

## HISTORY

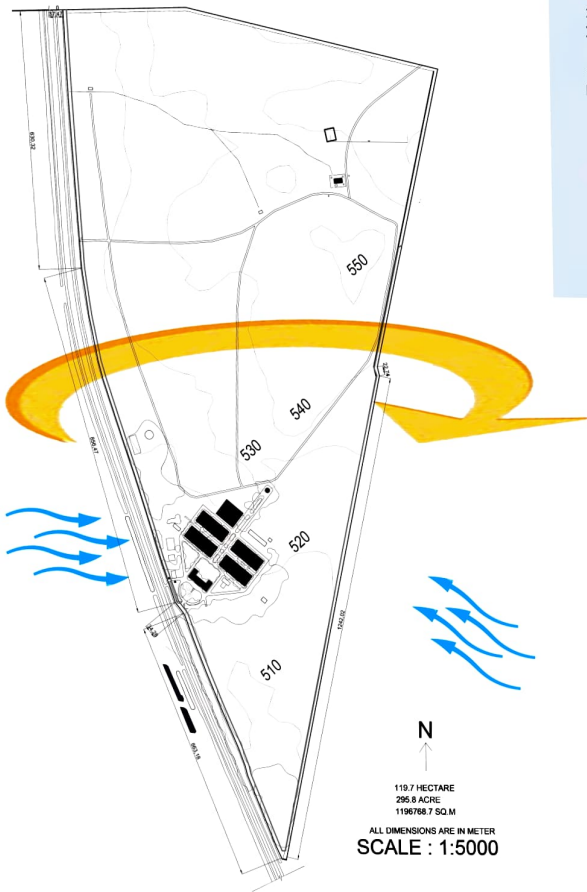
>SAN MIGUEL DE TUCUMÁN HAS GROWN RAPIDLY INTO A METROPOLITAN AREA OF OVER 1 MILLION INHABITANTS.

>THE 350-HECTARE FORMER "ARSENAL" MILITARY SITE LIES IN THE NORTHERN SECTOR, PREVIOUSLY HOME TO THE ARGENTINE ARMY'S "MIGUEL DE AZCUÉNAGA" ARSENAL COMPANY.

>BETWEEN 1976 AND 1978, IT FUNCTIONED AS A CLANDESTINE DETENTION, TORTURE, AND EXTERMINATION CENTER DURING THE 1976-1983 MILITARY DICTATORSHIP.

>HUNDREDS TO NEARLY 1,000 PEOPLE WERE MURDERED THERE, WITH BODIES BURIED IN MASS GRAVES ON THE SITE.

>NOW ABANDONED DUE TO JUDICIAL RESTRICTIONS, THE SITE URGENTLY NEEDS A NEW URBAN PURPOSE ONCE THE CRIMES-AGAINST-HUMANITY INVESTIGATION CONCLUDES.



### SITE CONTEXT

- > LATITUDE - 26.75 DEGREES SOUTH
- > LONGITUDE - 65.20 WEST
- > TERRAIN - MOSTLY VALLEY
- > CLIMATE - SUBTROPICAL

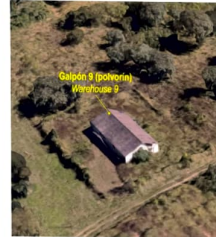
### TOPOGRAPHY

- > GENTLE SLOPES TOWARDS PLAINS
- > SITE HAS EXISTING CONTOURS
- > SEMI DENSE VEGETATION



### CLIMATE ANALYSIS

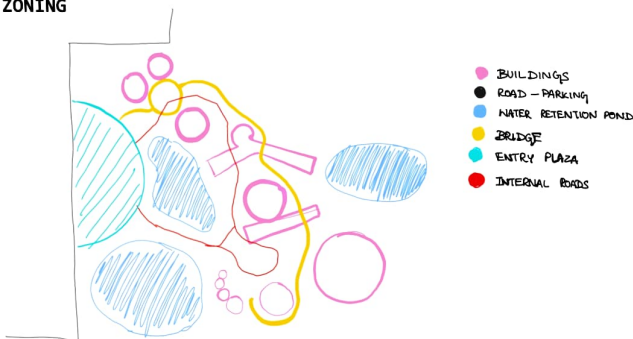
- > SUMMER TEMPERATURE - 30-40 CELSIUS
- > WINTER TEMPERATURE - 10-20 CELSIUS
- > RAINFALL - IN SUMMER
- > HUMIDITY - MEDIUM-HIGH



