

SITE CONTEXT OVERVIEW

LOCATION
 PROVINCE: TUCUMÁN, ARGENTINA
 SITE: FORMER ARSENAL MIGUEL DE AZCUÉNAGA
 EDGE CONDITION: TRANSITION BETWEEN URBAN EXPANSION + SEMI-RURAL LANDSCAPE

CLIMATE ANALYSIS

CLIMATE TYPE:
 HUMID SUBTROPICAL

TEMPERATURE :
 SUMMER: 30-40°C (HOT, HUMID)
 WINTER: 10-20°C (MILD)
 {DESIGN RESPONSE: SHADE IS CRITICAL & AVOID EXPOSED HARDSCAPE IN PUBLIC AREAS}

TOPOGRAPHY + HYDROLOGY

TERRAIN
 MOSTLY FLAT TO GENTLY UNDULATING AND CONTOUR SLIGHT DEPRESSIONS USEFUL FOR:
 - WATER COLLECTION
 - MEMORIAL VOIDS

WATER STRATEGY

MUST ACT AS:
 FLOOD MITIGATION SYSTEM
 ECOLOGICAL RESERVE

DESIGN IMPLICATIONS:
 BIOSWALES
 RETENTION PONDS
 WETLAND LANDSCAPES

PROJECT DESCRIPTION

THE PROJECT PROPOSES AN INTERPRETATION CENTER AS A SPATIAL NARRATIVE OF MEMORY, TRAUMA, AND HEALING. RATHER THAN FUNCTIONING AS A CONVENTIONAL MUSEUM, THE DESIGN TRANSFORMS THE SITE INTO AN EXPERIENTIAL JOURNEY, WHERE ARCHITECTURE ITSELF BECOMES A MEDIUM OF STORYTELLING.

THE SITE IS CONCEIVED AS A LAYERED TESTIMONY, INTEGRATING PRESERVED HISTORICAL STRUCTURES, MEMORIAL LANDSCAPES, AND CURATED EXHIBITION SPACES. EACH ELEMENT CONTRIBUTES TO A COLLECTIVE ACT OF REMEMBERING—GUIDING VISITORS THROUGH A SEQUENCE OF AWARENESS, CONFRONTATION, REFLECTION, AND RESOLUTION.

THE DESIGN ACKNOWLEDGES HISTORY NOT AS STATIC INFORMATION, BUT AS AN EMOTIONAL AND SPATIAL EXPERIENCE, ALLOWING VISITORS TO ENGAGE WITH THE PAST WHILE EMERGING WITH A SENSE OF UNDERSTANDING AND HOPE.

CONCEPT

REVEAL - REMEMBER - REFLECT - RECONNECT

THE CONCEPT IS BASED ON MEMORY AS A TEMPORAL CONTINUUM:

PAST → PRESENT → FUTURE

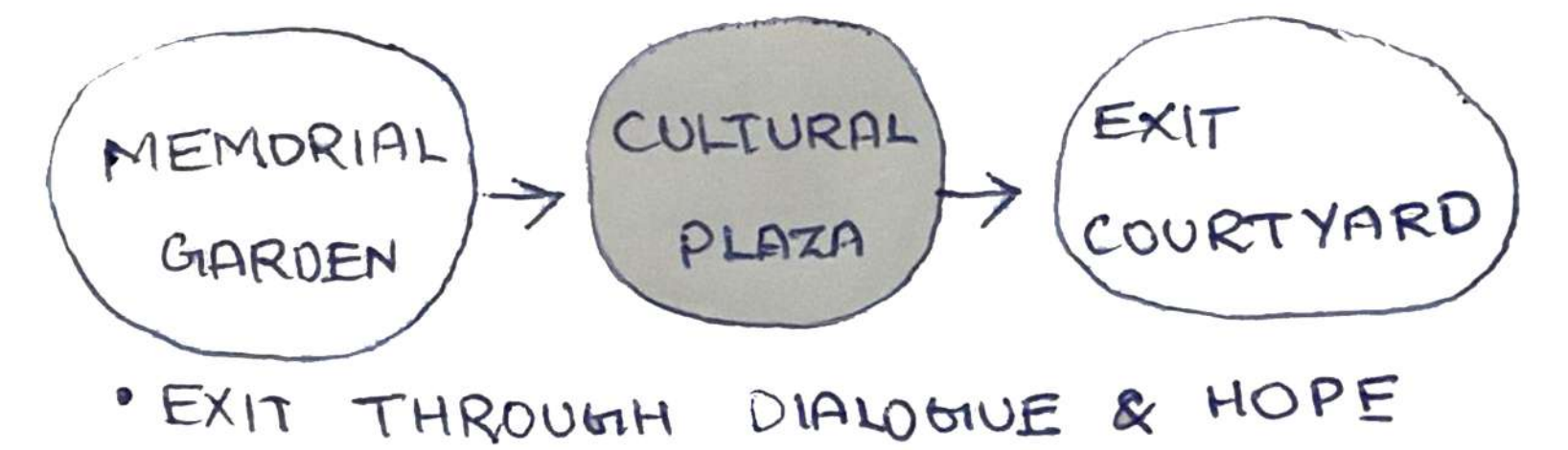
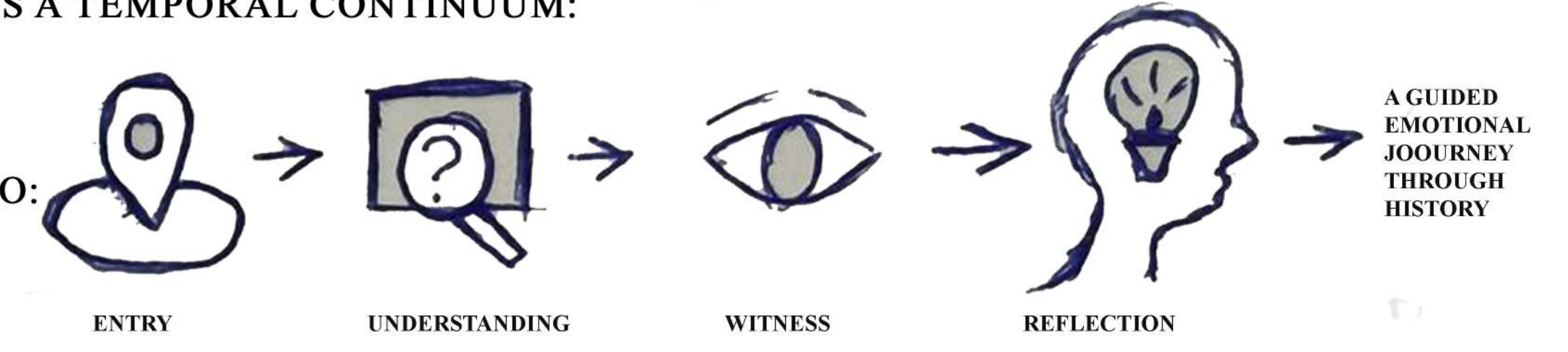
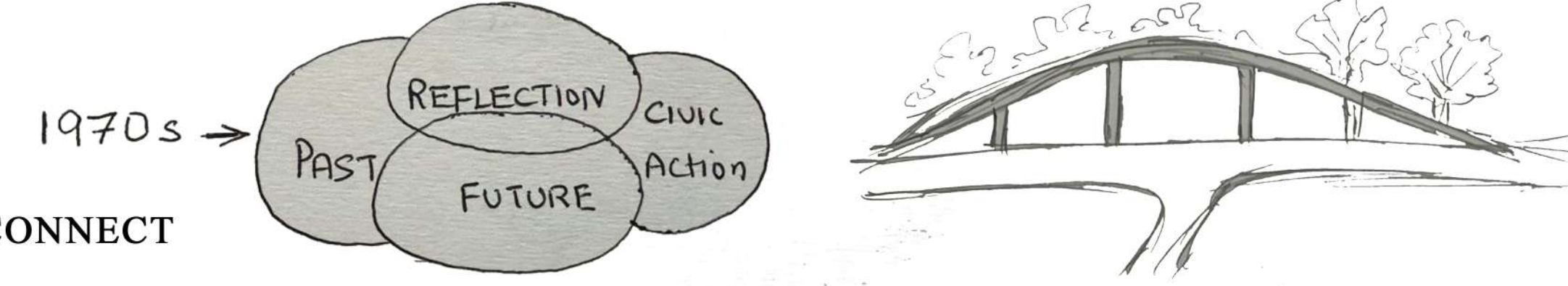
ARCHITECTURE TRANSLATES THIS INTO:

MOVEMENT THROUGH TIME
 EMOTIONAL TRANSITIONS
 SPATIAL SEQUENCING
 SPATIAL NARRATIVE FLOW:

ENTRY → UNDERSTANDING → WITNESS → REFLECTION → HEALING

THIS IS REINFORCED THROUGH:

LINEAR PRIMARY PATH (CONTROLLED JOURNEY)
 SECONDARY PATHS (EXPLORATION & PAUSE)
 GRADUAL TRANSFORMATION OF SPACE AND LIGHT

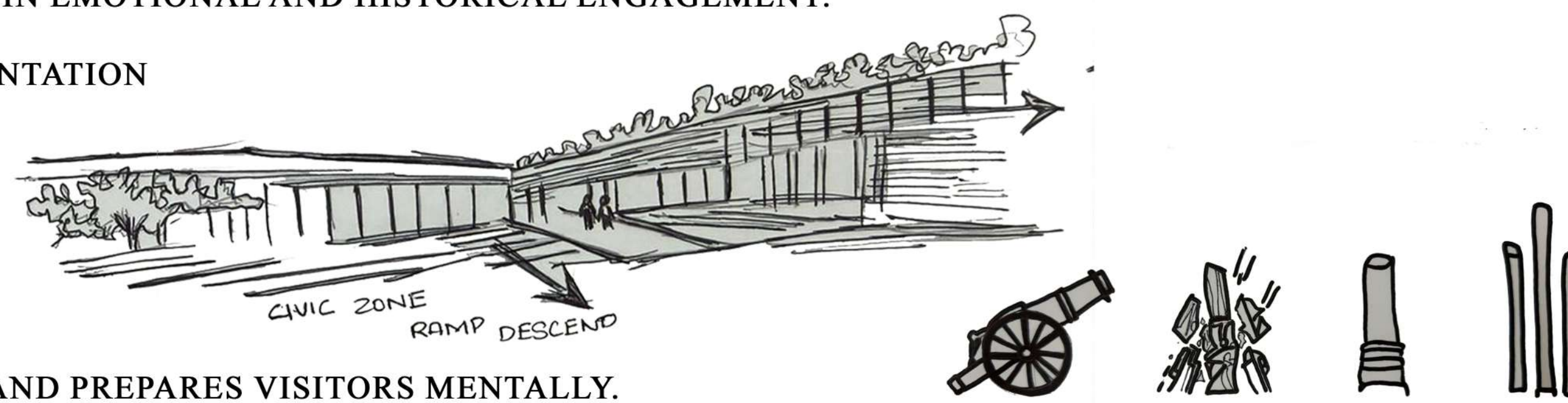


PROGRAM AND FUNCTION

THE PROGRAM IS ORGANIZED INTO 5 EXPERIENTIAL ZONES, EACH REPRESENTING A STAGE IN EMOTIONAL AND HISTORICAL ENGAGEMENT:

ZONE 1 - ARRIVAL / ORIENTATION

VISITOR CENTER
 ADMINISTRATION
 TICKETING
 ORIENTATION THEATRE
 CAFÉ & BOOKSTORE



FUNCTION:
 INTRODUCES CONTEXT AND PREPARES VISITORS MENTALLY.
 CHARACTER: OPEN, PUBLIC, BRIGHT.

ZONE 2 - INTERPRETATION

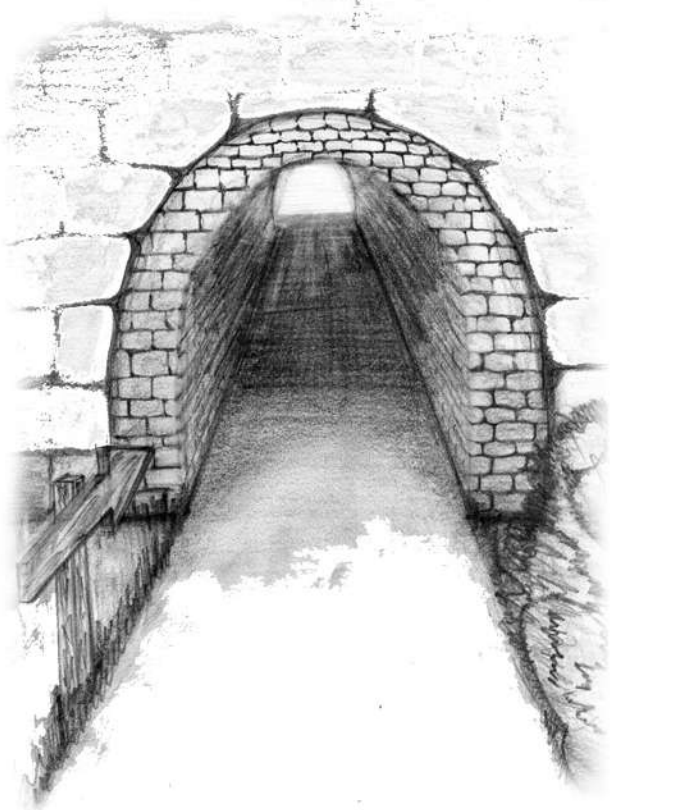
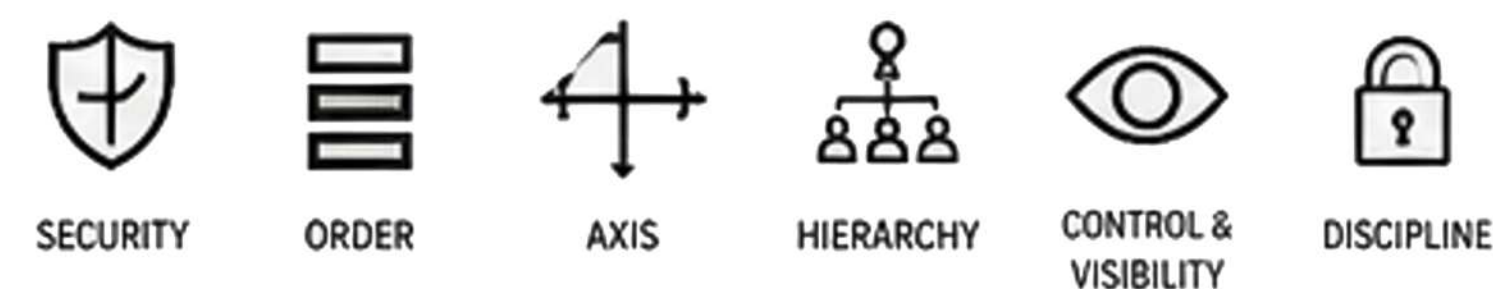
EXHIBITION GALLERIES
 MULTIMEDIA ROOMS
 EDUCATIONAL SPACES



FUNCTION:
 PROVIDES HISTORICAL UNDERSTANDING AND CONTEXT.
 CHARACTER: SEMI-LIT, CONTROLLED, IMMERSIVE.

ZONE 3 - TESTIMONY CORE

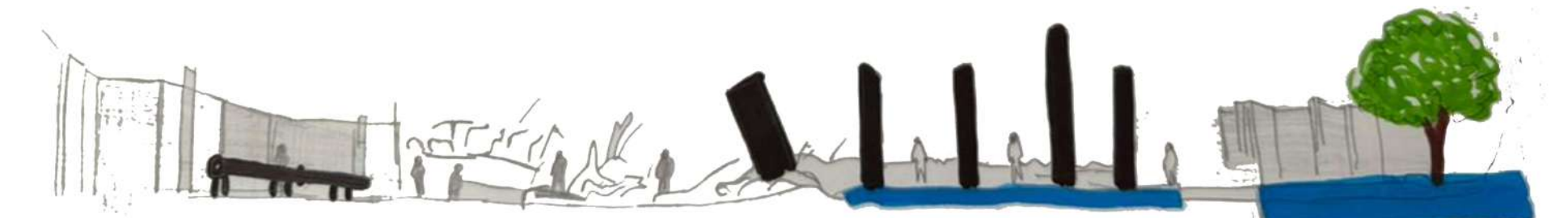
BARRACKS MUSEUM
 PRESERVED STRUCTURES
 TESTIMONY ROOMS
 RECONSTRUCTION GALLERIES



FUNCTION:
 DIRECT CONFRONTATION WITH HISTORY AND LIVED EXPERIENCES
 CHARACTER: DARK, COMPRESSED, INTENSE.

