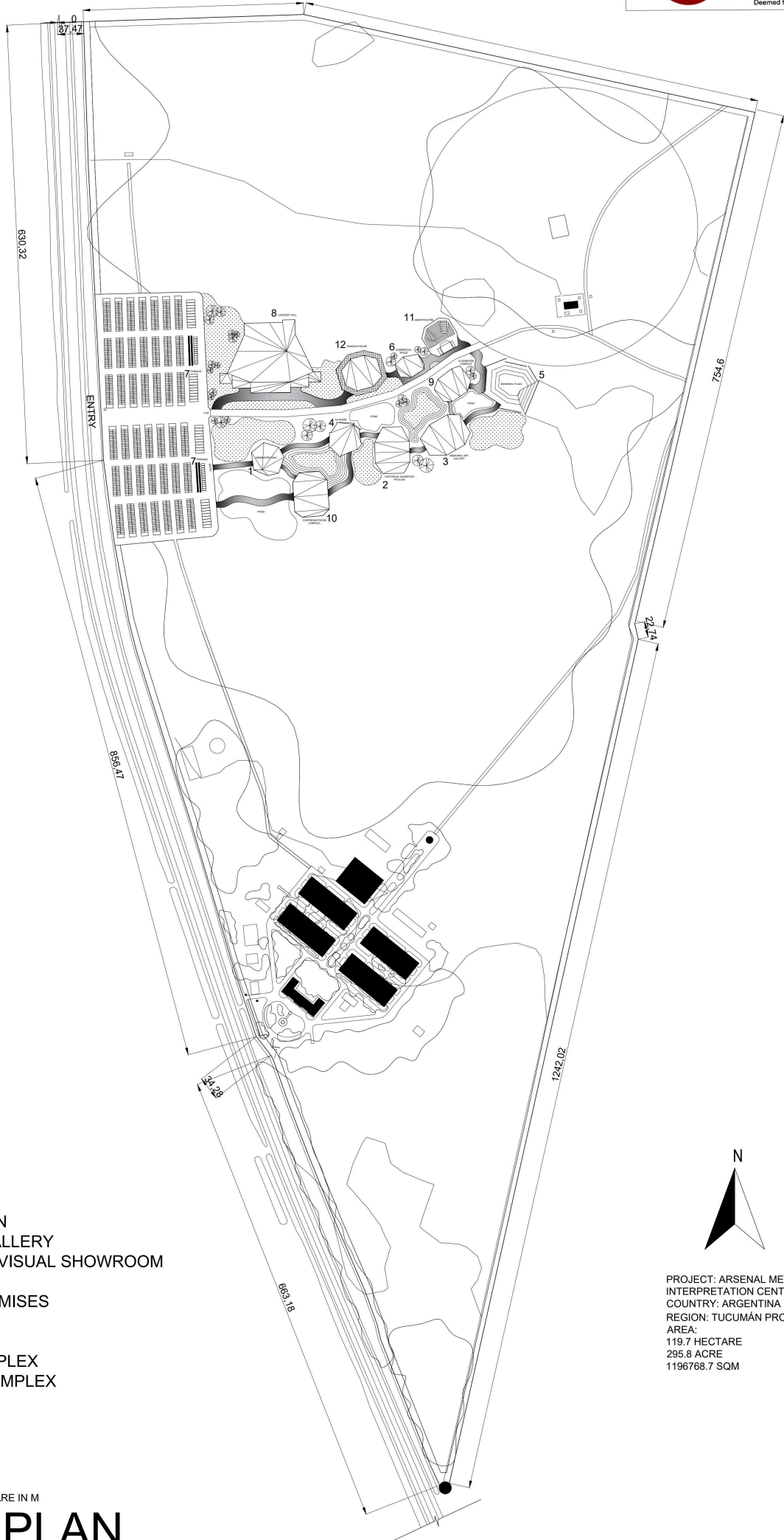
- 1. ADMINISTRATION
- 2. HISTORIC PAVILION
- 3. MEMORIAL ART GALLERY
- 4. IMMERSIVE AUDIOVISUAL SHOWROOM
- 5. MEMORY PLAZA
- 6. COMMERCIAL PREMISES
- 7. PARKING
- 8. CONCERT HALL
- 9. CLASSROOM COMPLEX
- 10. CONFERENCE COMPLEX
- 11. AMPHITHEATER
- 12. SHADE HOUSE

PROJECT: ARSENAL MEMORY PARK  
 INTERPRETATION CENTRE  
 COUNTRY: ARGENTINA  
 REGION: TUCUMÁN PROVINOK  
 AREA:  
 119.7 HECTARE  
 295.8 ACRE  
 1196768.7 SQM

SCALE - 1: 2000, ALL DIMENSIONS ARE IN M

## 01 SITE PLAN

# INTERPRETATION CENTRE



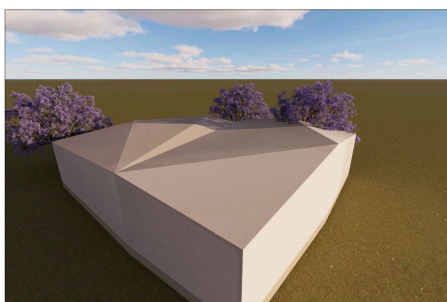
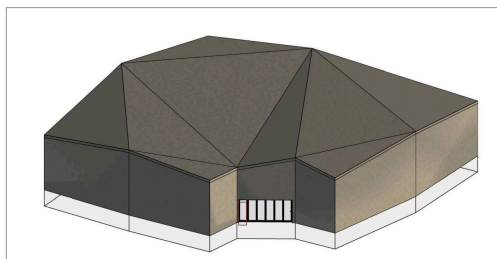
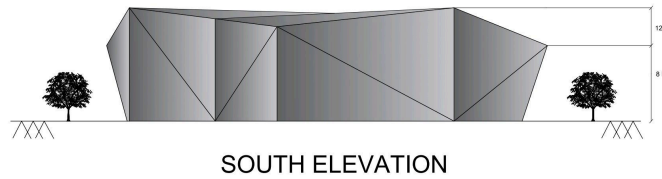
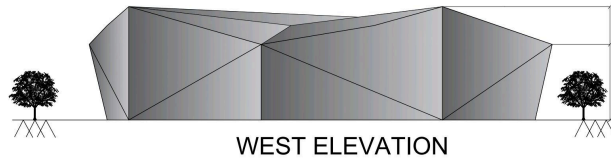
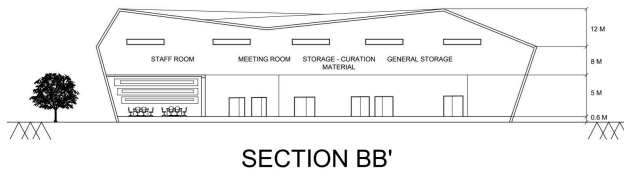
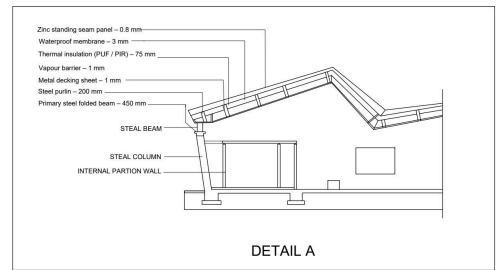
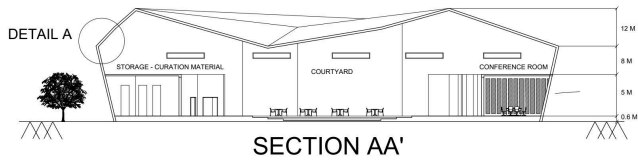
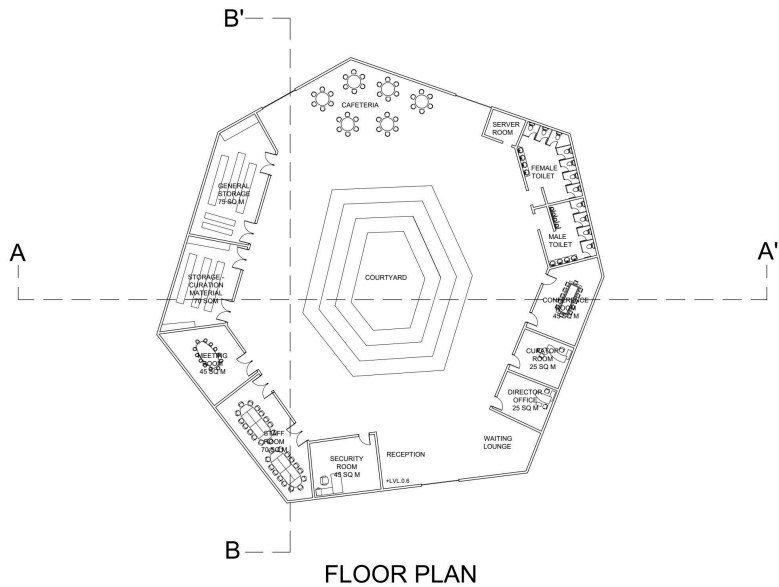
- 1. ADMINISTRATION
- 2. HISTORIC PAVILION
- 3. MEMORIAL ART GALLERY
- 4. IMMERSIVE AUDIOVISUAL SHOWROOM
- 5. MEMORY PLAZA
- 6. COMMERCIAL PREMISES
- 7. PARKING
- 8. CONCERT HALL
- 9. CLASSROOM COMPLEX
- 10. CONFERENCE COMPLEX
- 11. AMPHITHEATER
- 12. SHADE HOUSE