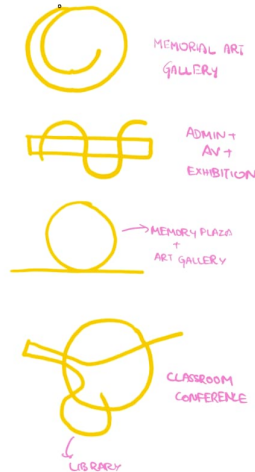
## NEXUS OF ECHOES

### ARSENAL MEMORY PARK - INTERPRETATION CENTER PROJECT DESCRIPTION

#### ZONING



#### Types



## CONCEPT

THE STANDARD DETENTION CELLS THAT ONCE EXISTED ON THE ARSENAL SITE WHERE PEOPLE WERE CONFINED AND BROKEN. THE ARCHITECTURE RESPONDS WITH A QUIET BUT RESOLUTE REFUSAL: BY ADOPTING THE CIRCULAR BUILDING, THE DESIGN ELIMINATES EVERY CORNER. THERE IS NO PLACE TO HIDE. A CIRCLE HAS NO BEGINNING AND NO END - IT SIMPLY CONTINUES.

THE ELEVATED BRIDGE FOLLOWS A SINGLE CONTINUOUS CURVE THAT NEVER INTERSECTS ITSELF - THE PHYSICAL EMBODIMENT OF AN ECHO. VISITORS WALK THIS PATH NOT AS SPECTATORS BUT AS ACTIVE PARTICIPANTS IN AN UNENDING LOOP OF REMEMBRANCE. THE ROADS MEET THE CIRCULAR BUILDINGS ONLY AS TANGENTS, TOUCHING HISTORY RESPECTFULLY WITHOUT PENETRATING OR DOMINATING IT.

THE COLOURS ARE EQUALLY INTENTIONAL: TEAL FOR RENEWAL, ORANGE FOR BURNING REMEMBRANCE, AND DEEP REFLECTIVE BLUE FOR REFLECTION. THESE ARE THE COLOURS OF LIVING MEMORY.

IN THIS WAY, THE ARCHITECTURE ITSELF BECOMES AN ACT OF INTERPRETATION. EVERY DIMENSION, EVERY CURVE, AND EVERY COLOUR IS A QUIET REFUSAL TO LET THE PAST REMAIN SILENT OR STATIC. THE BUILDING DOES NOT MERELY DISPLAY MEMORY - IT ENACTS IT.

## CORE IDEA

MEMORY IS A LIVING PROCESS.

NEXUS OF ECHOES REJECTS THE TRADITIONAL MUSEUM MODEL OF QUIET OBSERVATION. INSTEAD, IT CREATES AN ARCHITECTURE OF PARTICIPATION. VISITORS PHYSICALLY WALK THE ECHO (THE CURVED BRIDGE) EXPERIENCE THE DIMENSION OF CONFINEMENT TRANSFORMED INTO OPENNESS, AND REFLECT IN THE STILL WATERS OF THE RETENTION PONDS.

THE PROJECT TURNS THE PAINFUL HISTORY OF THE ARSENAL SITE INTO A SPACE OF RENEWAL, DIALOGUE, AND HOPE. IT IS NOT A MONUMENT TO THE PAST - IT IS A BRIDGE TO THE FUTURE.

## PROGRAM AND FUNCTION

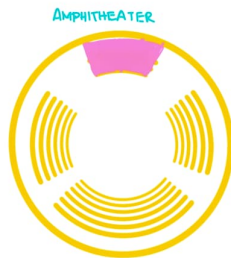
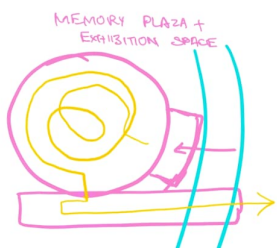
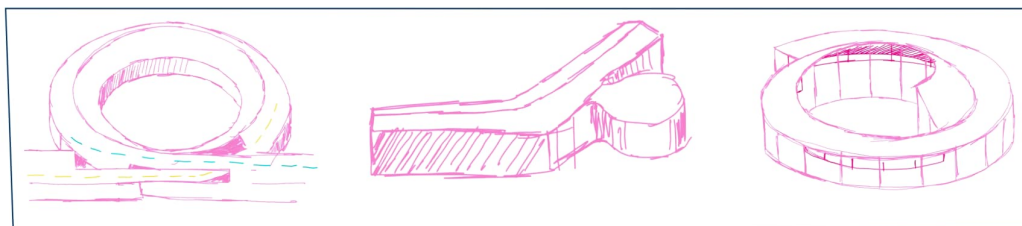
### THEMATIC ACTIVITIES SYSTEM