ZONE 4 - MEMORIAL LANDSCAPE

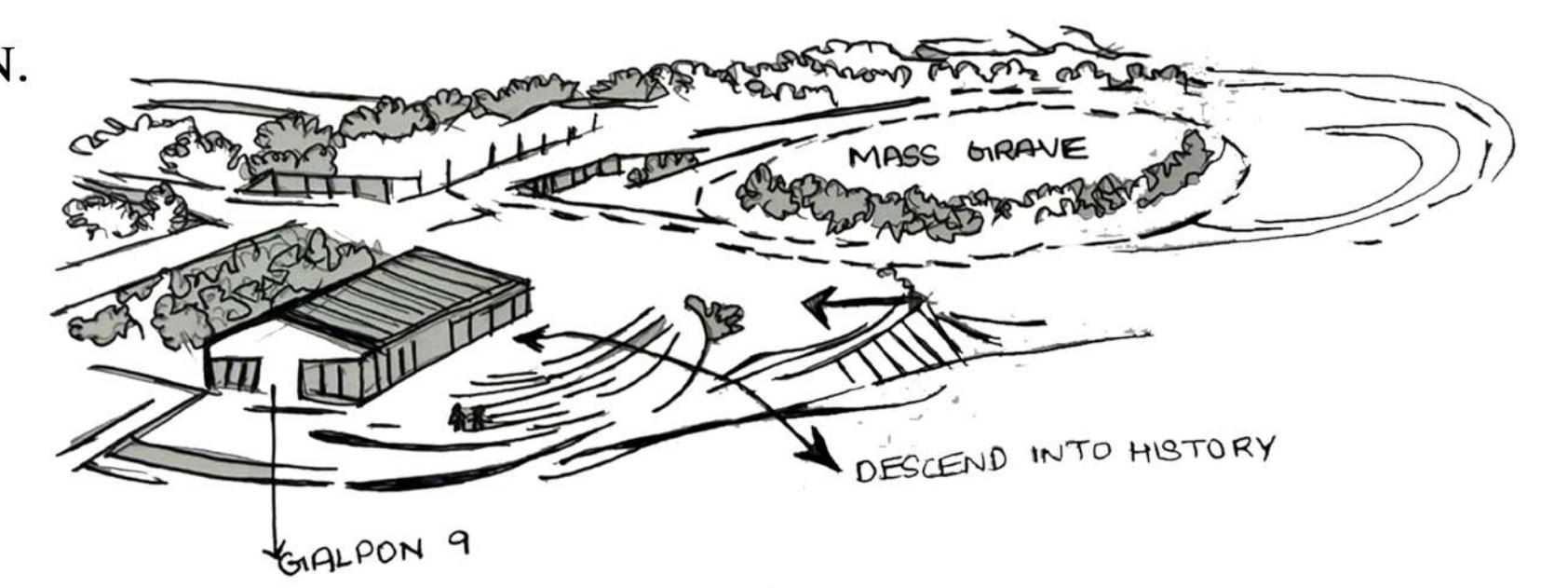
MEMORIAL GARDEN
 REFLECTION COURTS
 SILENCE ZONES
 WATER ELEMENTS



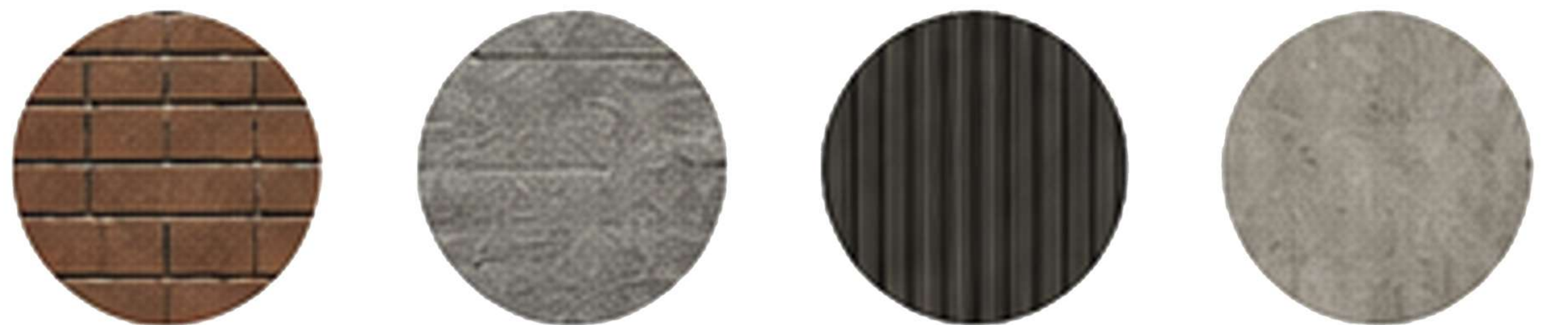
FUNCTION:
 EMOTIONAL PROCESSING AND INTROSPECTION.
 CHARACTER: OPEN, QUIET, CONTEMPLATIVE.

ZONE 5 - DIALOGUE / FUTURE

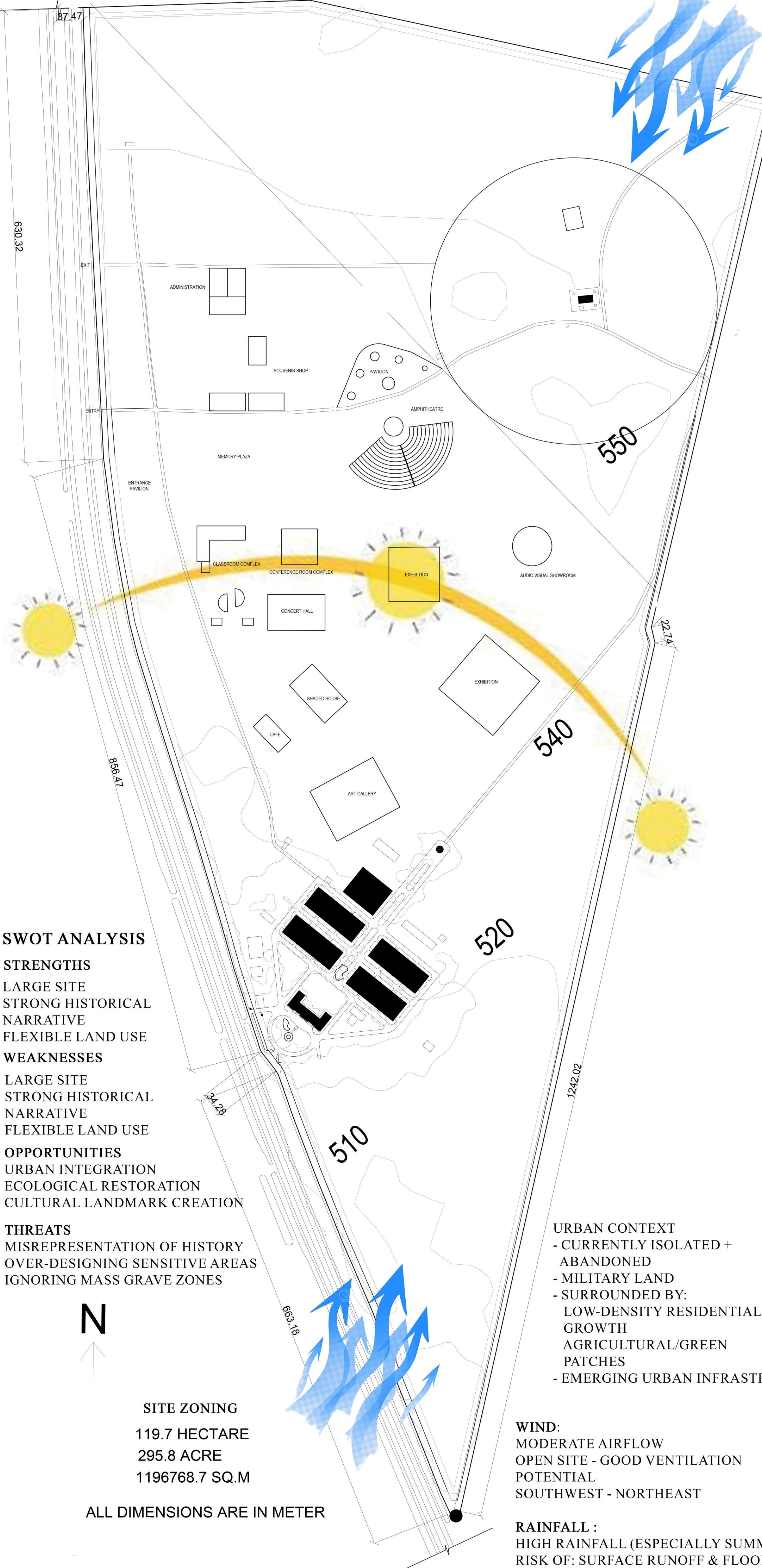
CULTURAL PLAZA
 AMPHITHEATRE
 RESEARCH CENTER
 ARCHIVE LIBRARY



FUNCTION:
 ENCOURAGES DIALOGUE, LEARNING, AND FORWARD THINKING.
 CHARACTER: LIGHT, OPEN, HOPEFUL.



EXPOSED BRICK ARSENAL HERITAGE
 CORTEN STEEL SHADING ELEMENTS
 GRANITE STONE PLINTH AND WALLS
 RCC + PLASTER INTERIORS



SWOT ANALYSIS

STRENGTHS
 LARGE SITE
 STRONG HISTORICAL NARRATIVE
 FLEXIBLE LAND USE

WEAKNESSES
 LARGE SITE
 STRONG HISTORICAL NARRATIVE
 FLEXIBLE LAND USE

OPPORTUNITIES
 URBAN INTEGRATION
 ECOLOGICAL RESTORATION
 CULTURAL LANDMARK CREATION

THREATS
 MISREPRESENTATION OF HISTORY
 OVER-DESIGNING SENSITIVE AREAS
 IGNORING MASS GRAVE ZONES

URBAN CONTEXT
 - CURRENTLY ISOLATED + ABANDONED
 - MILITARY LAND
 - SURROUNDED BY:
 LOW-DENSITY RESIDENTIAL GROWTH
 AGRICULTURAL/GREEN PATCHES
 - EMERGING URBAN INFRASTRUCTURE

WIND:
 MODERATE AIRFLOW
 OPEN SITE - GOOD VENTILATION POTENTIAL
 SOUTHWEST - NORTHEAST

RAINFALL :
 HIGH RAINFALL (ESPECIALLY SUMMER)
 RISK OF: SURFACE RUNOFF & FLOODING

SITE ZONING
 119.7 HECTARE
 295.8 ACRE
 1196768.7 SQ.M

ALL DIMENSIONS ARE IN METER

LIGHT STRATEGY AS FORM GENERATOR	CIRCULATION STRATEGY	LANDSCAPE INTEGRATION	INTEGRATION WITH EXISTING CONTEXT
THE ARCHITECTURE IS SHAPED BY LIGHT: ARRIVAL: BRIGHT DAYLIGHT INTERPRETATION: FILTERED LIGHT TESTIMONY: DARK ENCLOSED SPACES MEMORIAL: OPEN SKY & REFLECTIONS EXIT: SOFT, DIFFUSED LIGHT THIS CREATES AN EMOTIONAL GRADIENT: BRIGHT --DIM --DARK --LIGHT	PRIMARY PATH: CONTINUOUS, GUIDED JOURNEY SECONDARY PATHS: EXPLORATORY LOOPS RECONNECTING TO SPINE SERVICE CIRCULATION: HIDDEN TO MAINTAIN IMMERSION VISITORS ARE LED INTENTIONALLY BUT ALLOWED MOMENTS OF PAUSE AND REFLECTION.	BUILT FORMS DISSOLVE INTO TERRAIN WATER + VEGETATION SOFTEN TRANSITIONS MOVEMENT FLOWS ORGANICALLY THROUGH OPEN AND BUILT SPACES	PRESERVED STRUCTURES BECOME ANCHORS NEW INTERVENTIONS REMAIN MINIMAL AND RESPECTFUL BUILT FORMS EMERGE FROM LANDSCAPE RATHER THAN DOMINATE IT

INTERPRETATION CENTER

CONCEPT

FROM DISCIPLINE TO CONTROL

THE ADMINISTRATION BLOCK DRAWS INSPIRATION FROM THE DISCIPLINED LANGUAGE OF AN ARSENAL - LINEARITY, STRENGTH, HIERARCHY AND CONTROL. ORDER IS EXPRESSED THROUGH ALIGNED AXES AND REPETITIVE STRUCTURAL BAYS, CREATING EFFICIENT WORKSPACES THAT ENSURE CLARITY, SECURITY AND MANAGEMENT

PLAN

DESIGN PRINCIPLE



SECURITY



ORDER



AXIS



HIERARCHY



CONTROL & VISIBILITY



DISCIPLINE

MATERIAL AND CHARACTER



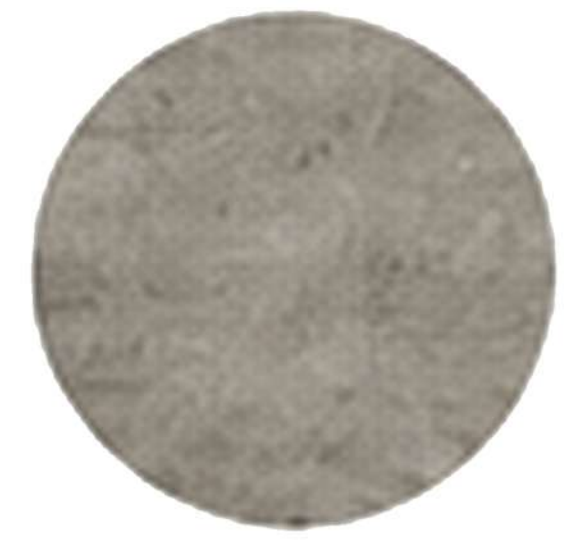
EXPOSED BRICK
ARSENAL HERITAGE



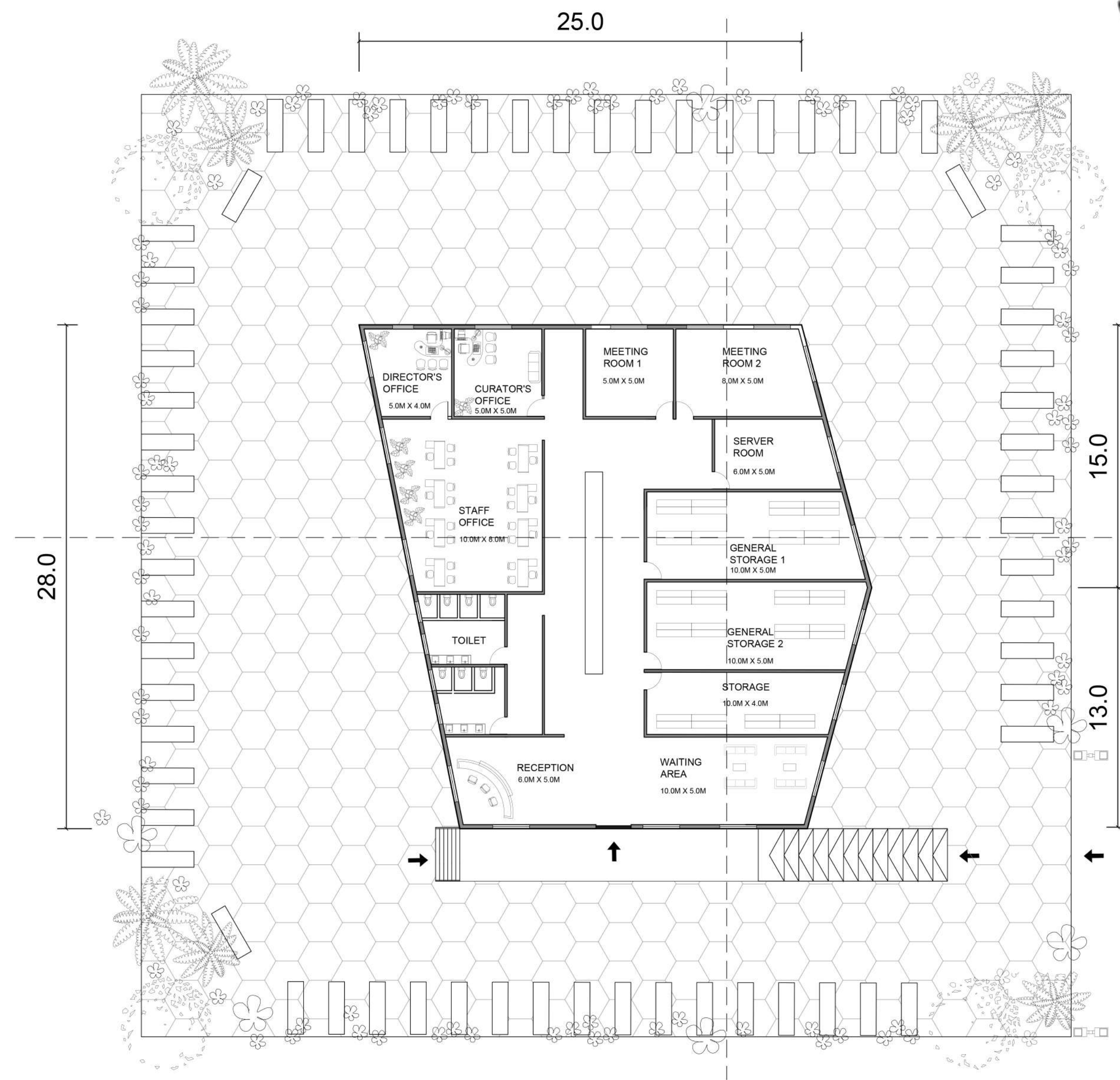
CORTEN STEEL
SHADING ELEMENTS



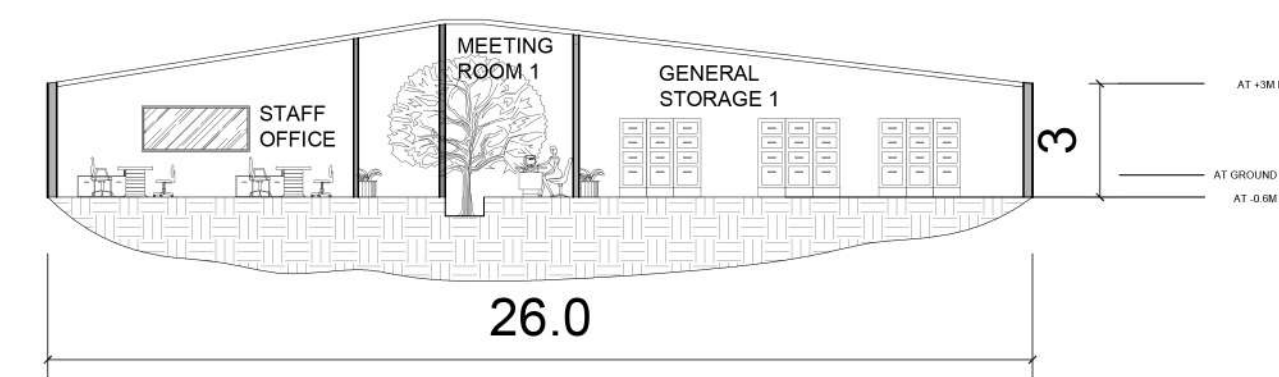
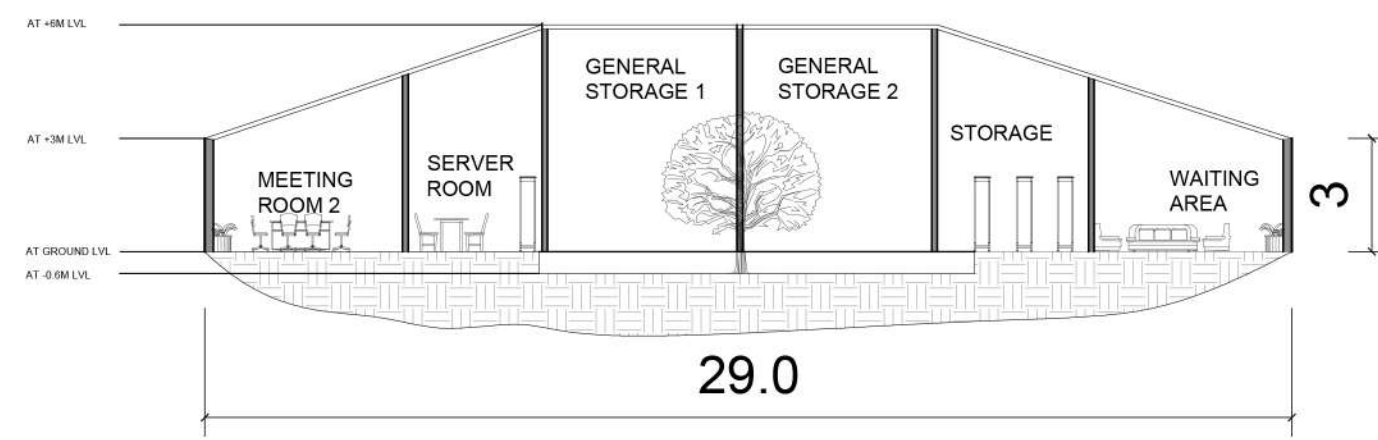
GRANITE STONE
PLINTH AND WALLS