PROJECT: ARSENAL MEMORY PARK  
 INTERPRETATION CENTRE  
 COUNTRY: ARGENTINA  
 REGION: TUCUMÁN PROVINOK  
 AREA:  
 119.7 HECTARE  
 295.8 ACRE  
 1196768.7 SQM

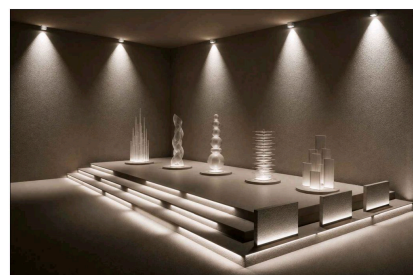
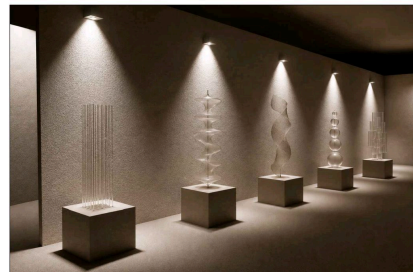
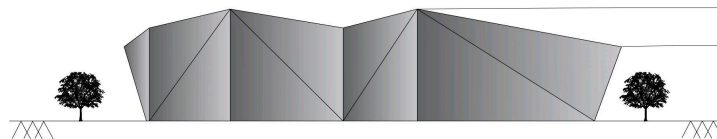
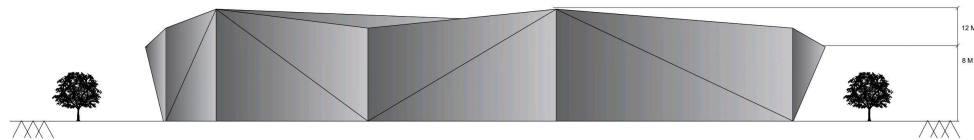
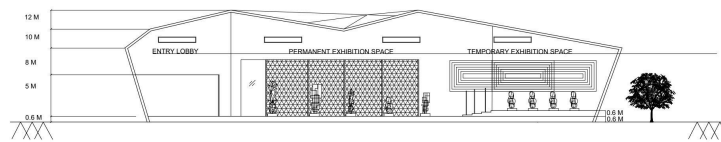
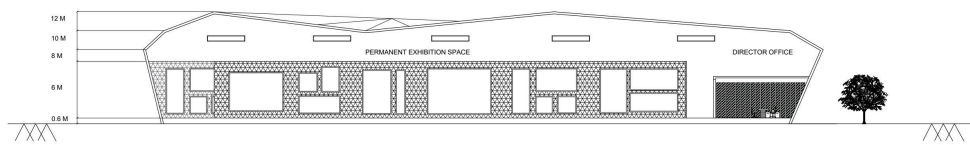
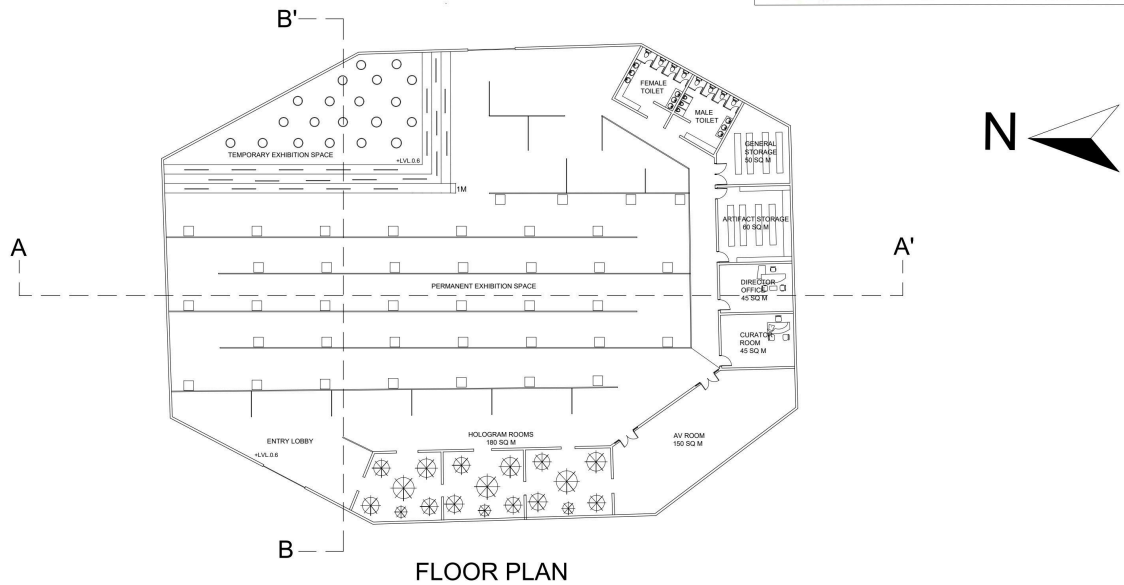
SCALE - 1: 2000, ALL DIMENSIONS ARE IN M