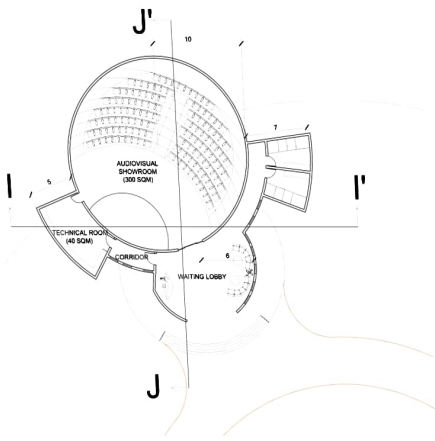
- > ADMINISTRATION - 1000 M2
- > HISTORICAL EXHIBITION PAVILLION - 1500 M2
- > MEMORIAL ART GALLERY - 1500 M2
- > IMMERSIVE AUDIOVISUAL SHOWROOM - 500 M2
- > MEMORY PLAZA (OUTDOOR) - 2500 M2
- > COMMERCIAL PREMISES AND SERVICES - 1000M2
- > PARKING - 3300 M2

### COMPLEMENTARY ACTIVITIES SYSTEM

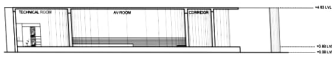
- > CONCERT/RECITAL HALL - 4000 M2
- > CLASSROOM COMPLEX - 1500 M2
- > CONFERENCE ROOM COMPLEX - 2500 M2
- > AMPHITHEATRE (GREEK STYLE) - 1000 M2
- > SHADE HOUSE -
- > PARKING - 20000 M2

## ROOFS

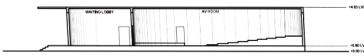




PLAN



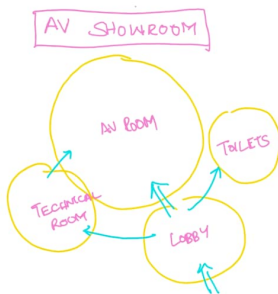
SECTION II'



SECTION JJ'



MASTER PLAN



EXPLODED VIEW



THE CONCEPT OF MOVEMENT IS DESIGNED AS A SEQUENTIAL JOURNEY THAT GUIDES VISITORS FROM ARRIVAL TO DISCOVERY AND CLIMAX.

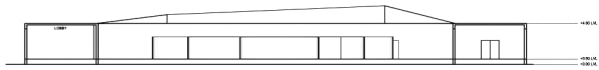
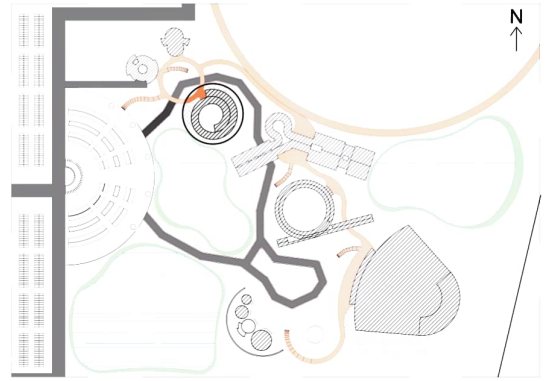
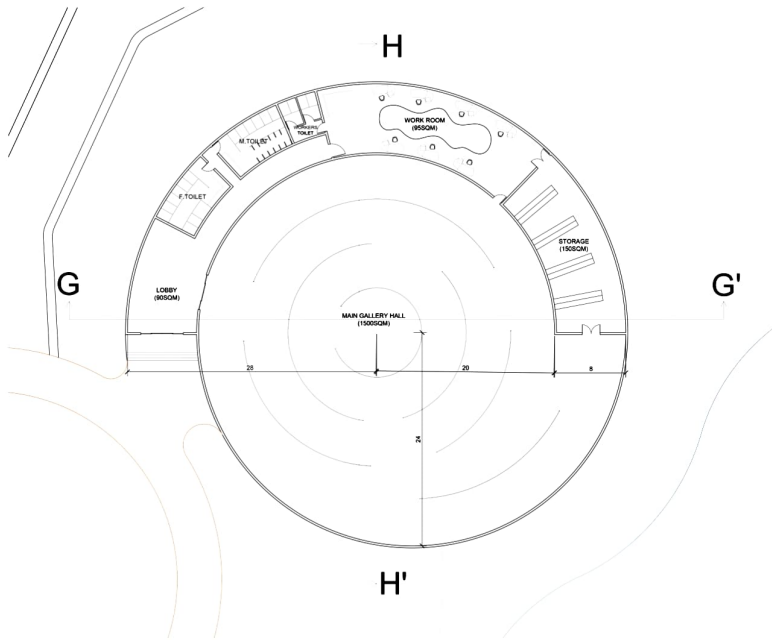
THE JOURNEY CULMINATES AT THE LARGE CIRCULAR AV SHOWROOM, CREATING A STRONG FOCAL POINT AND MEMORABLE EXPERIENCE.