RCC + PLASTER
INTERIORS



SECTION

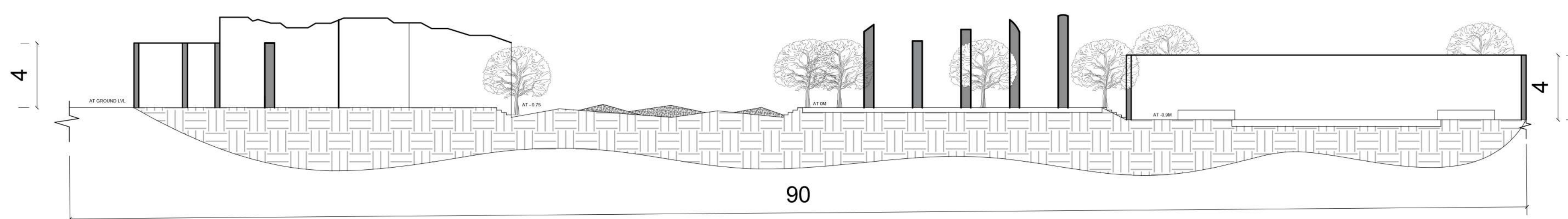
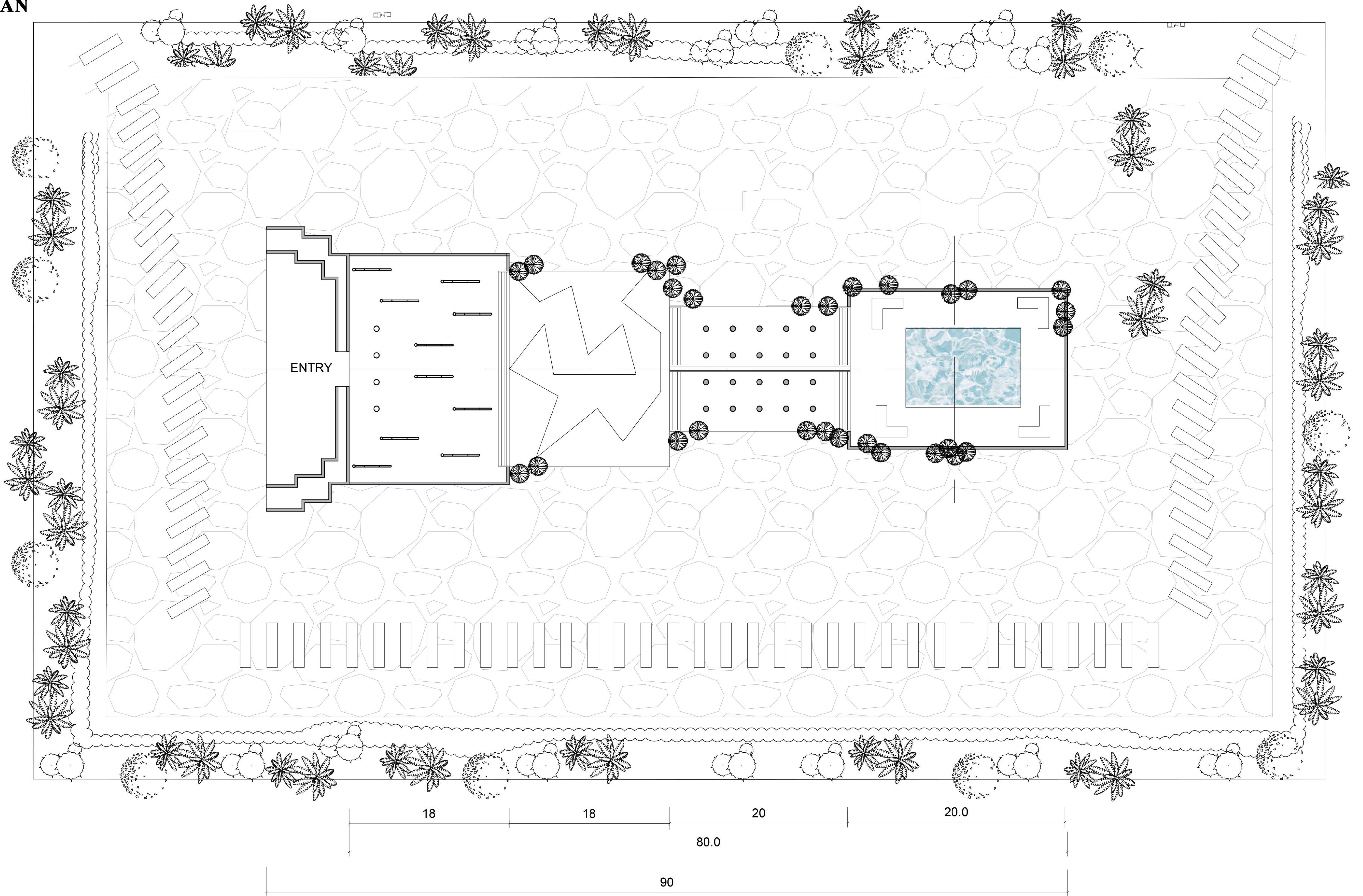


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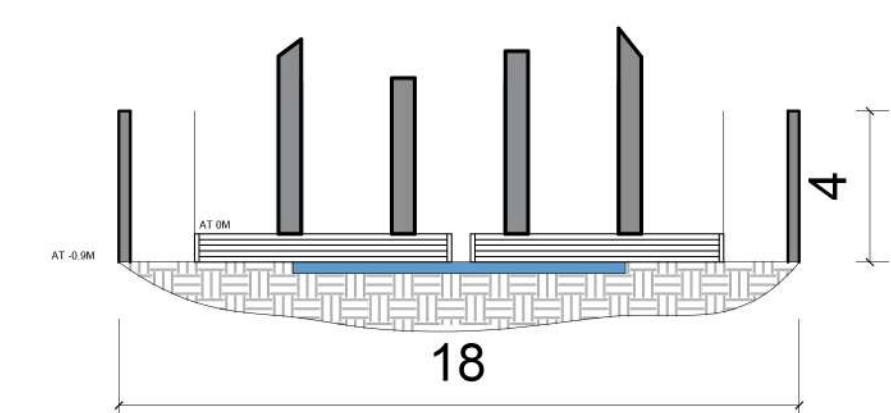


INTERPRETATION CENTER

PLAN

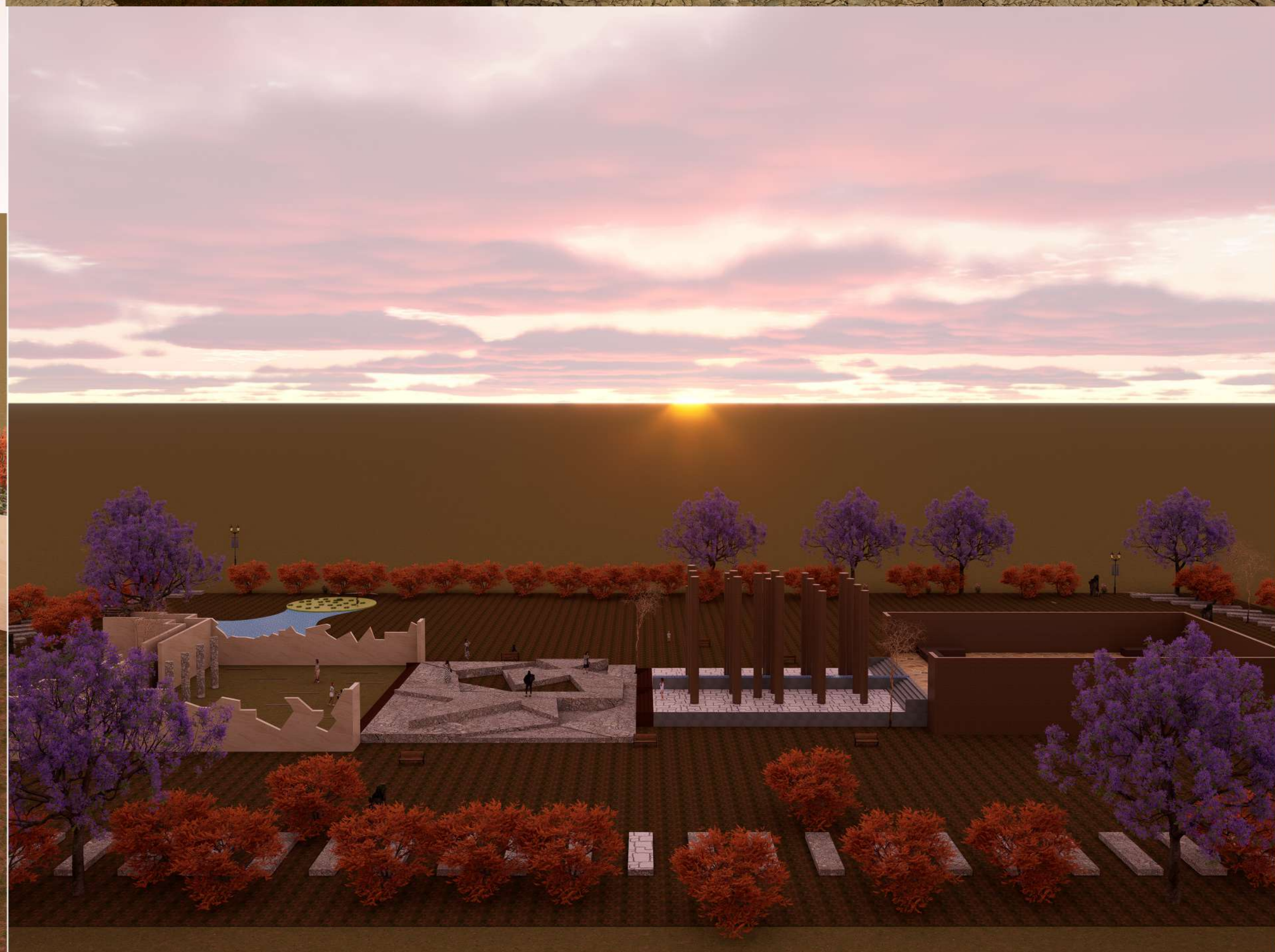
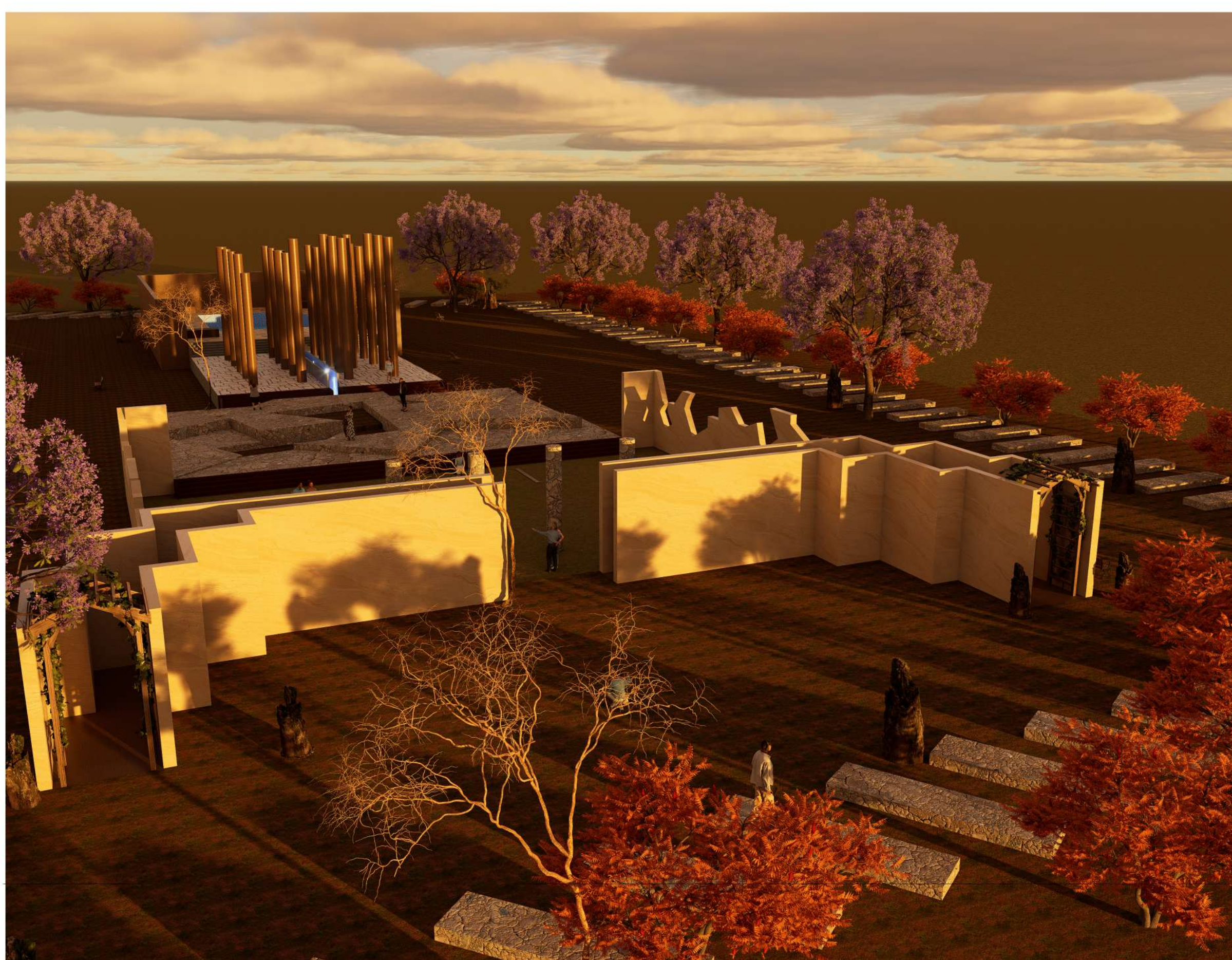


SECTION AA'



SECTION BB'