## 01 SITE PLAN



SCALE - 1: 200, ALL DIMENSIONS ARE IN M

**02 ADMINISTRATION** 1000 SQ. M

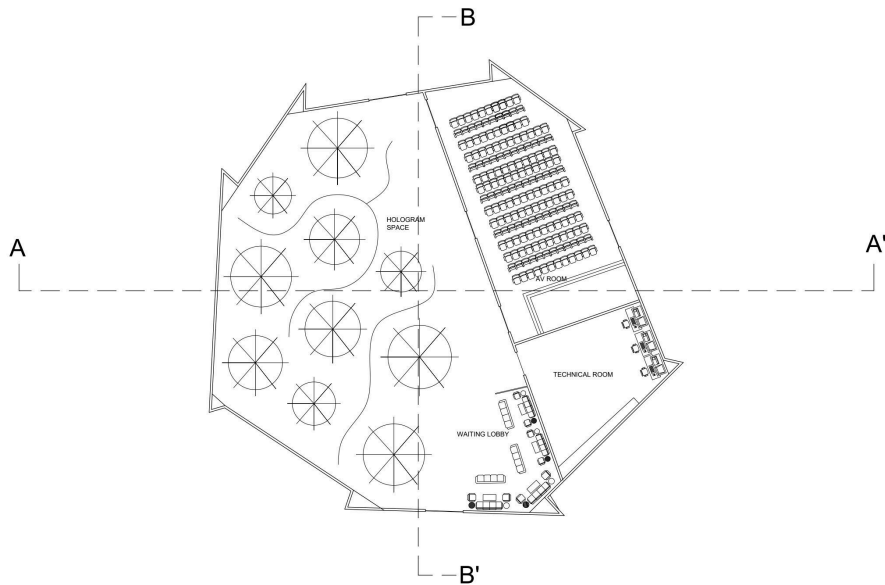


SCALE - 1 : 200, ALL DIMENSIONS ARE IN M

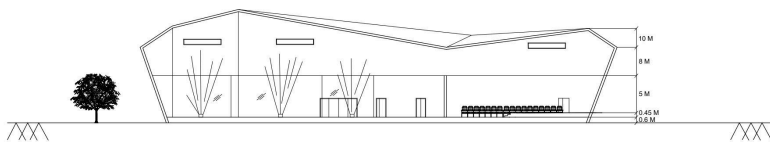
1500 SQ. M

## 03 HISTORIC EXHIBITION PAVILLION

# INTERPRETATION CENTRE



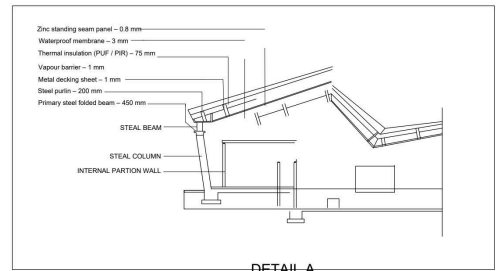
FLOOR PLAN



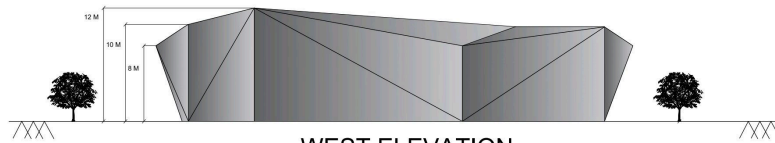
SECTION AA'



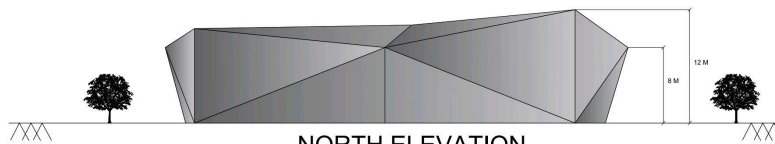
SECTION BB'



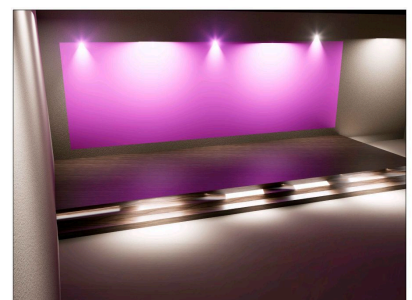
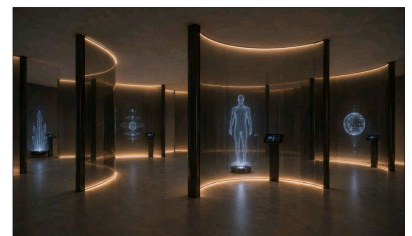
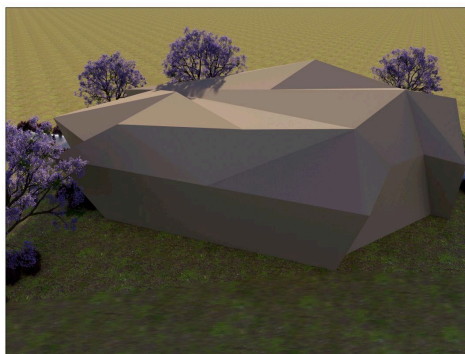
DETAIL A



WEST ELEVATION



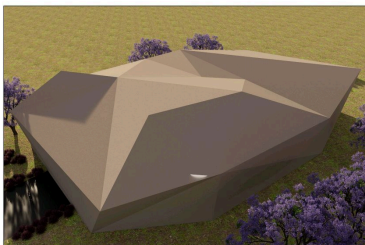
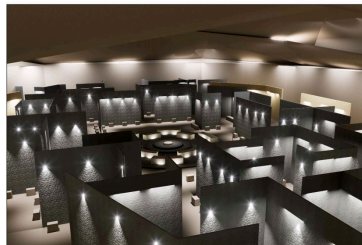
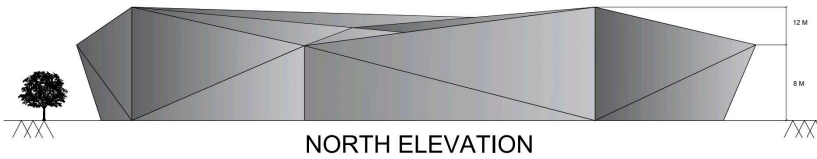
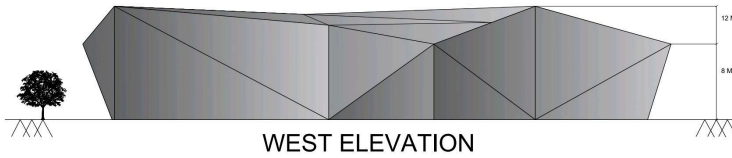
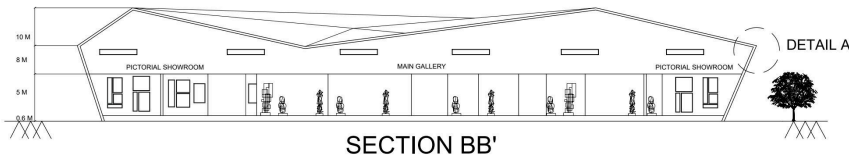
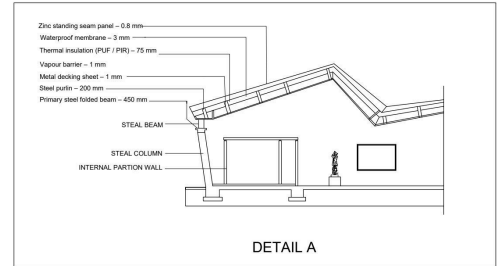
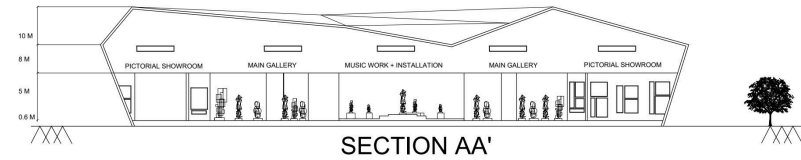
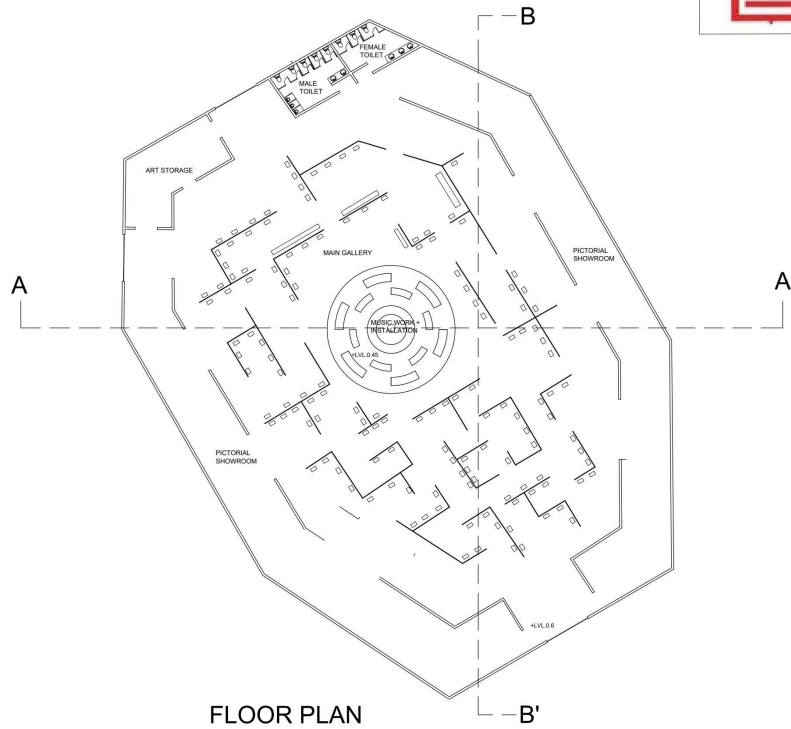
NORTH ELEVATION