FLEXIBLE SECONDARY LOOPS AND SEPARATE SERVICE MOVEMENT ENSURE INTUITIVE, CONGESTION-FREE FLOW WHILE MAINTAINING STRONG FUNCTIONAL RELATIONSHIPS.

- >THE AV SHOWROOM IS A PROMINENT CIRCULAR PAVILION LOCATED IN THE UPPER PART OF THE MASTER PLAN, DESIGNED AS THE MAIN IMMERSIVE AUDITORIUM.
- >IT FEATURES TIERED SEATING IN A LARGE CIRCULAR HALL SUPPORTED BY DEDICATED SPACES INCLUDING TECHNICAL ROOM, AV ROOM, AND TOILETS.
- >THE BUILDING HAS A MODERN, LOW-PROFILE DESIGN WITH A WIDE OVERHANGING CIRCULAR ROOF AND EXTENSIVE GLAZING FOR NATURAL LIGHT.
- >INTERIOR SPACES ARE MINIMALIST WITH CURVED SEATING AND LARGE WINDOWS OFFERING SCENIC VIEWS.
- >IT SERVES THE VISITOR EXPERIENCE FOR HIGH-QUALITY MULTIMEDIA SHOWS, DOCUMENTARIES, AND INTERPRETIVE AV PRESENTATIONS.

# AV SHOWROOM INTERPRETATION CENTER

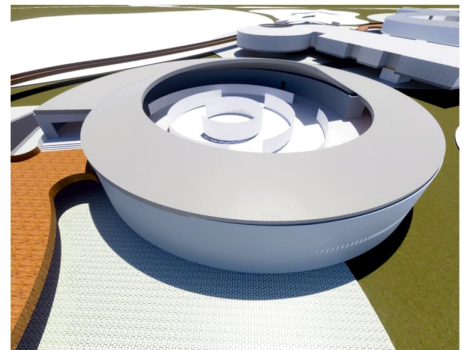
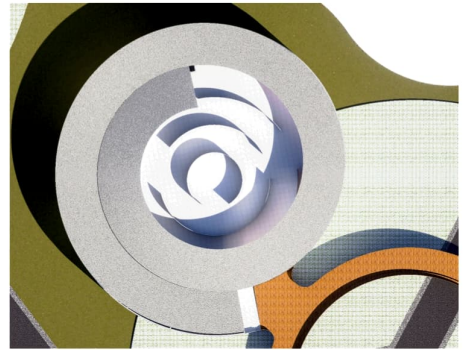
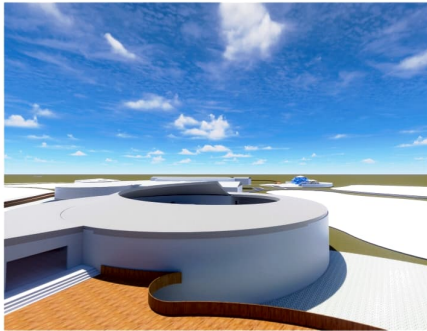




SECTION GG'



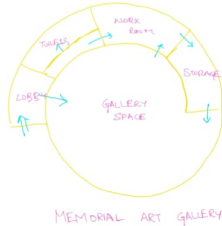
SECTION HH''



>RADIAL & CONCENTRIC MOVEMENT: VISITORS ENTER THROUGH THE LOBBY ON THE LEFT, WHICH LEADS DIRECTLY INTO THE GRAND MAIN GALLERY HALL AT THE CENTER.

>SUPPORT SPACES (STORAGE, WORK ROOM, TOILETS) ARE PLACED ALONG THE OUTER RING FOR EASY ACCESS WITHOUT DISTURBING THE MAIN GALLERY EXPERIENCE.

>CLEAR, UNOBSTRUCTED RADIAL PATHS FROM THE LOBBY TO THE CENTER CREATE A SMOOTH, PROCESSIONAL FLOW IDEAL FOR AN ART GALLERY.

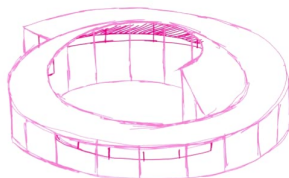


MEMORIAL ART GALLERY

THE DESIGN CONCEPT IS A MONUMENTAL CIRCULAR MEMORIAL SYMBOLIZING UNITY, CONTINUITY, AND INTROSPECTION.