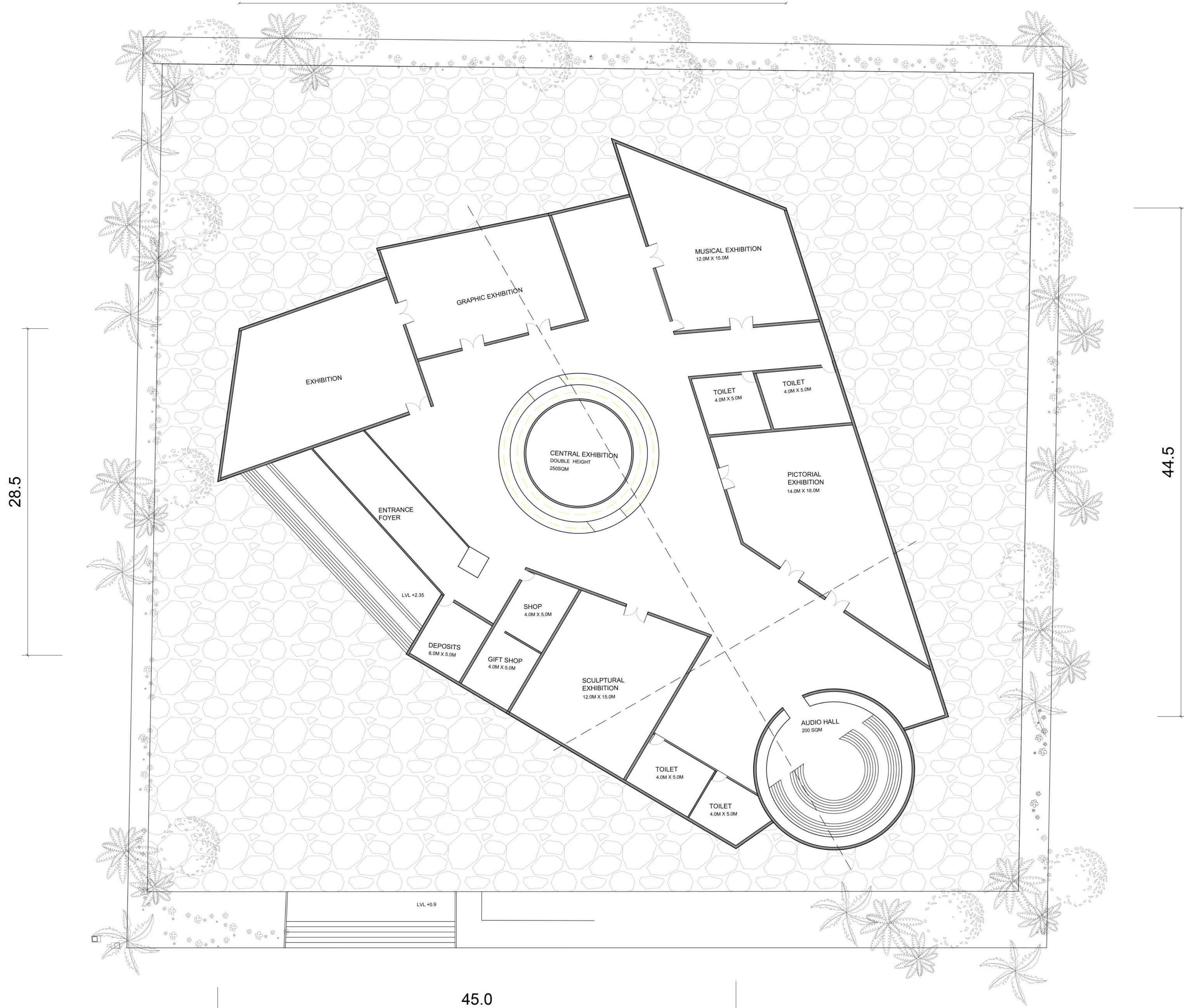
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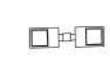
INTERPRETATION CENTER

48.0

PLAN



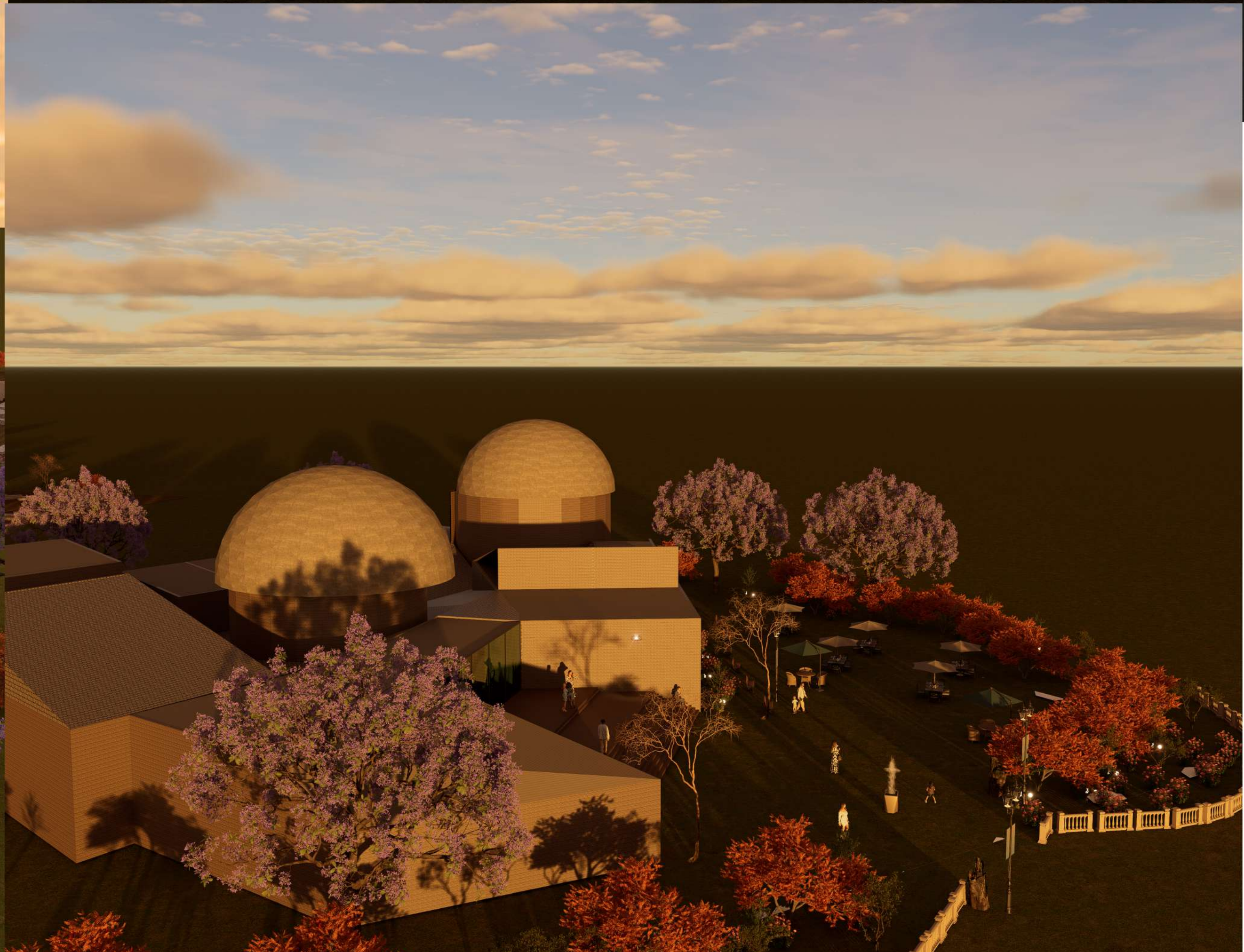
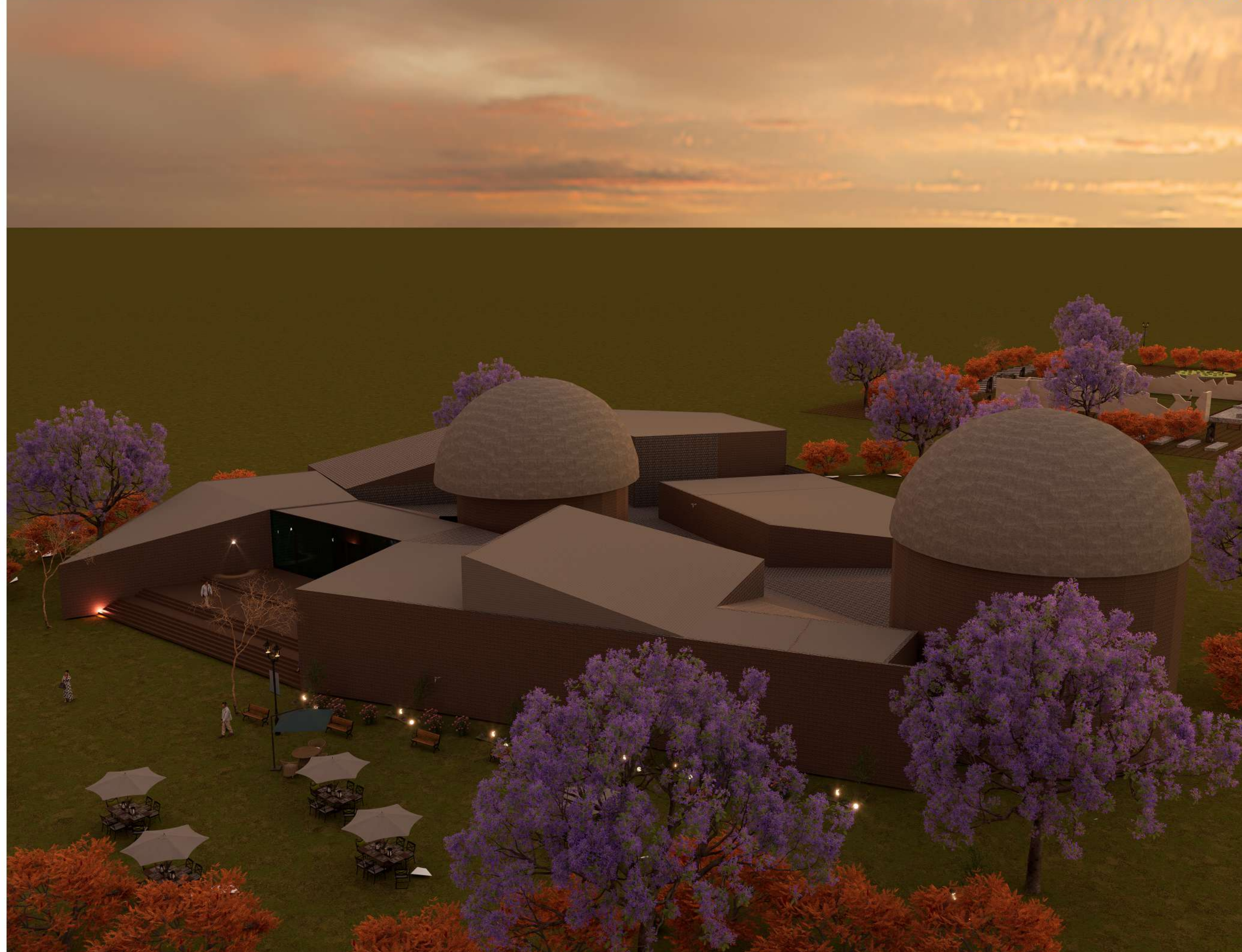
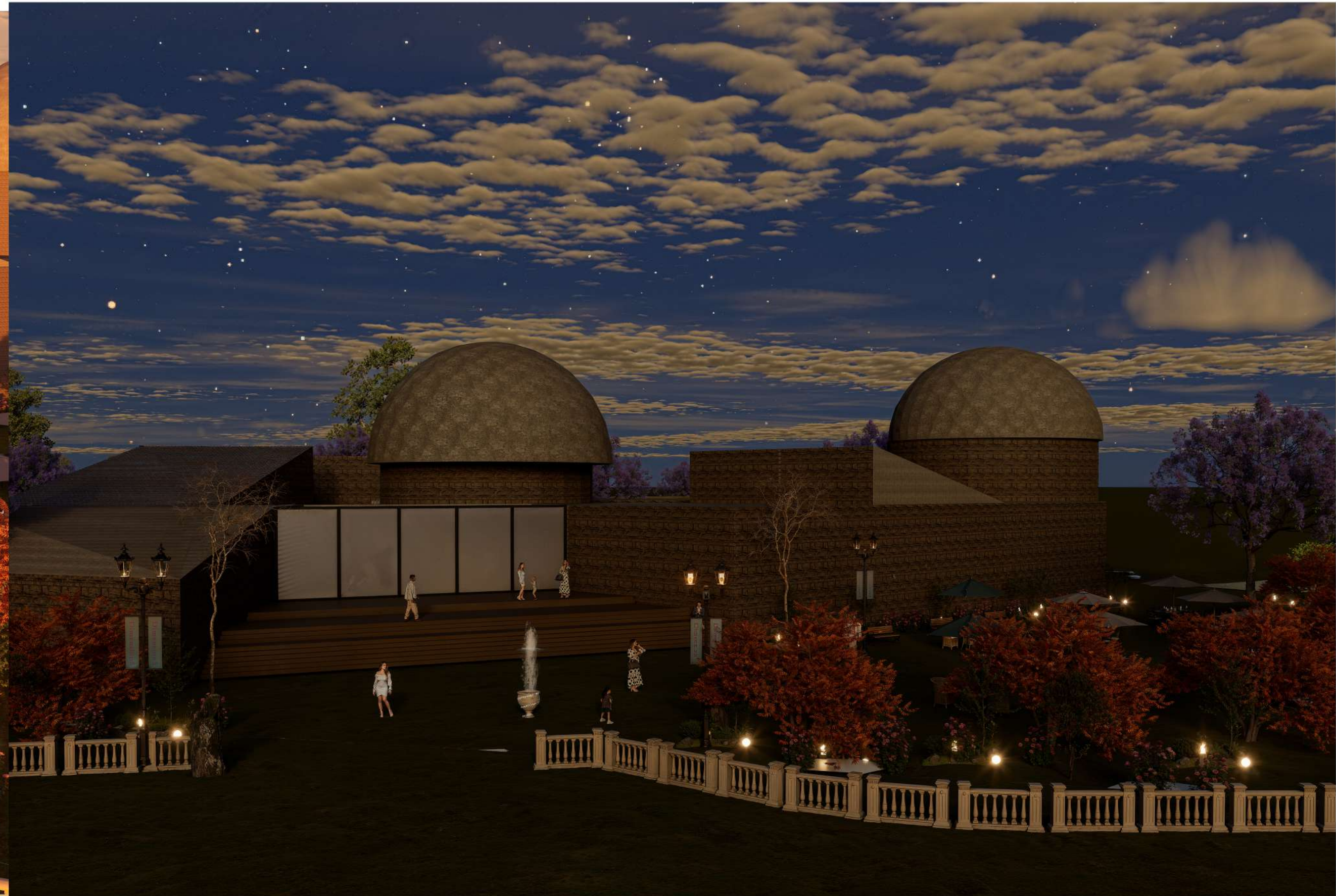
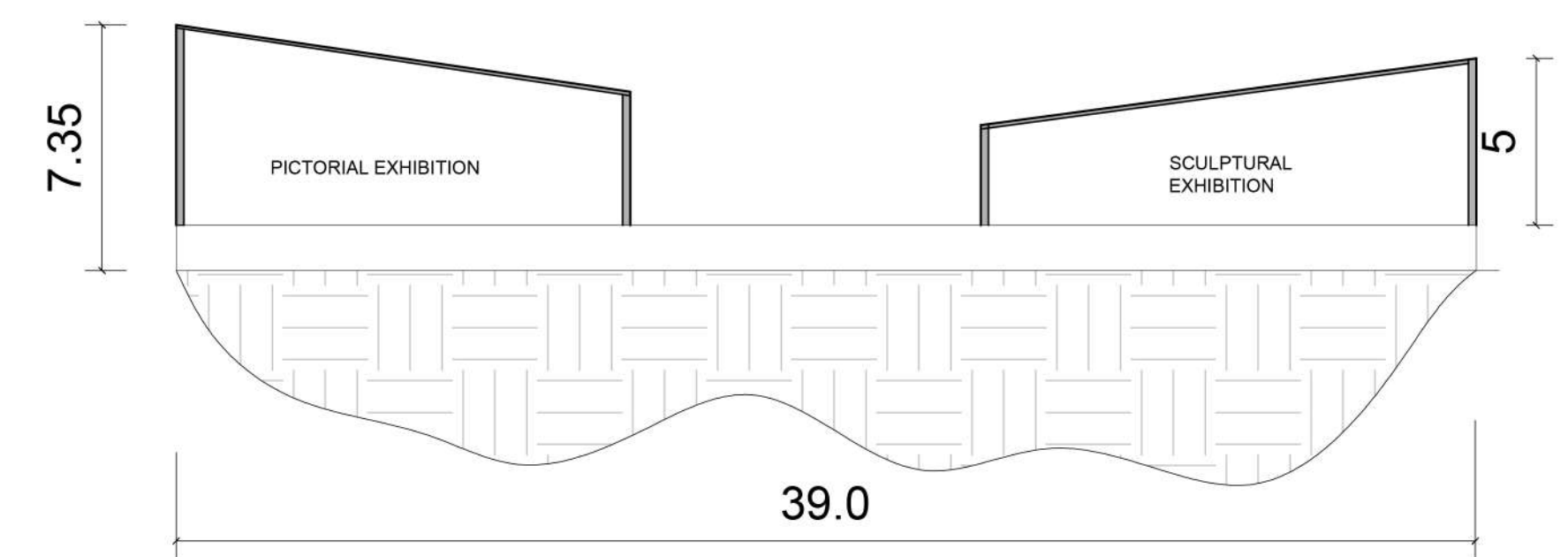
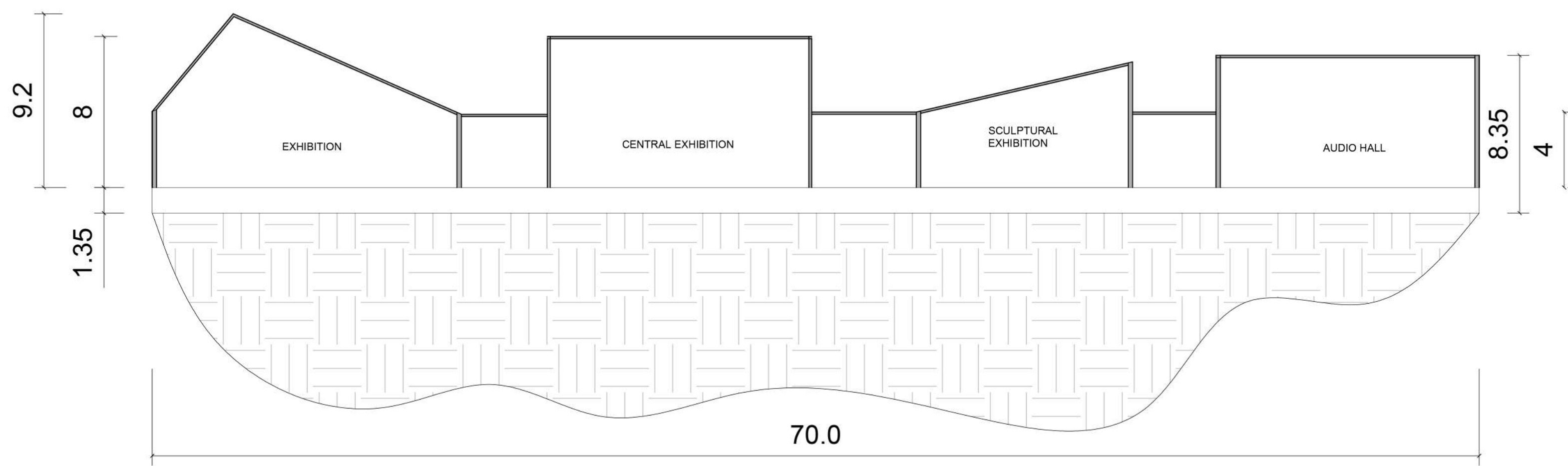
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SECTION BB'