SCALE - 1: 200, ALL DIMENSIONS ARE IN M

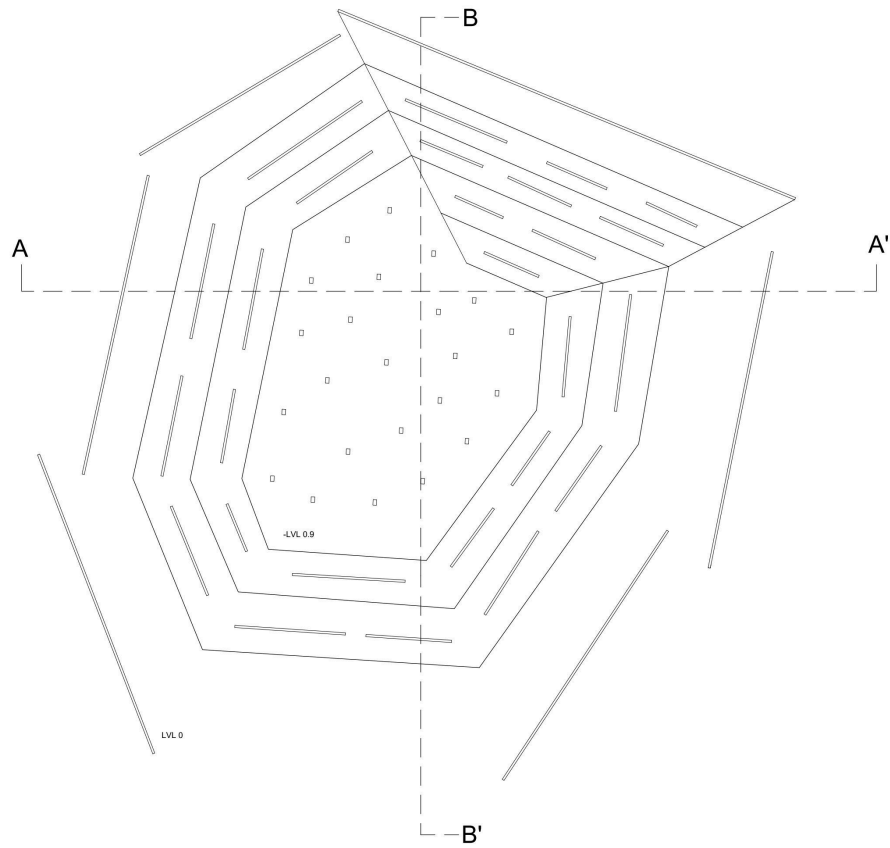
**04 AUDIO VISUAL SHOWROOM** 500 SQ. M

# INTERPRETATION CENTRE

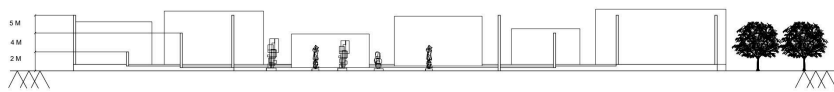


SCALE - 1: 200, ALL DIMENSIONS ARE IN M

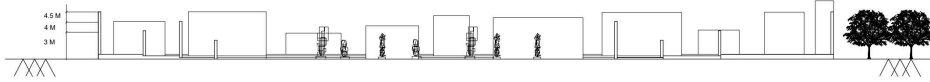
## 05 MEMORIAL ART GALLERY 1500 SQ. M



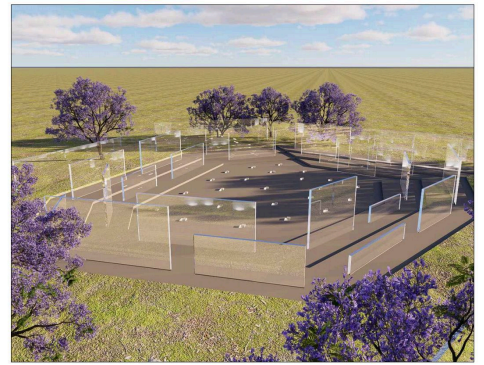
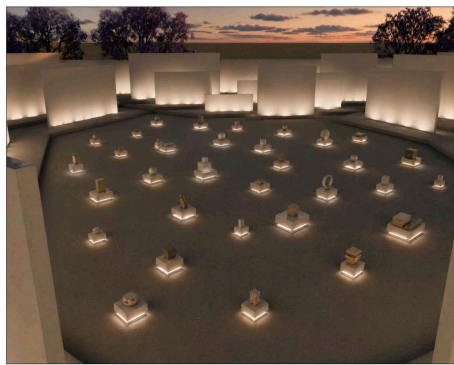
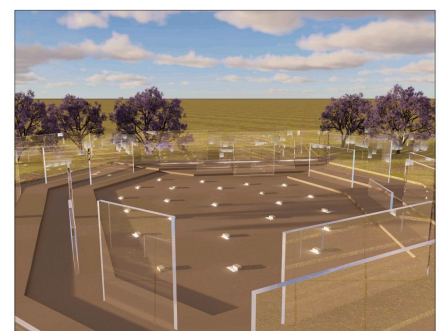
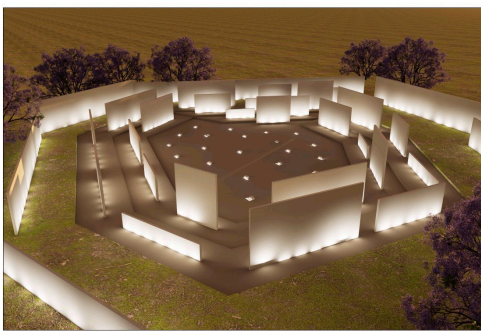
FLOOR PLAN



SECTION AA'



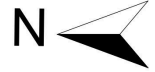
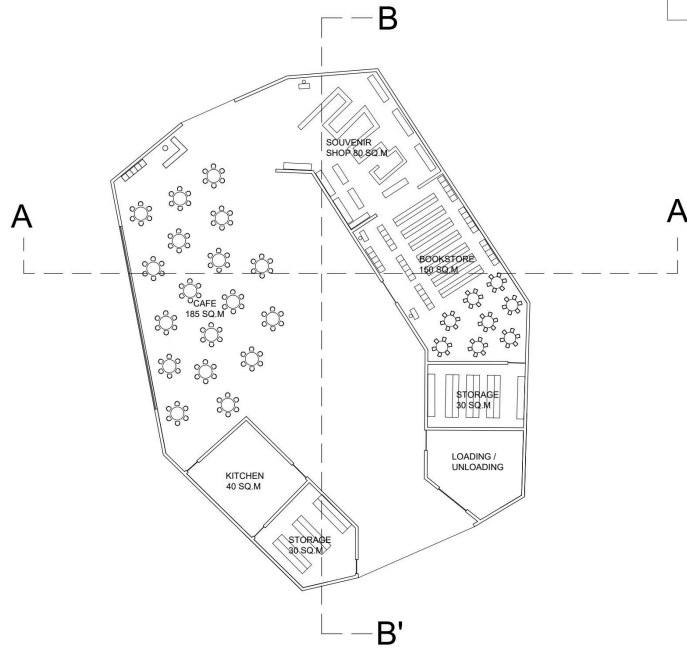
SECTION BB'



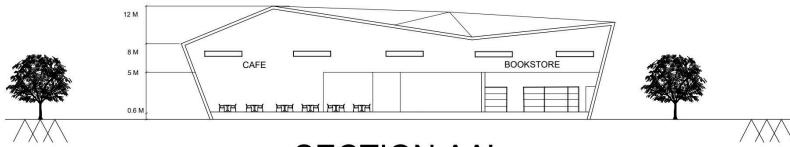
SCALE - 1: 200, ALL DIMENSIONS ARE IN M

## 06 MEMORY PLAZA 2500 SQ. M

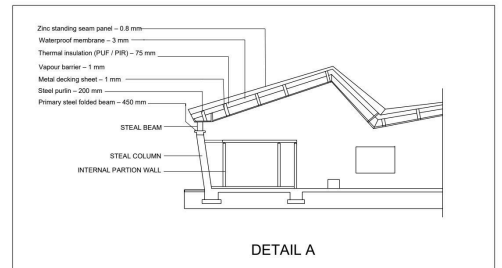
# INTERPRETATION CENTRE



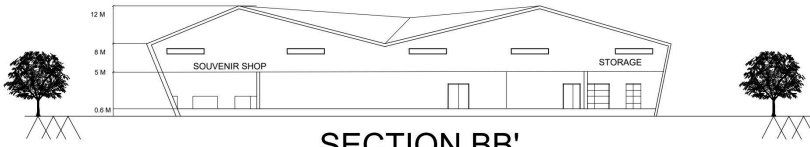
FLOOR PLAN



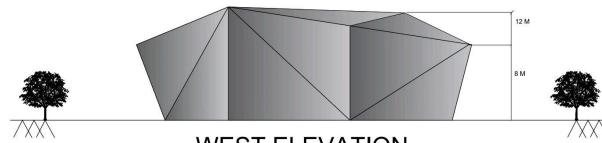
SECTION AA'



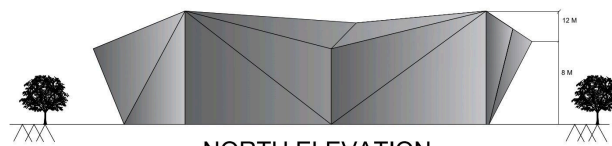
DETAIL A



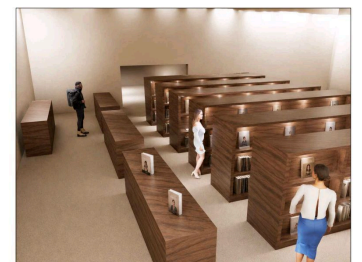
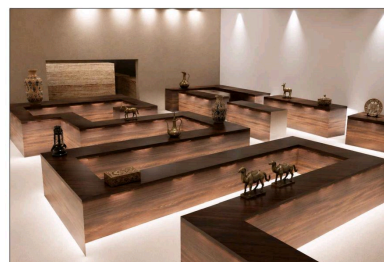
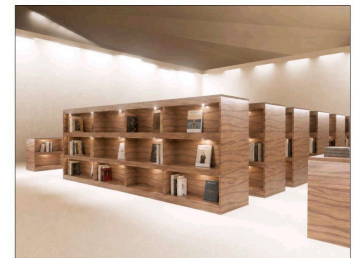
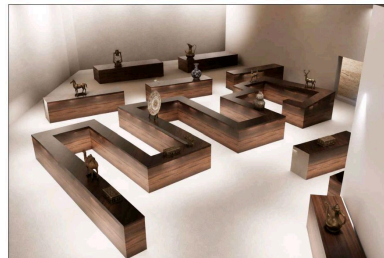
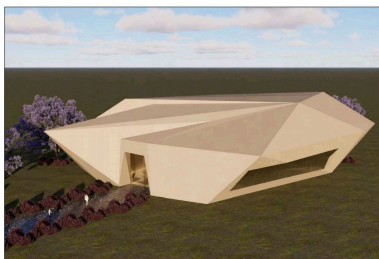
SECTION BB'



WEST ELEVATION



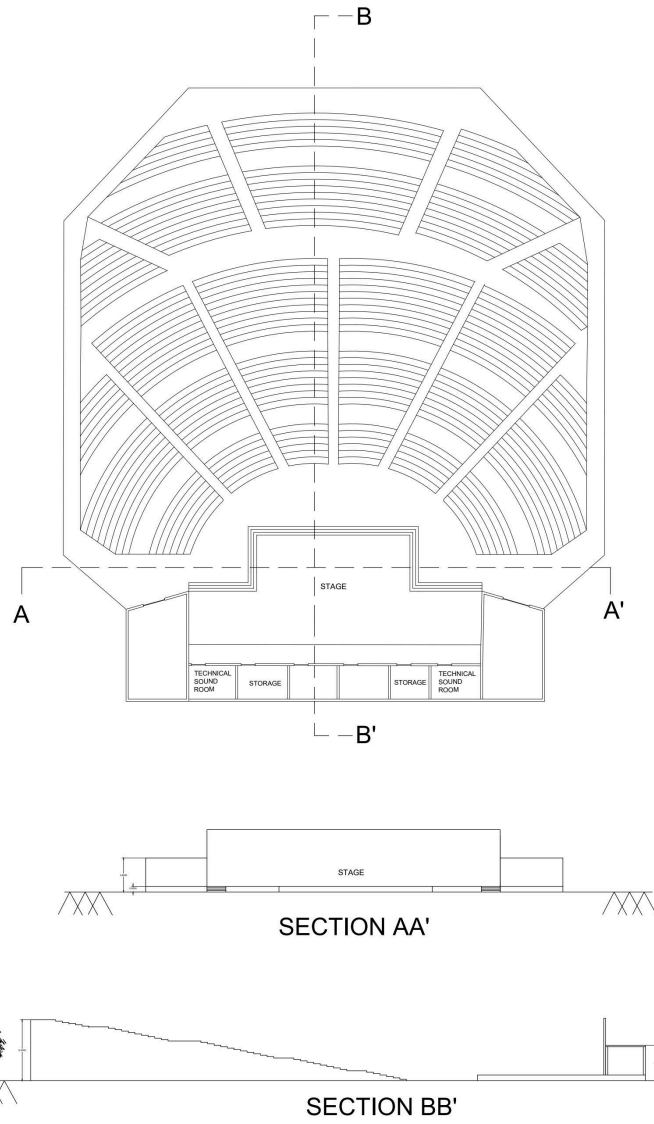
NORTH ELEVATION



SCALE - 1: 200, ALL DIMENSIONS ARE IN M

**07 COMMERCIAL PREMISES** 1500 SQ. M

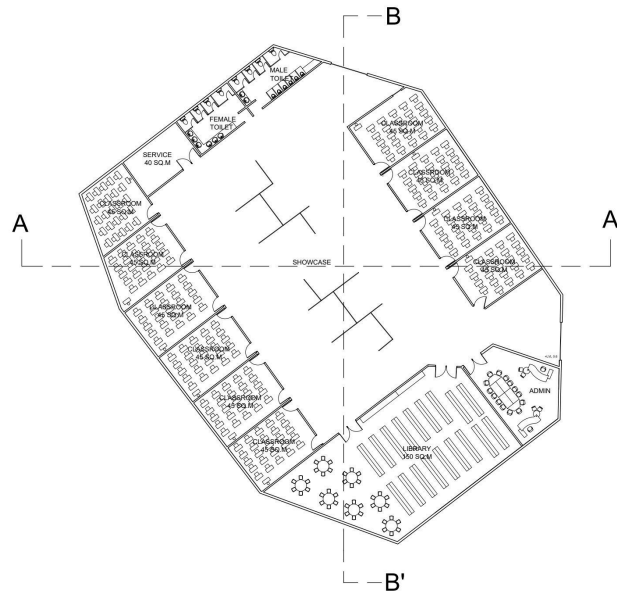
# INTERPRETATION CENTRE



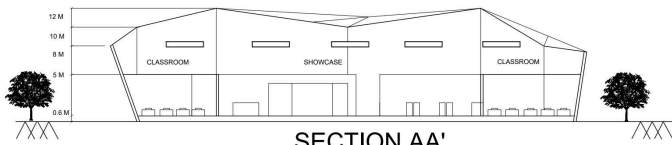
SCALE - 1 : 200, ALL DIMENSIONS ARE IN M