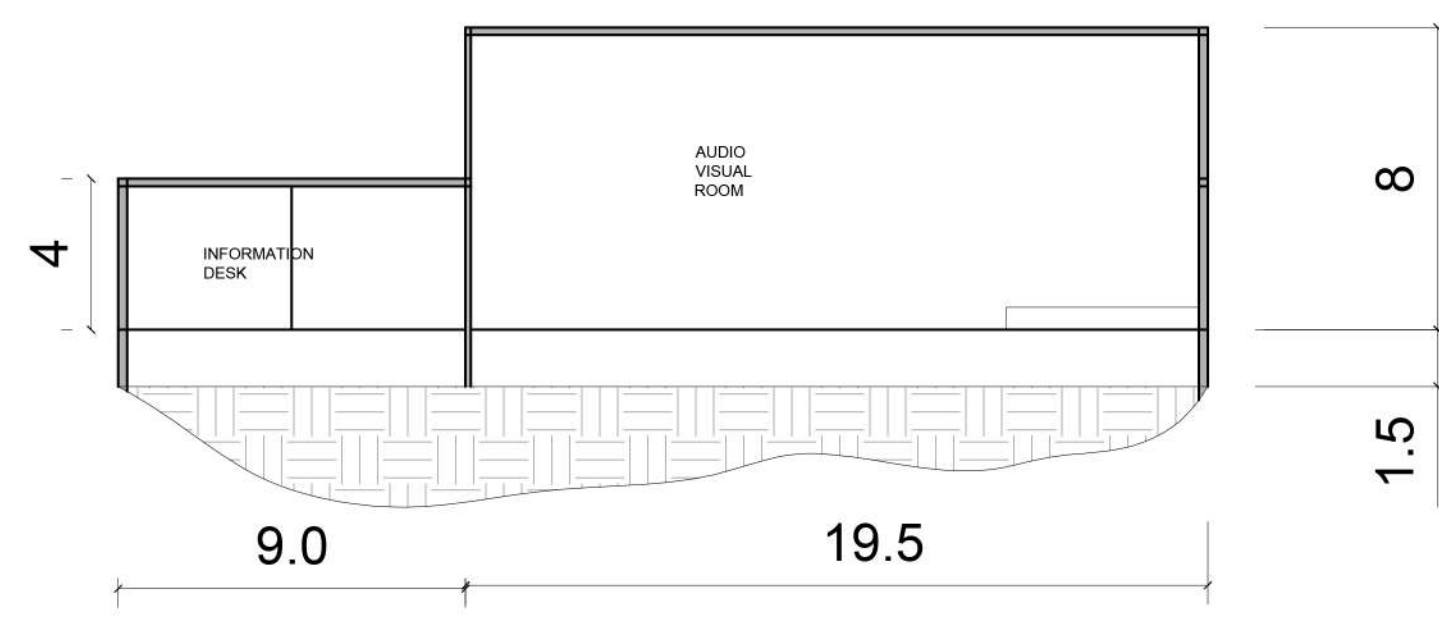
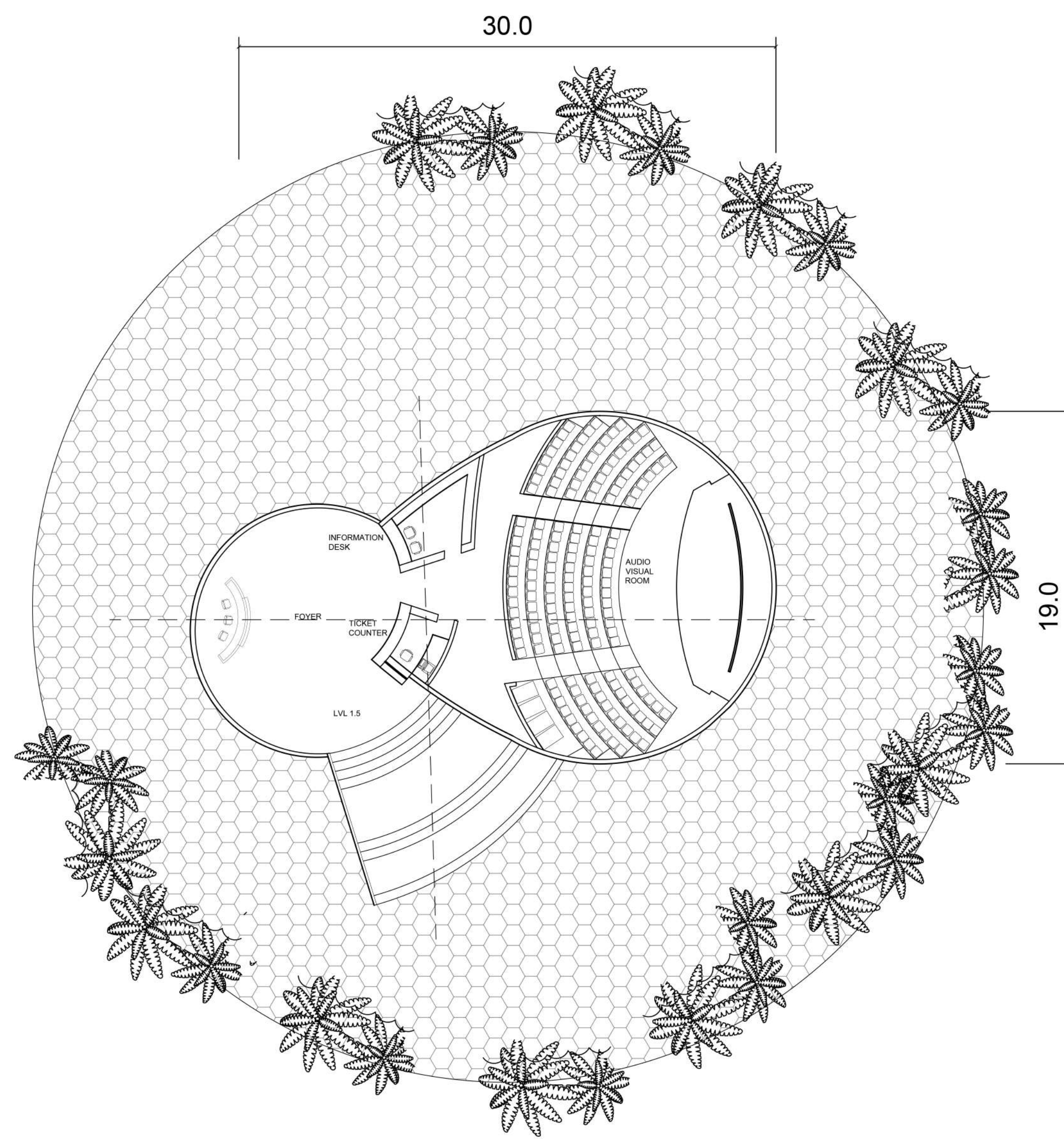
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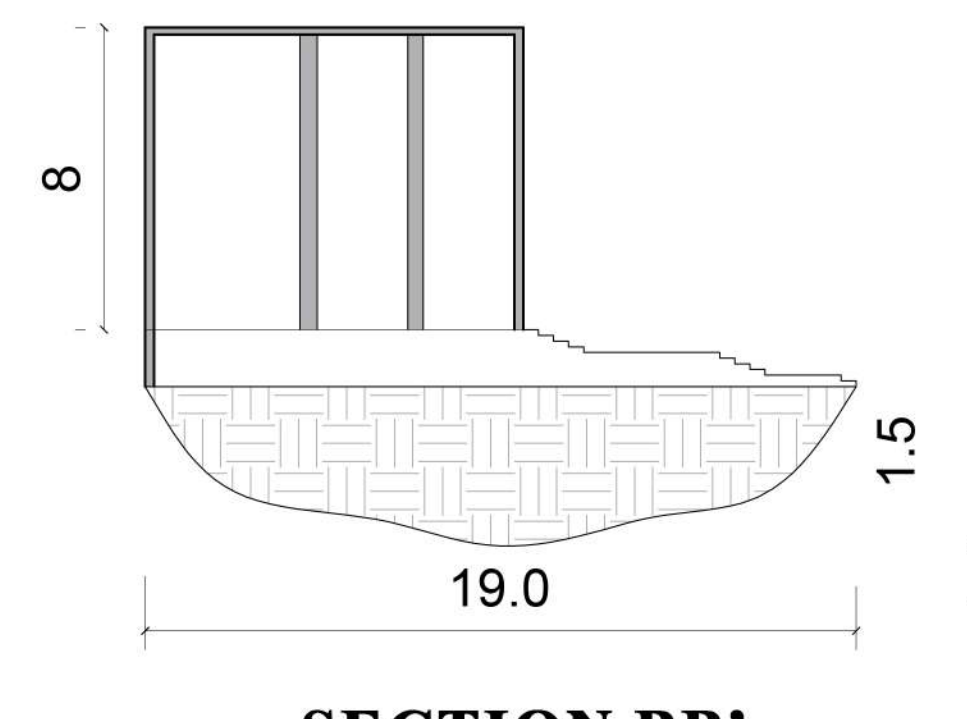
MEMORIAL ART AGLLERY

INTERPRETATION CENTER

PLAN



SECTION AA'



SECTION BB'

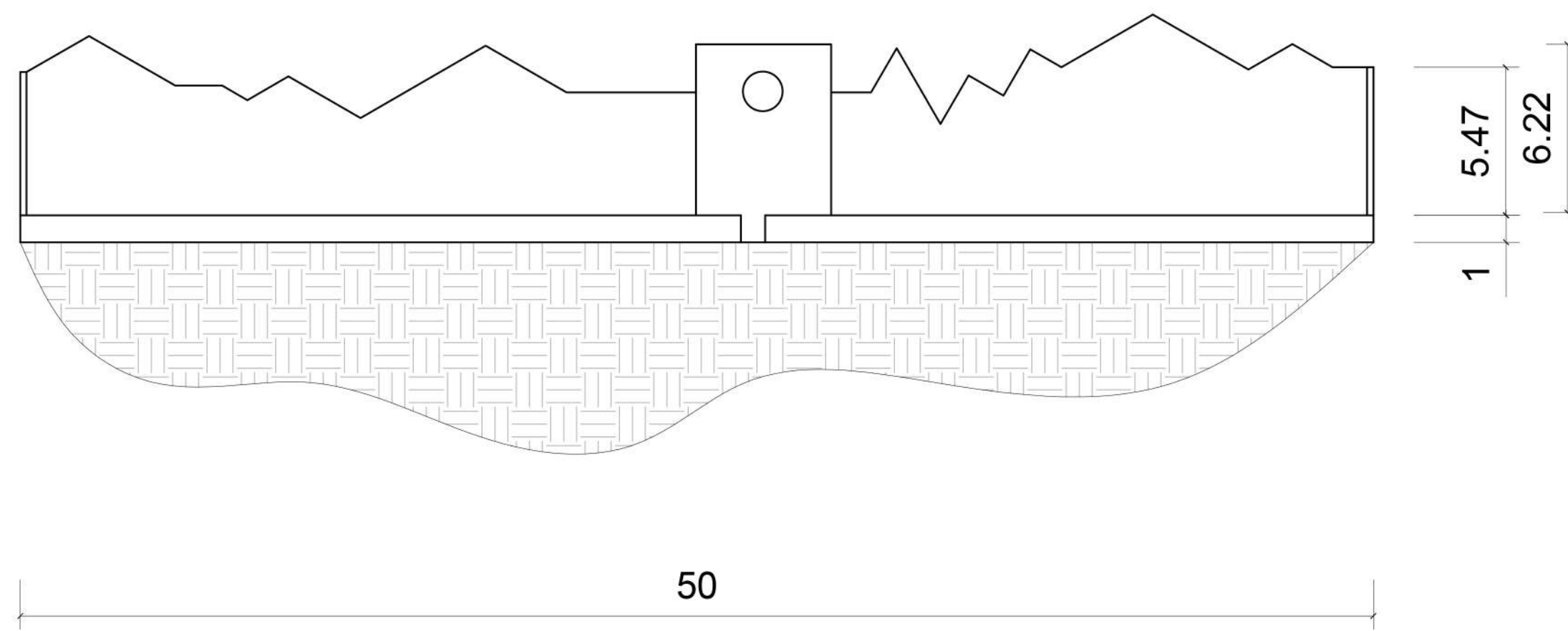
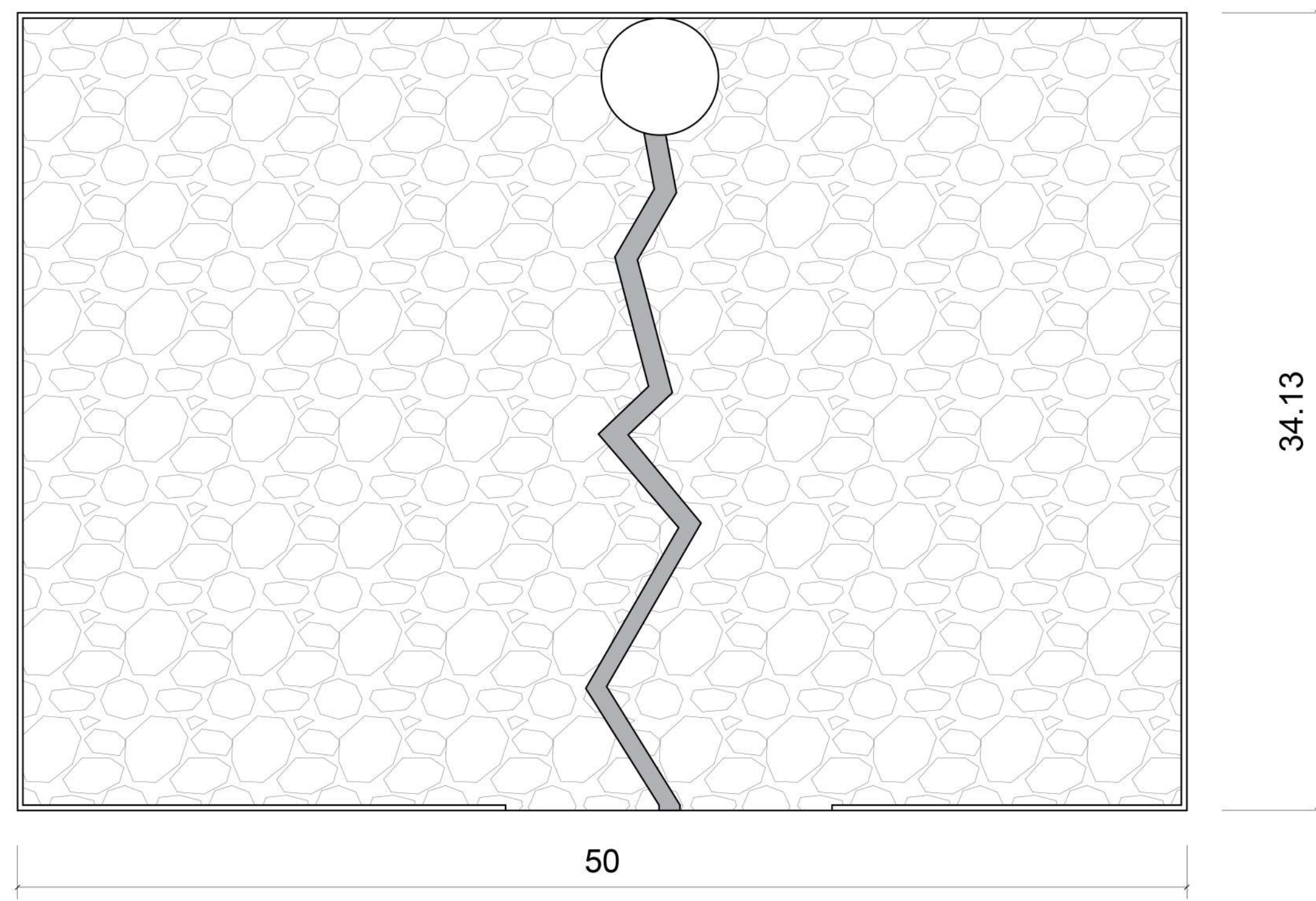
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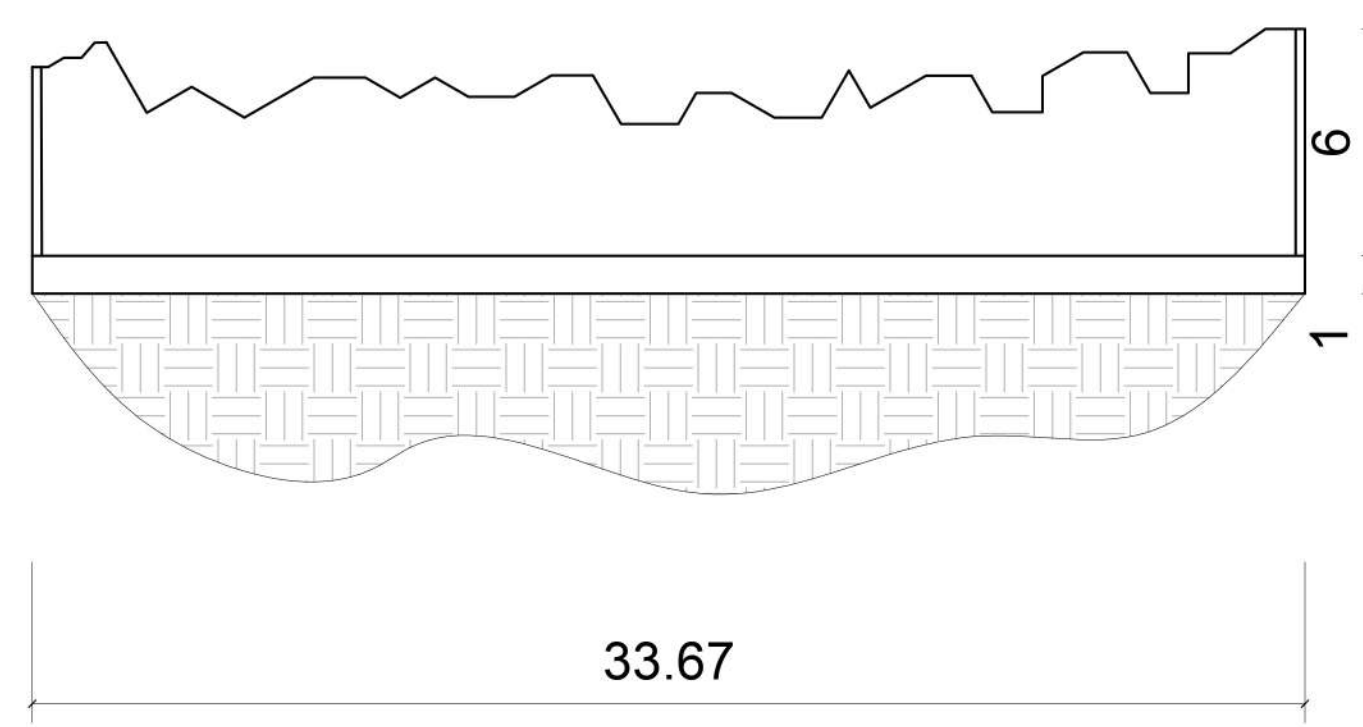
AUDIO VISUAL ROOM

INTERPRETATION CENTER

PLAN

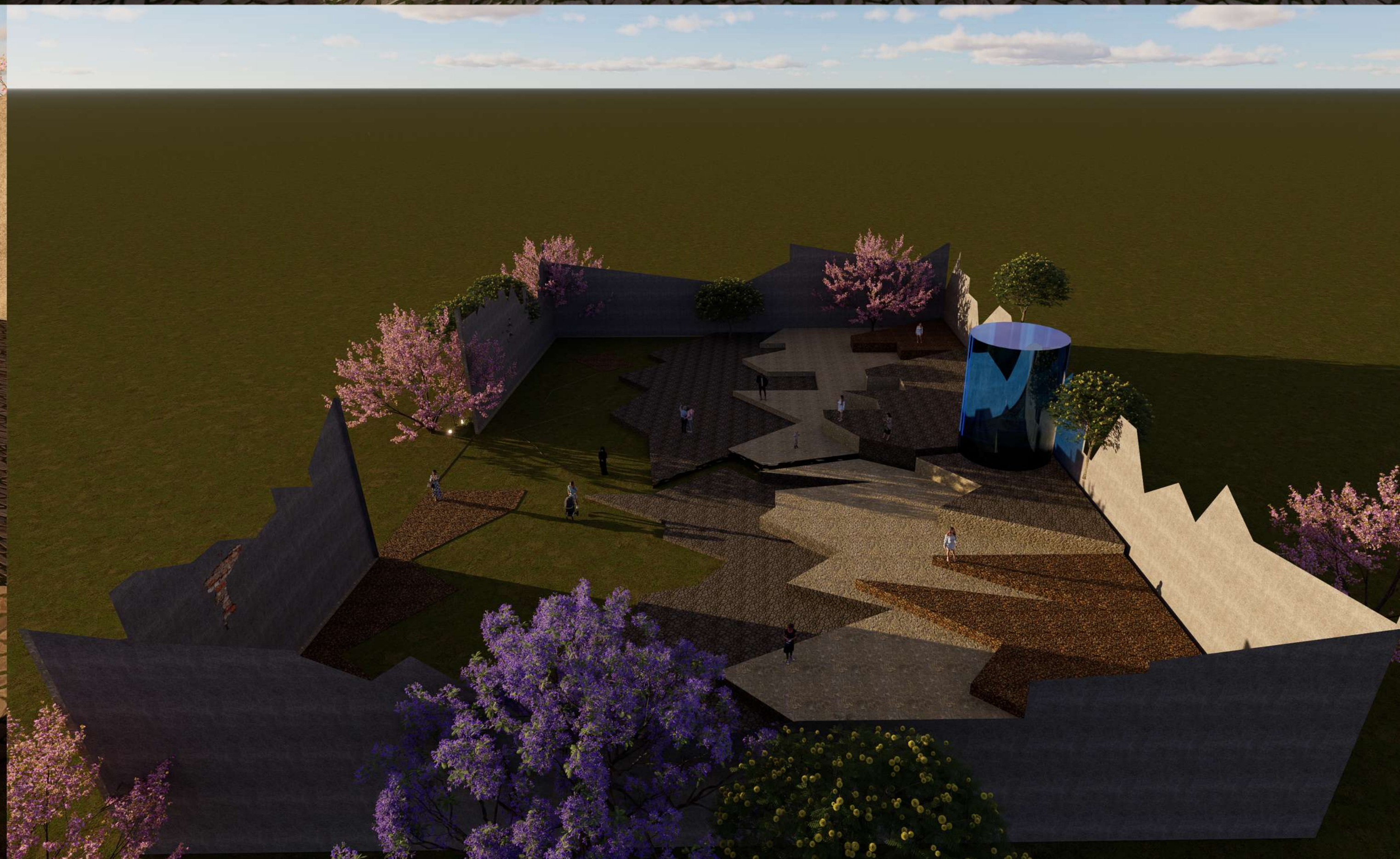
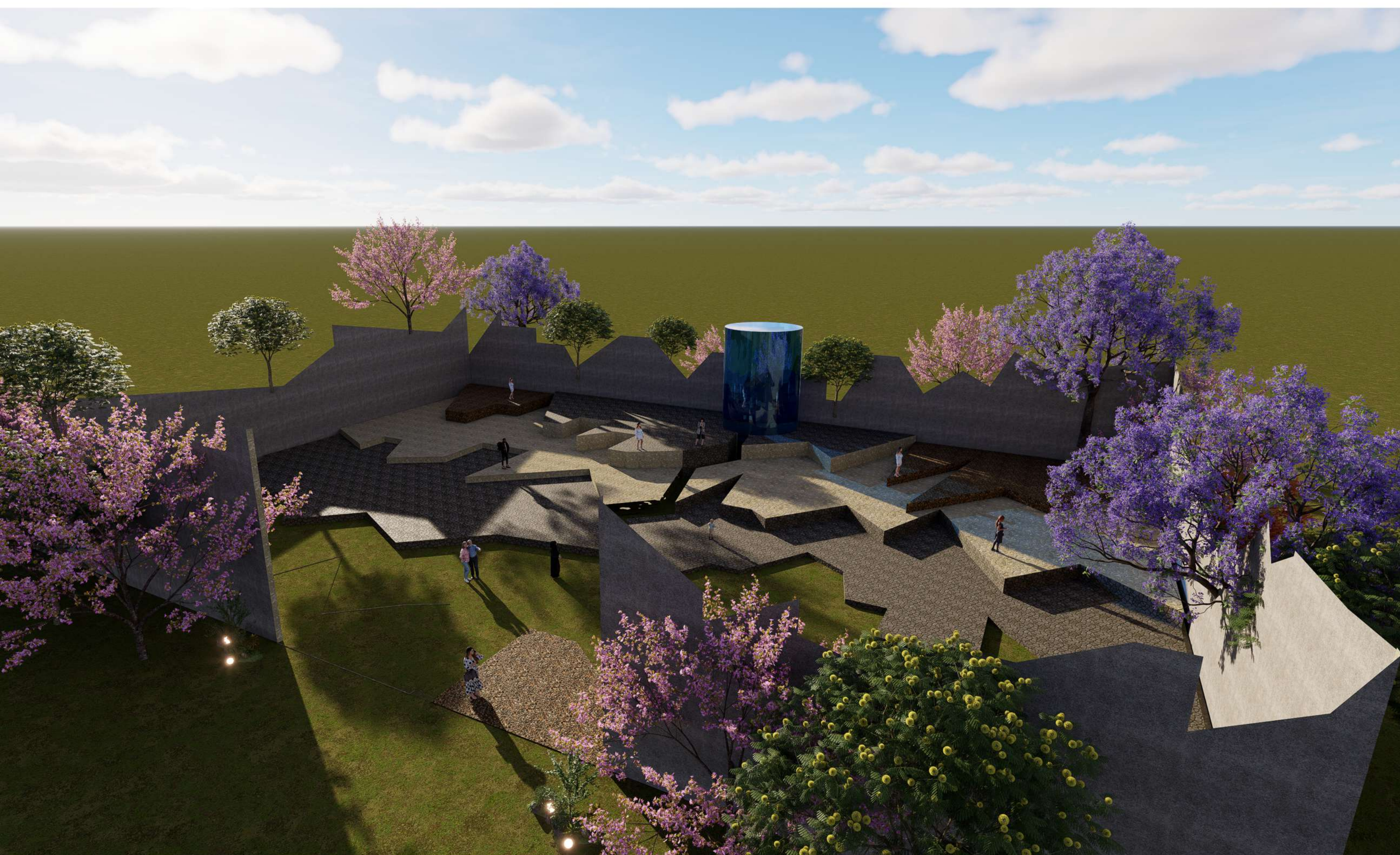


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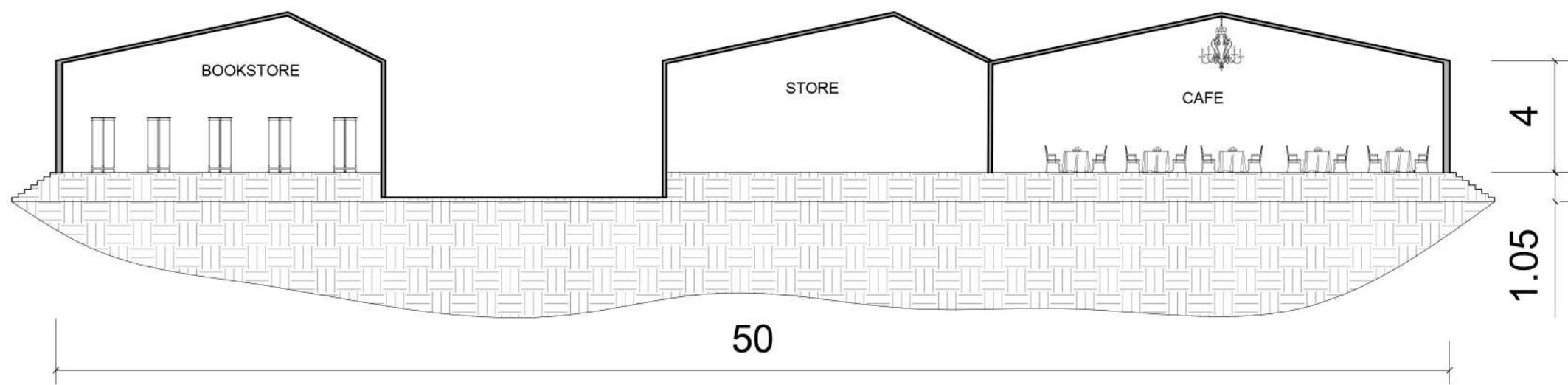
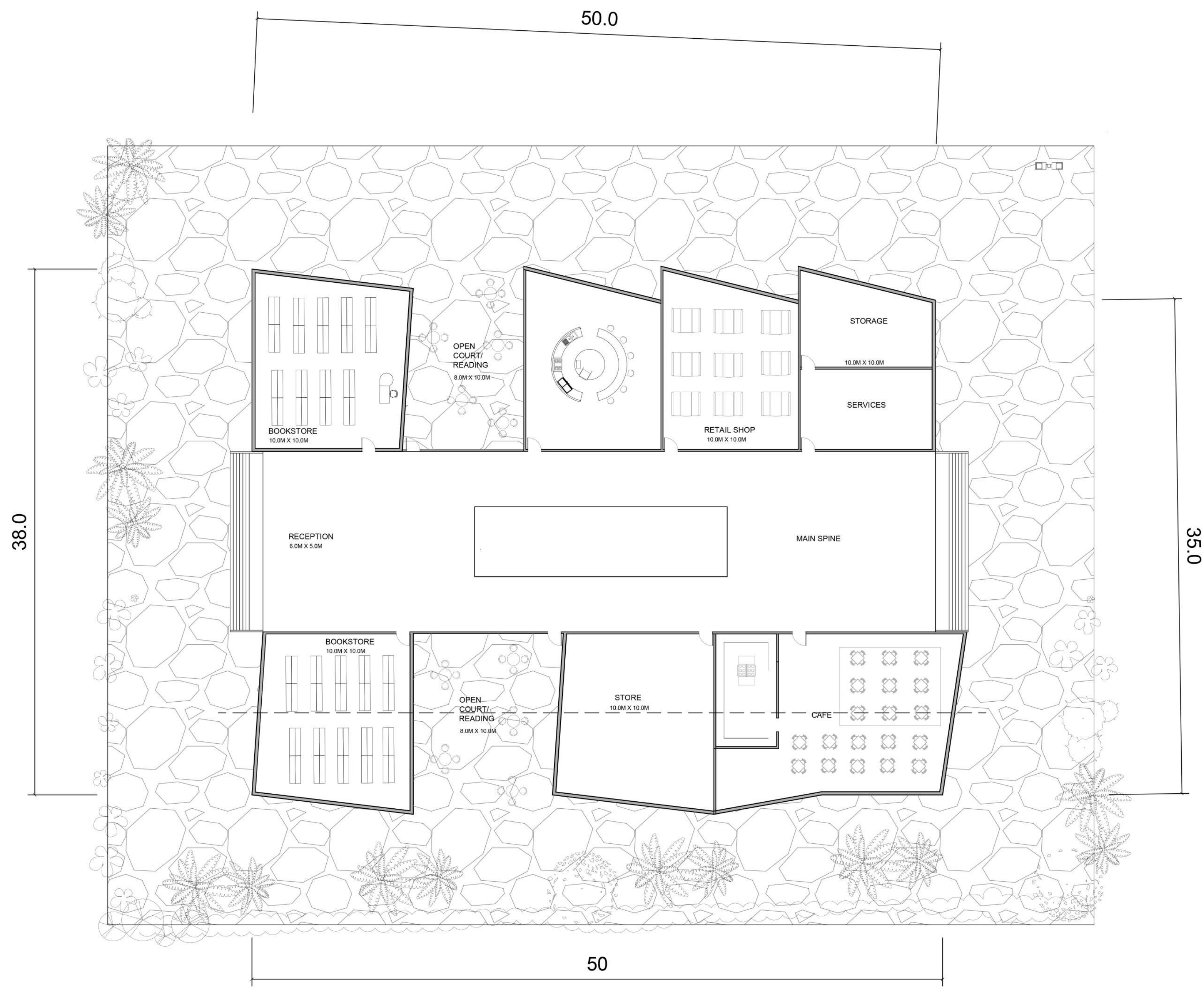
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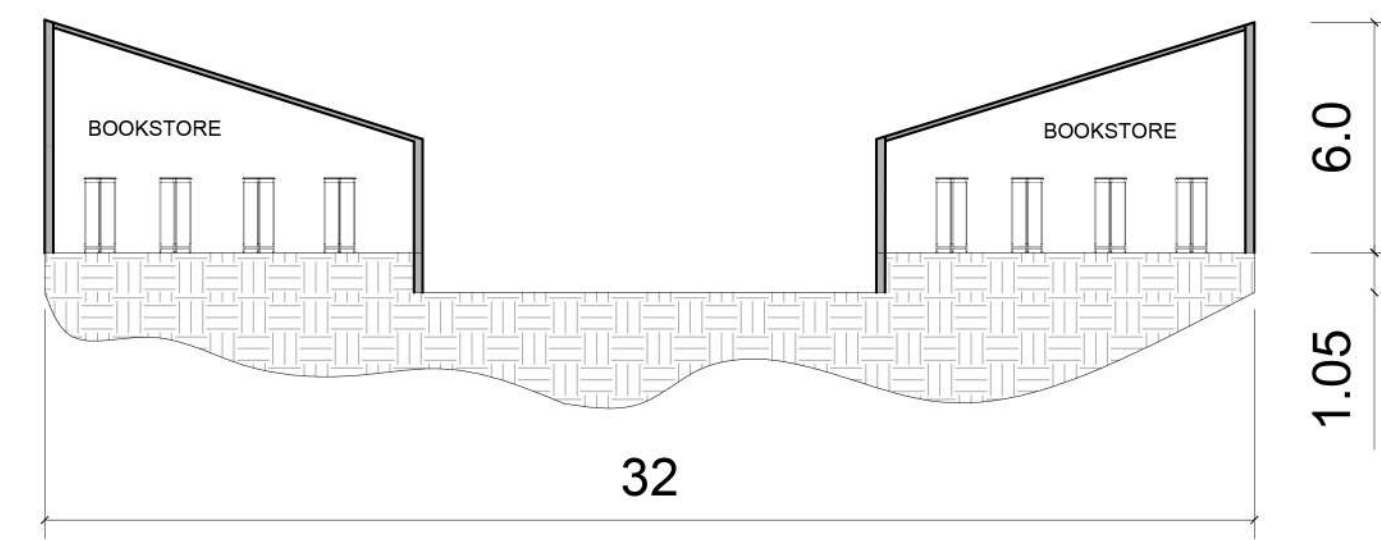