## 08 AMPHITHEATER 1000 SQ. M

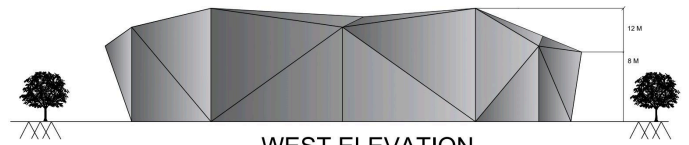
# INTERPRETATION CENTRE



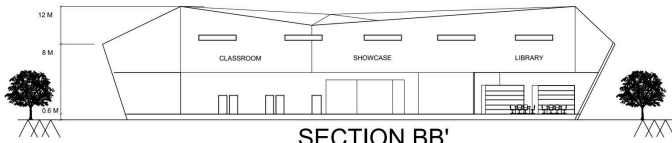
FLOOR PLAN



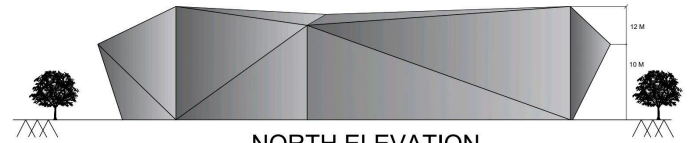
SECTION AA'



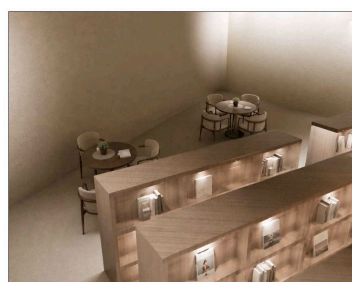
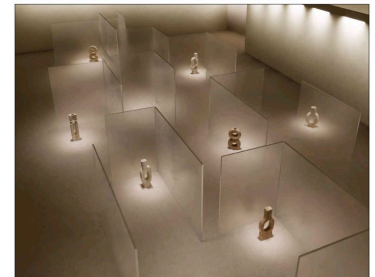
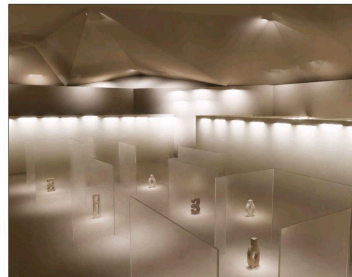
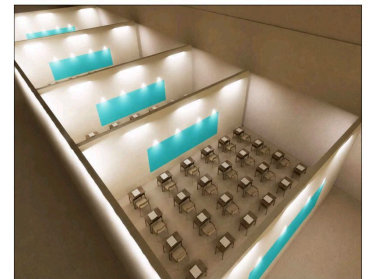
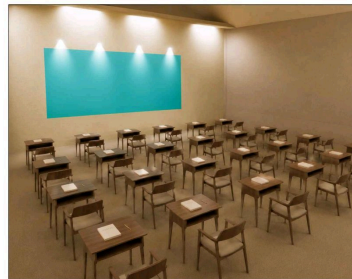
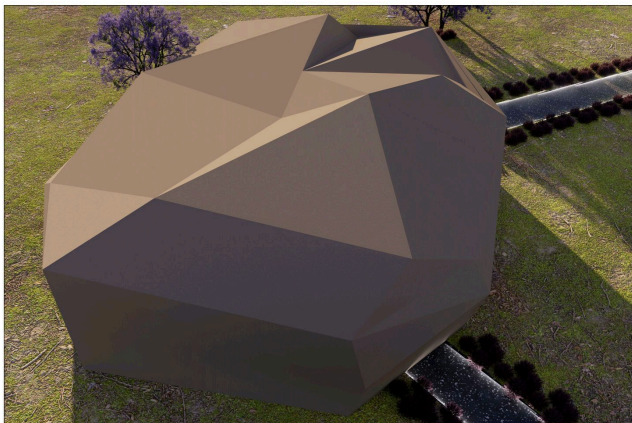
WEST ELEVATION



SECTION BB'



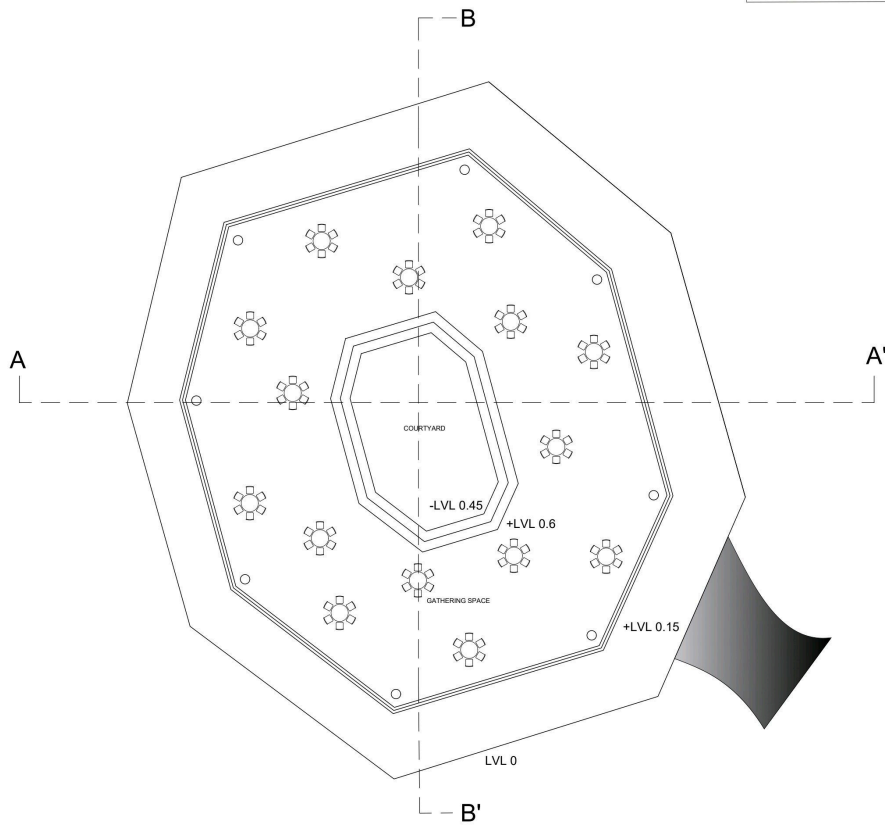
NORTH ELEVATION



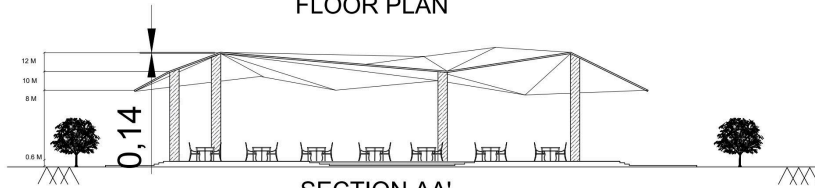
SCALE - 1: 200, ALL DIMENSIONS ARE IN M

## 09 CLASSROOM COMPLEX 2500 SQ. M

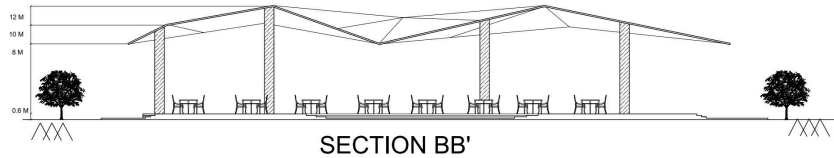
# INTERPRETATION CENTRE



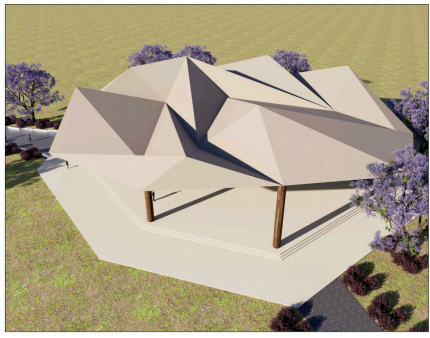
FLOOR PLAN



SECTION AA'