INTERPRETATION CENTER

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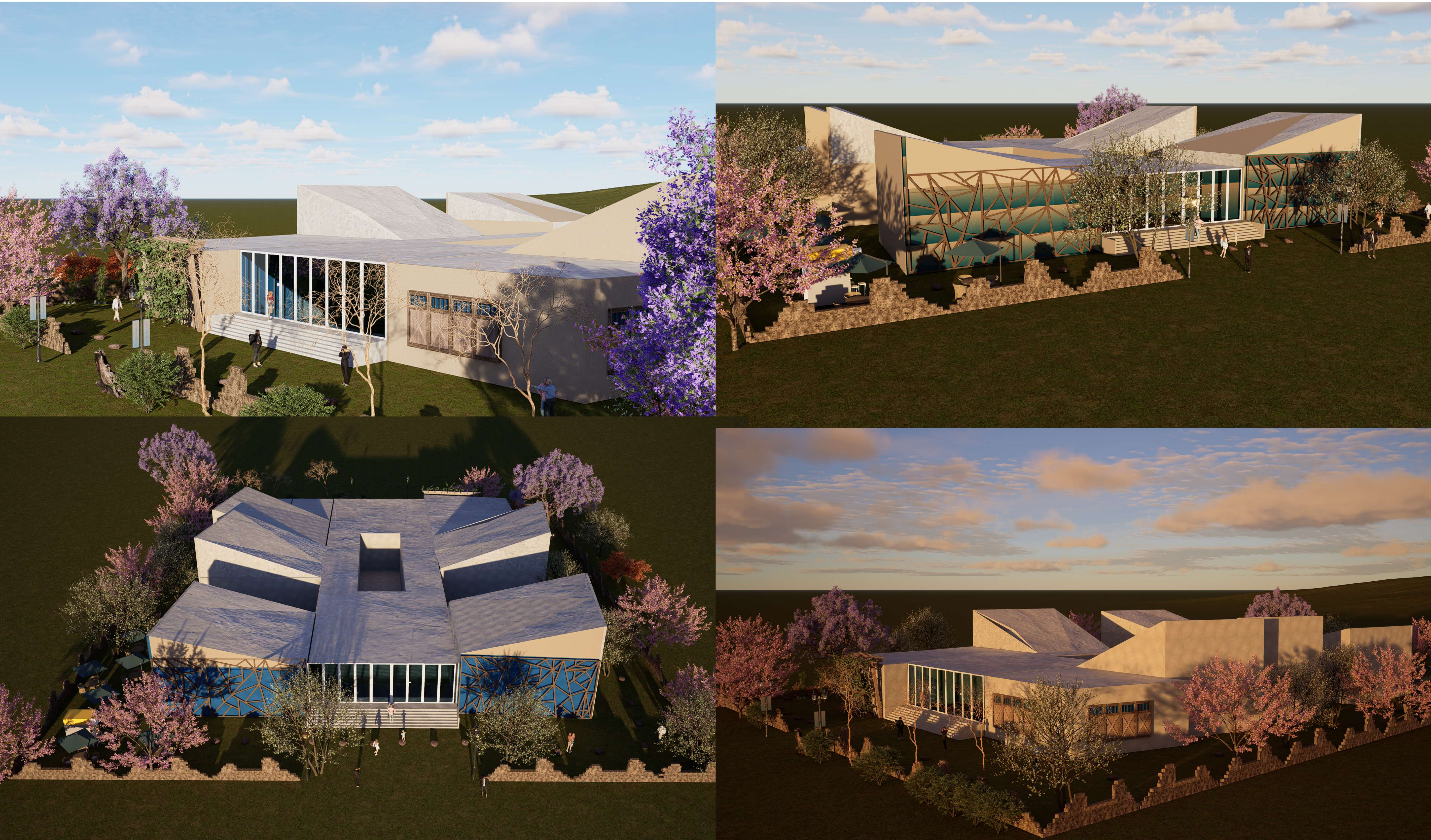


SECTION AA'



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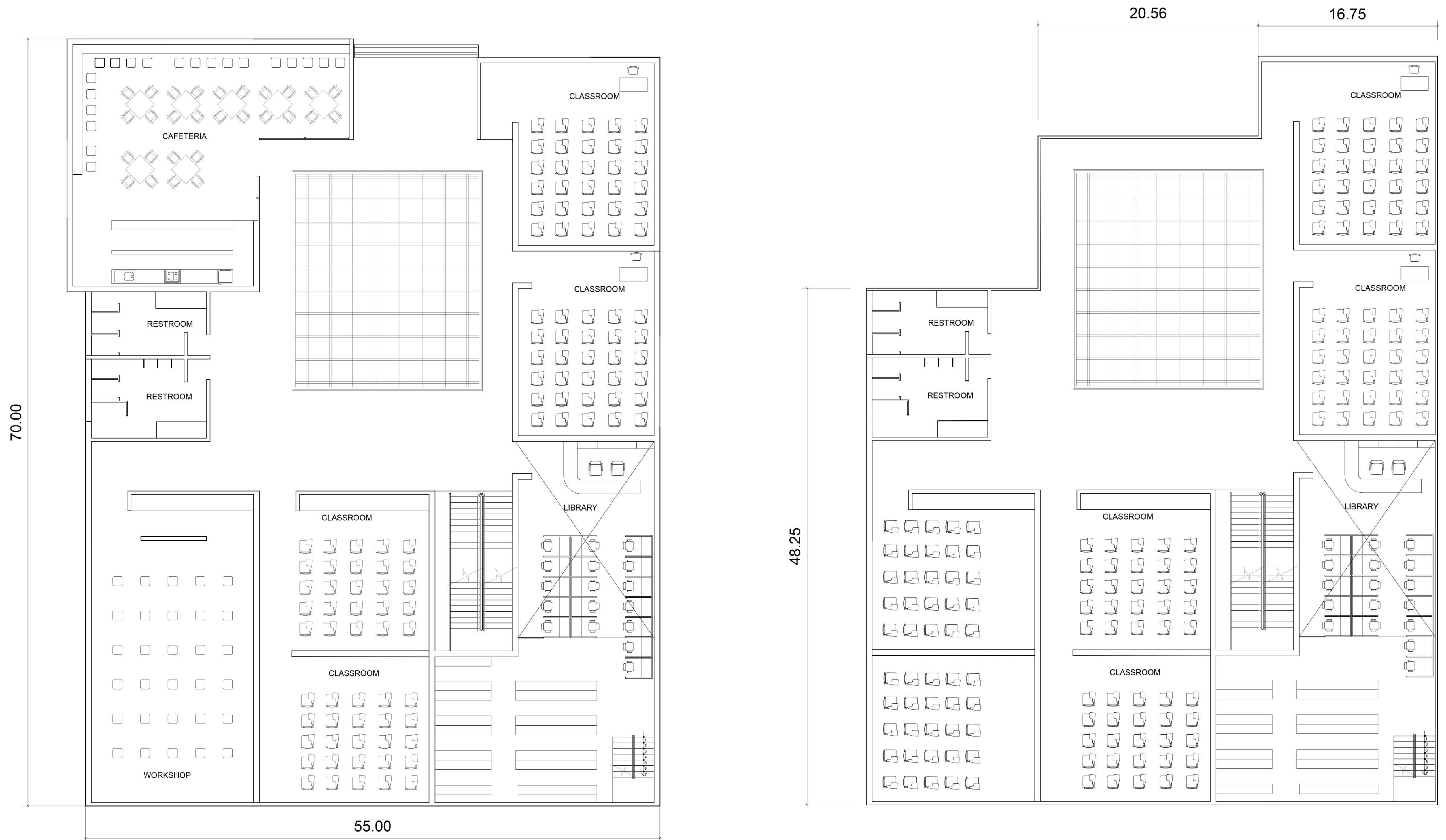
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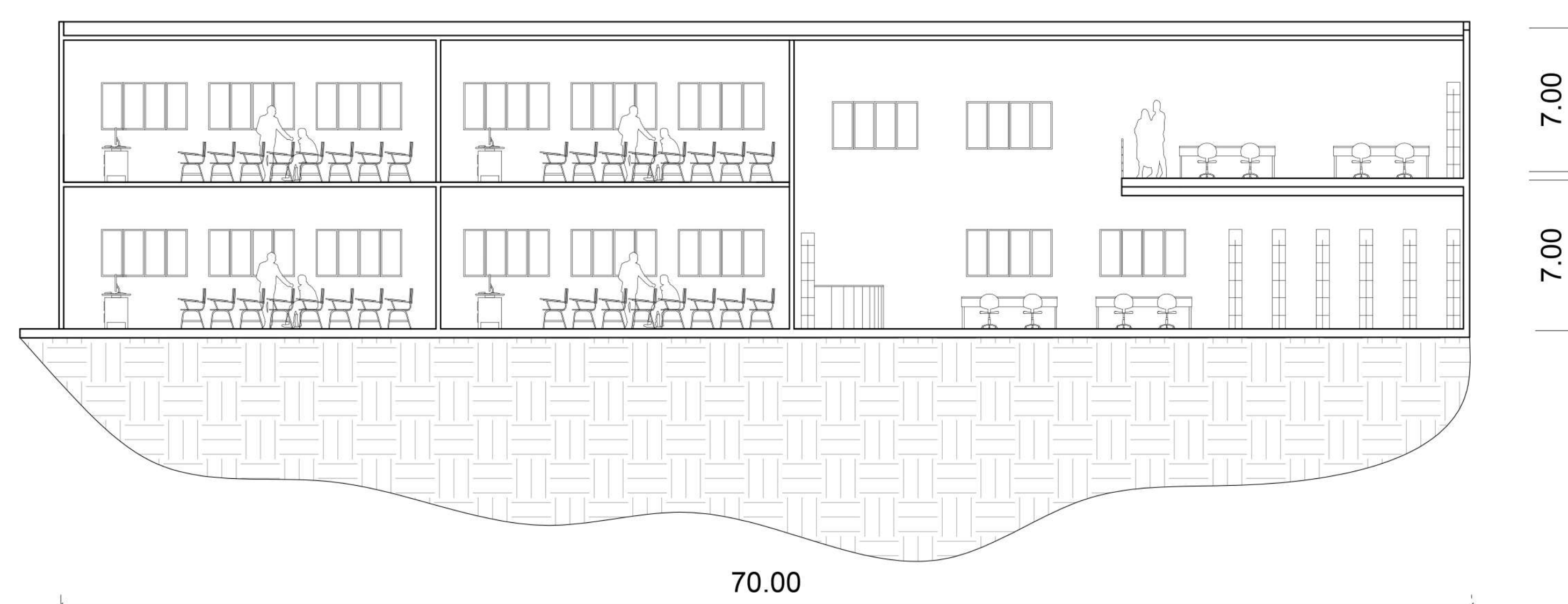
COMMERCIAL

INTERPRETATION CENTER

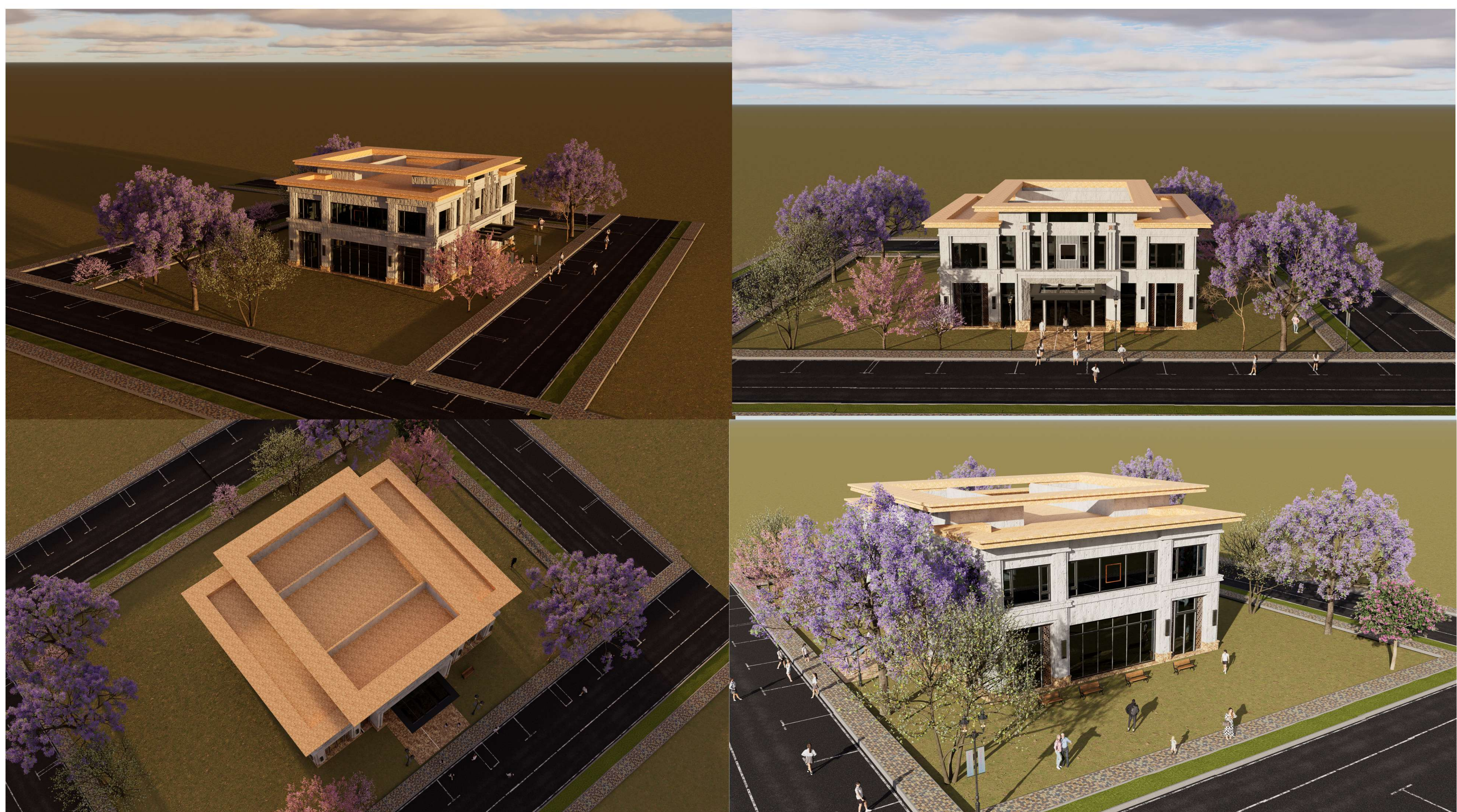
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SECTION AA'

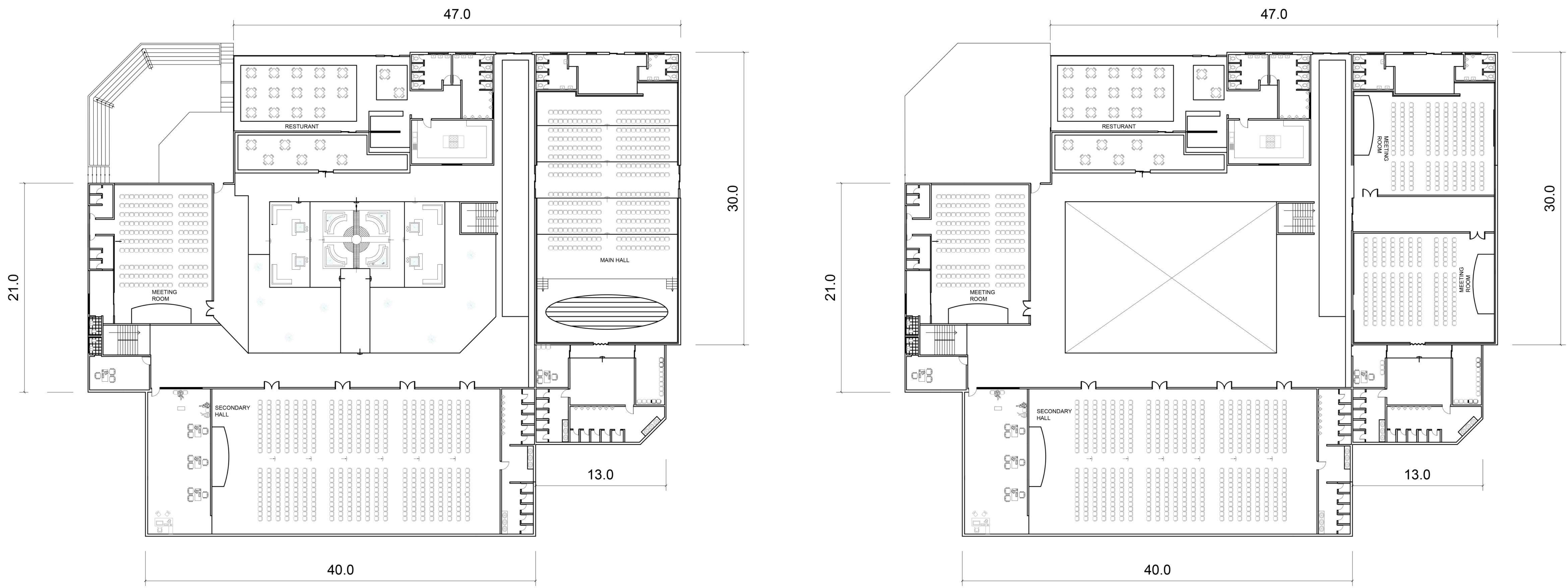


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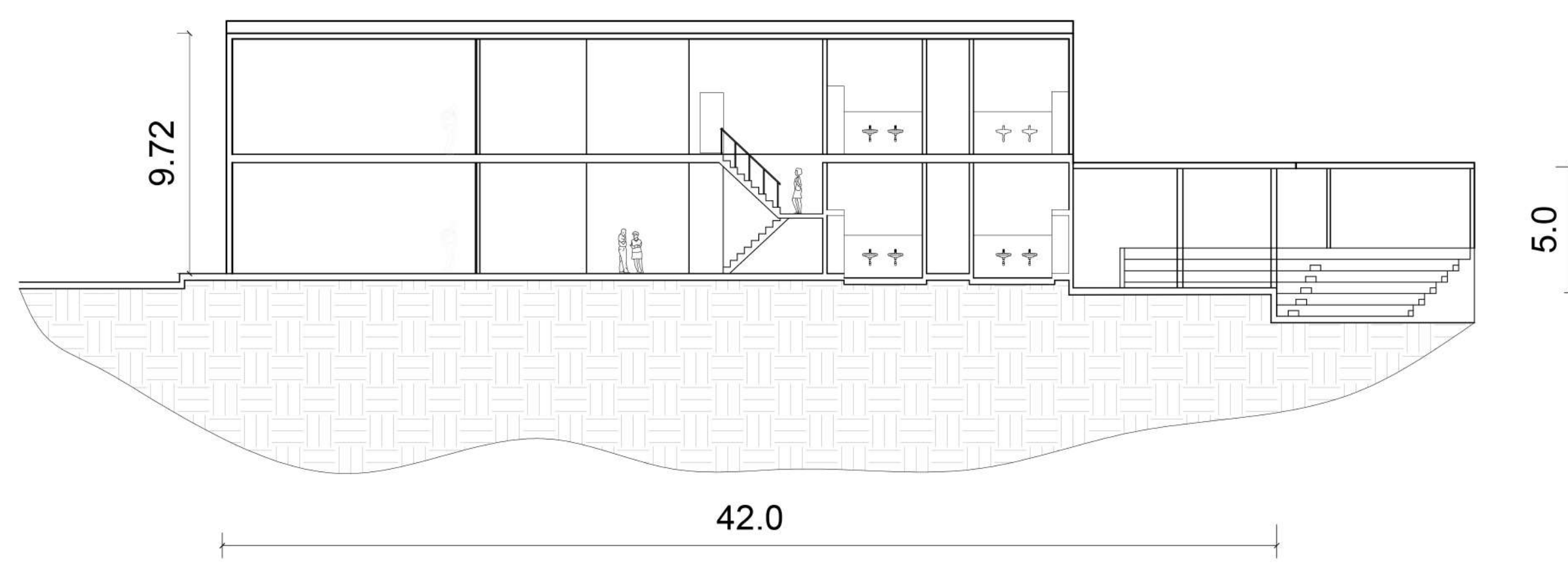