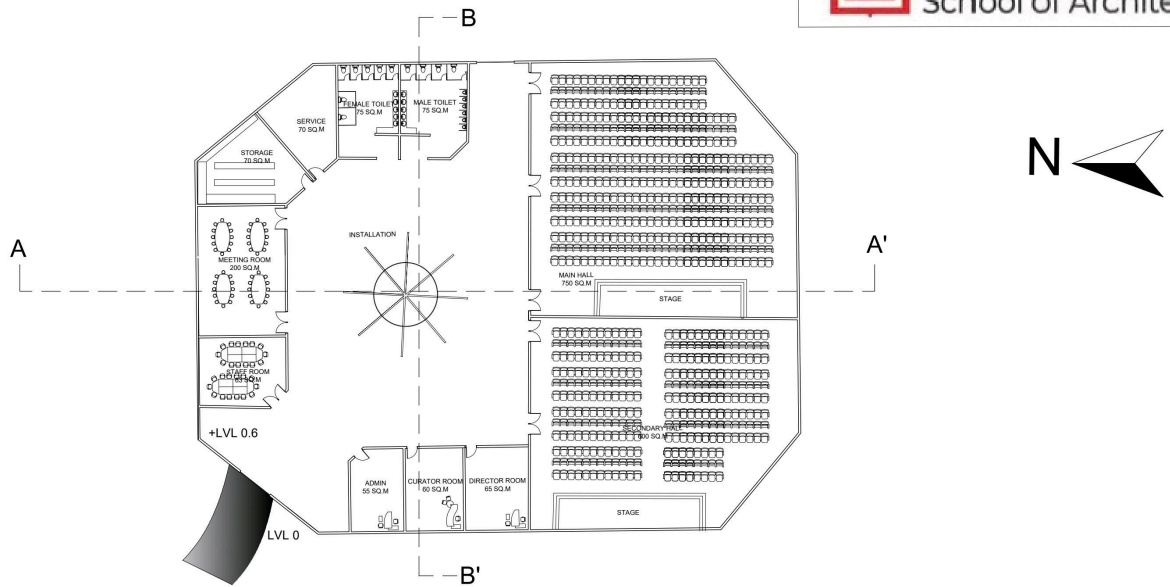
SECTION BB'



SCALE - 1: 200, ALL DIMENSIONS ARE IN M

## 10 SHADE HOUSE 400 SQ. M

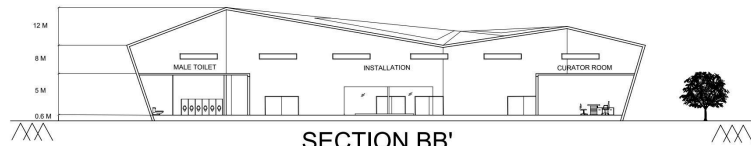
# INTERPRETATION CENTRE



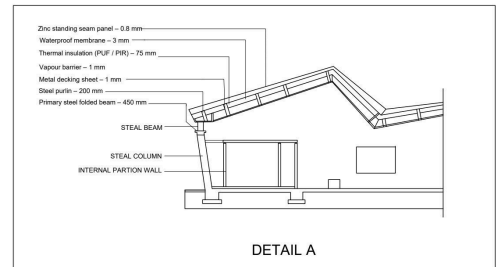
FLOOR PLAN



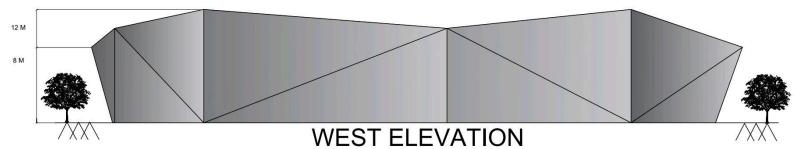
SECTION AA'



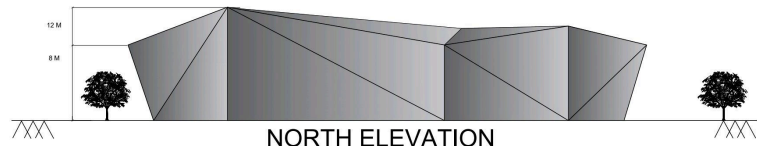
SECTION BB'



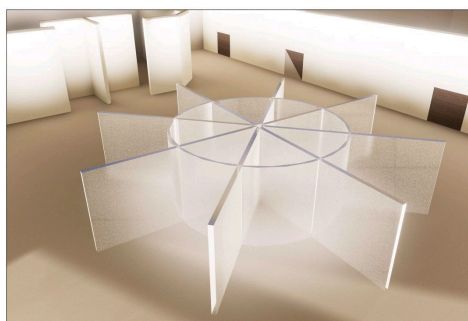
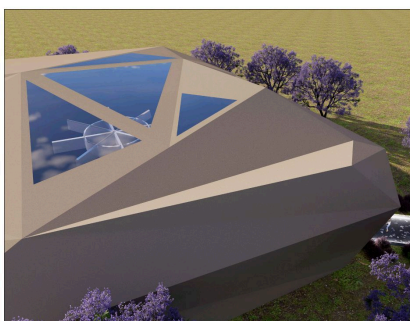
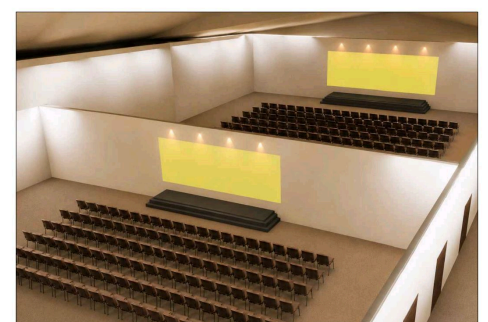
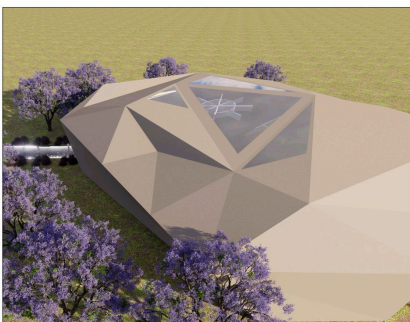
DETAIL A