INTERPRETATION CENTER

PLAN



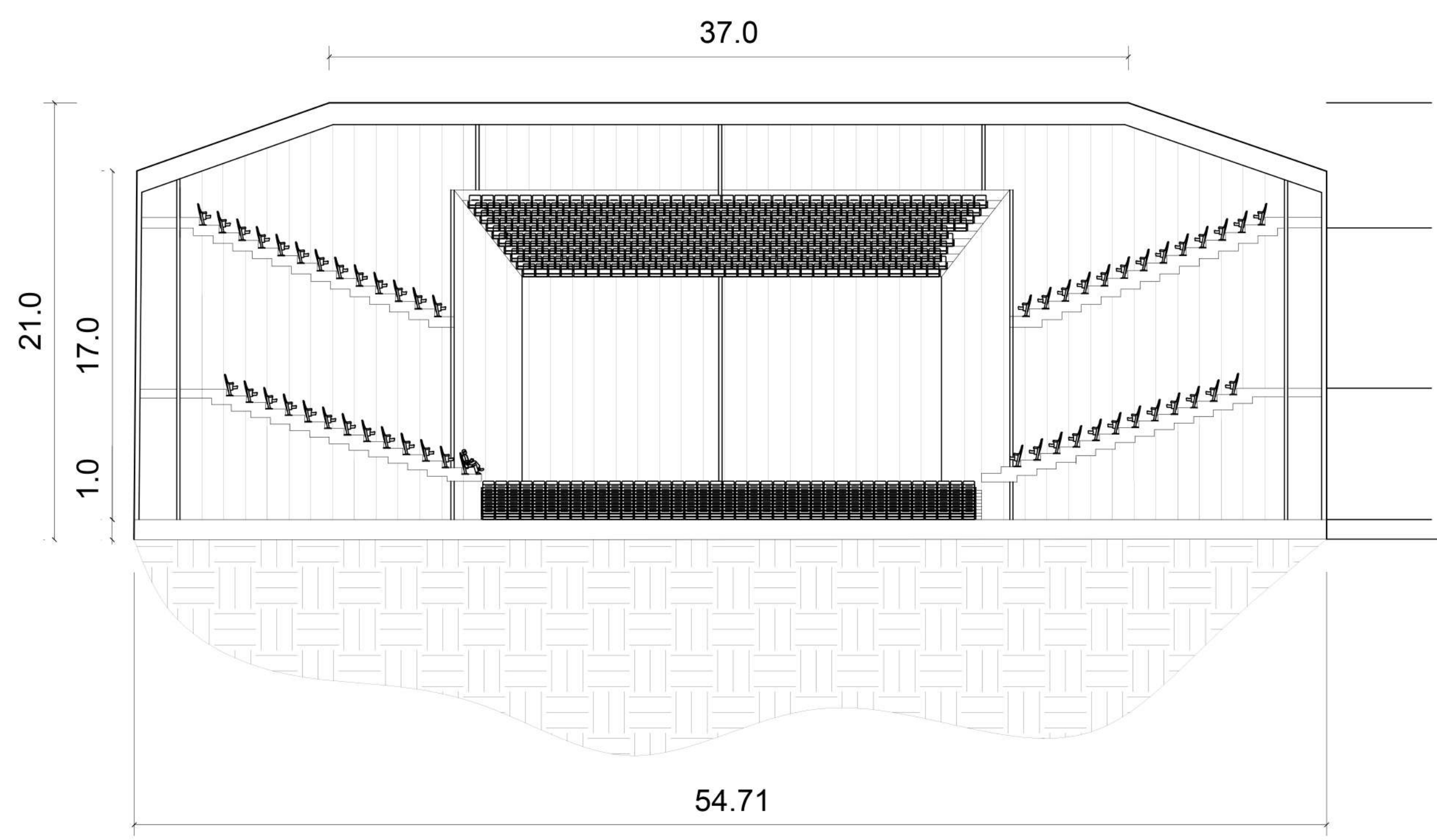
SECTION AA'



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CONFERENCE HALL

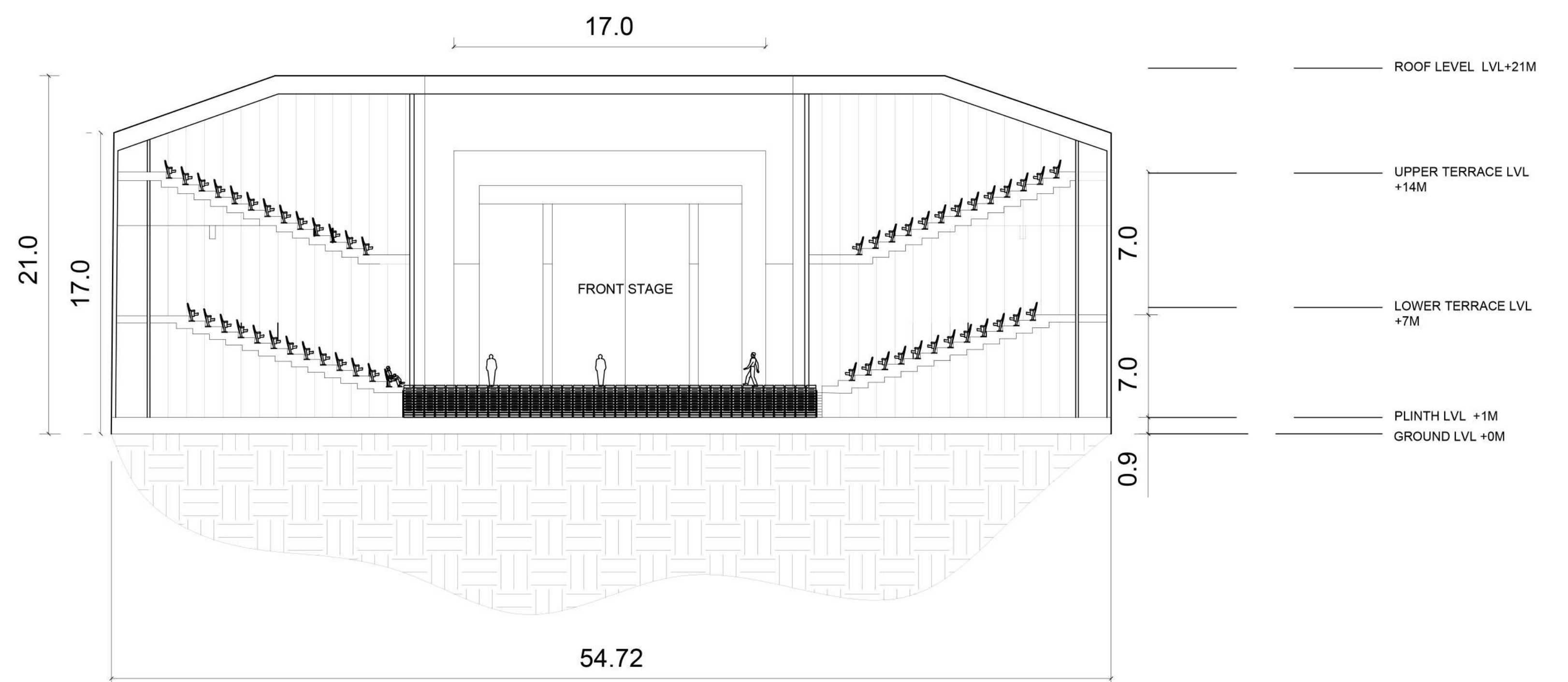


SECTION AA'

TOTAL SEATING CAPACITY

SEATING ZONE	NO. OF SEATS
GROUND FLOOR SEATING	3767
LOWER TERRACE SEATING	1123
UPPER TERRACE SEATING	1687
SIDE BALCONY / VIP / ACCESSIBLE SEATING	1423
TOTAL CAPACITY	8000 SEATS

SEATING ZONE	RISER	TREAD
GROUND FLOOR	150 MM	900 MM
LOWER TERRACE	300 MM	900 MM
UPPER TERRACE	350 MM	850 MM

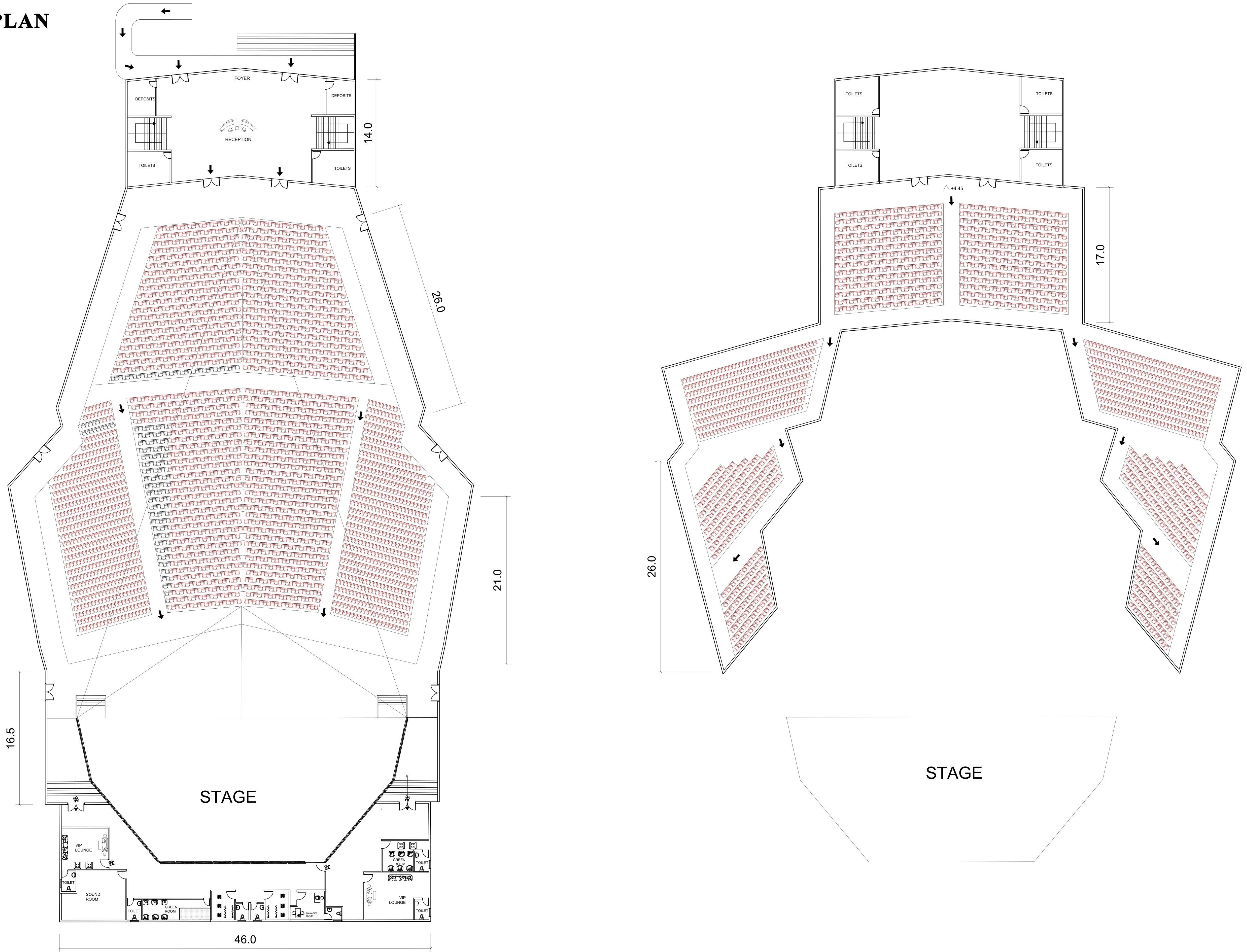


SECTION BB'

VIEWS



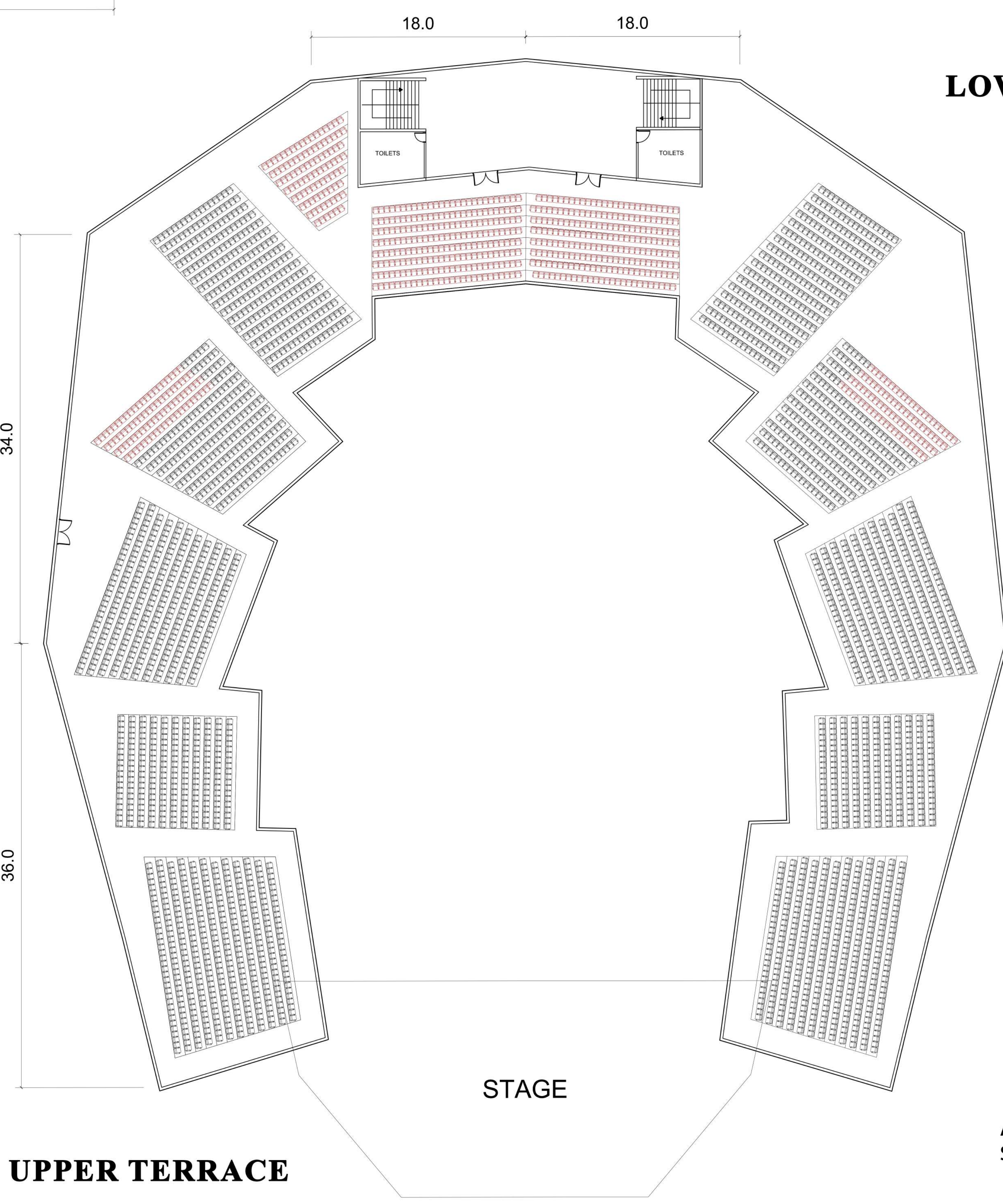
PLAN



GROUND FLOOR PLAN

LOWER TERRACE

- > SEATING CAPACITY : 8000
- > TYPE : MULTI-LEVEL CONCERT HALL
- > ACOUSTIC FORM : FAN
- > VIEWING STRATEGY : MAXIMUM 30° VIEWING ANGLE
- > ACOUSTIC TREATMENT : TERRACED SEATING DIFFUSION



UPPER TERRACE

STAGE

ALL DIMENSIONS ARE IN M
SCALE 1:200