WEST ELEVATION



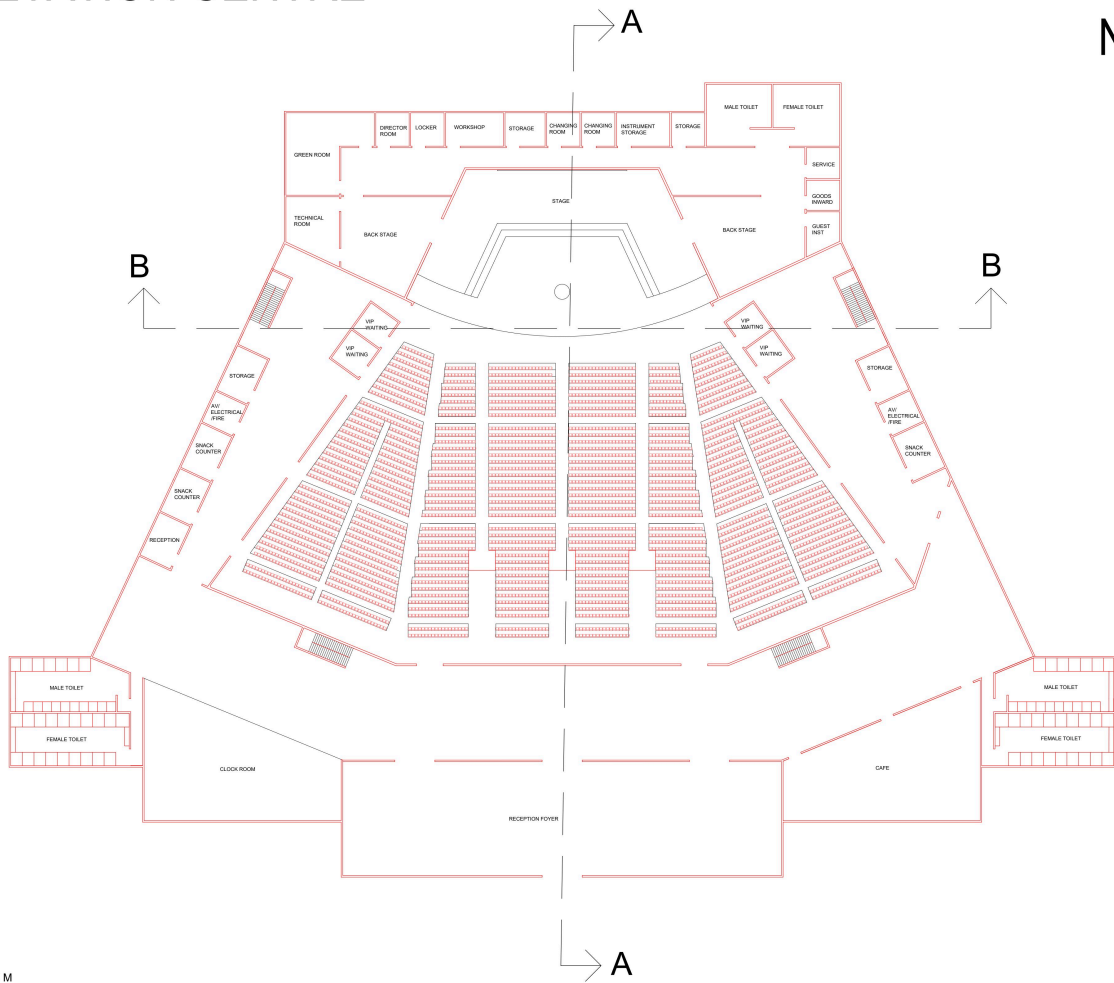
NORTH ELEVATION



SCALE - 1: 200, ALL DIMENSIONS ARE IN M

# 11 CONFERENCE ROOM COMPLEX 2500 SQ. M

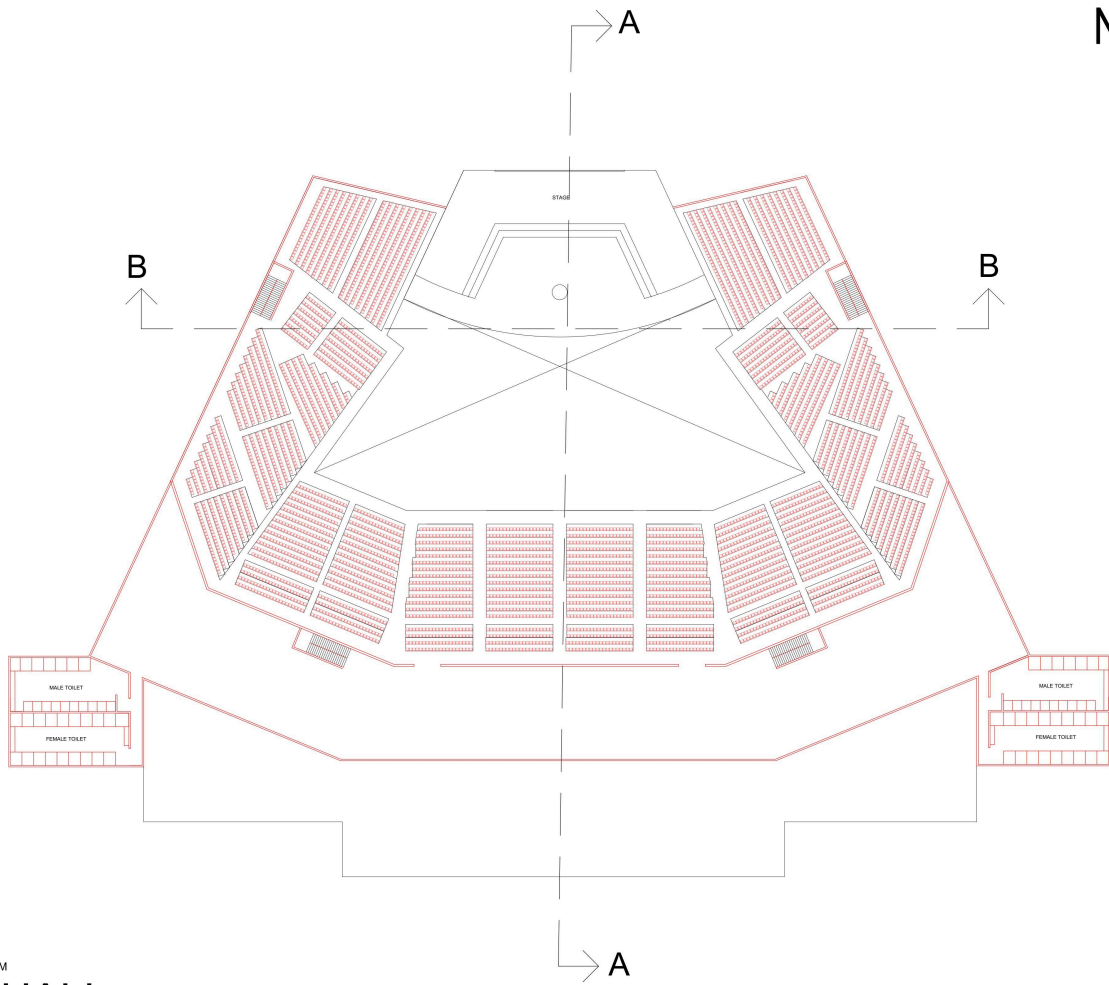
# INTERPRETATION CENTRE



SCALE - 1: 200, ALL DIMENSIONS ARE IN M

# CONCERT HALL

# INTERPRETATION CENTRE

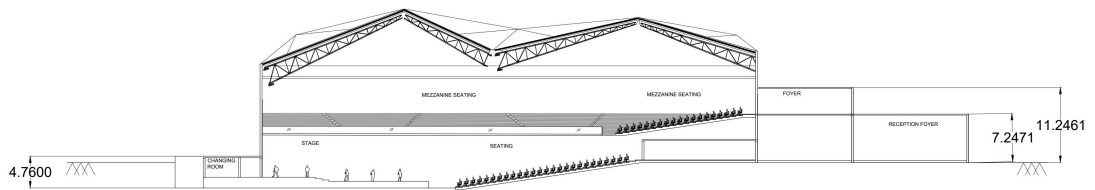


SCALE - 1: 200, ALL DIMENSIONS ARE IN M

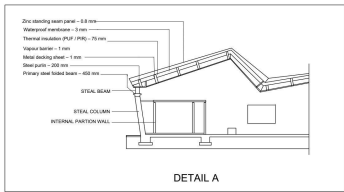
# CONCERT HALL

V. DEVADHARSHINI, 230101601008, B. ARCH, A - SECTION

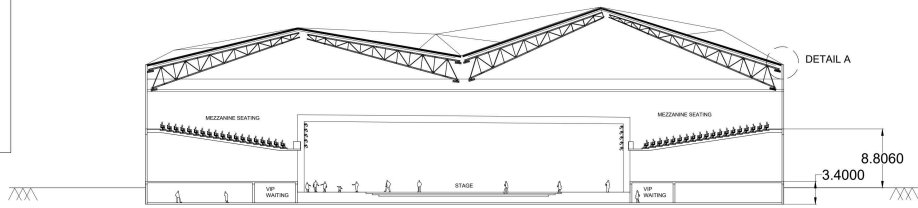
# INTERPRETATION CENTRE



SECTION AA'



DETAIL A



SECTION BB'



# CONCERT HALL

SCALE - 1: 200, ALL DIMENSIONS ARE IN M

V. DEVADHARSHINI, 230101601008, B. ARCH, A - SECTION