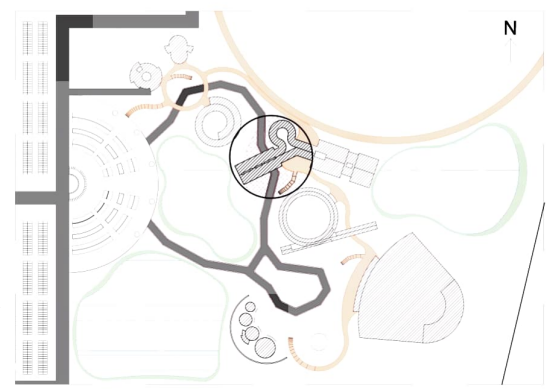
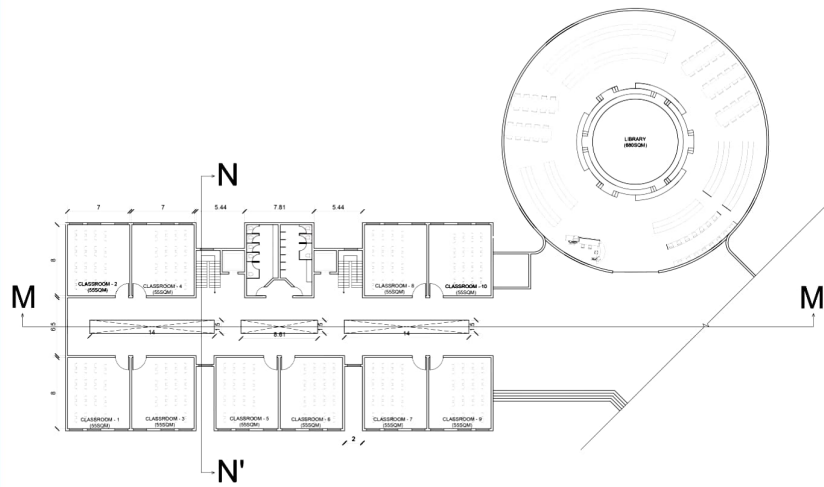
THE LARGE CENTRAL MAIN GALLERY HALL ACTS AS A CONTEMPLATIVE CORE, SURROUNDED BY A RING OF SUPPORT FUNCTIONS.

IT EMBODIES A JOURNEY FROM THE EXTERNAL WORLD INTO AN INNER REFLECTIVE SPACE, FITTING FOR A MEMORIAL ART GALLERY WITHIN THE INTERPRETATION CENTER. THE PURE CIRCULAR GEOMETRY CREATES A TIMELESS, ICONIC, AND SPIRITUALLY UPLIFTING FORM.

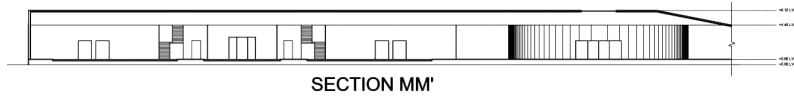


# MEMORIAL ART GALLERY INTERPRETATION CENTER





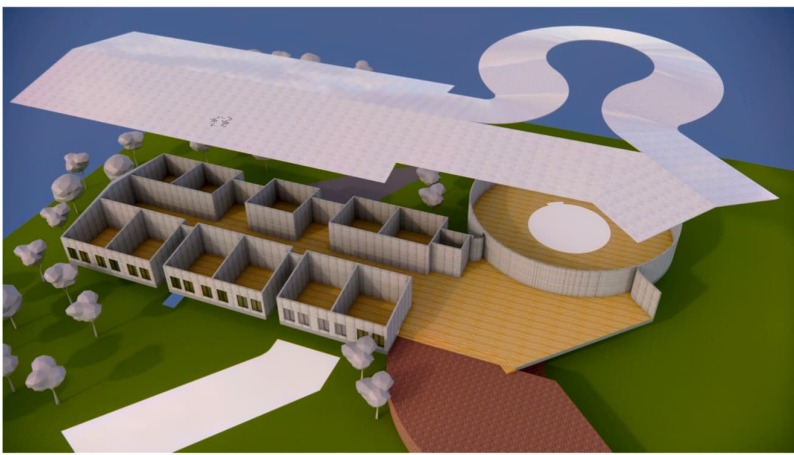
MASTER PLAN



SECTION MM'

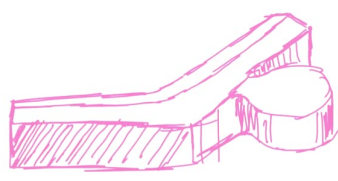


SECTION NN'



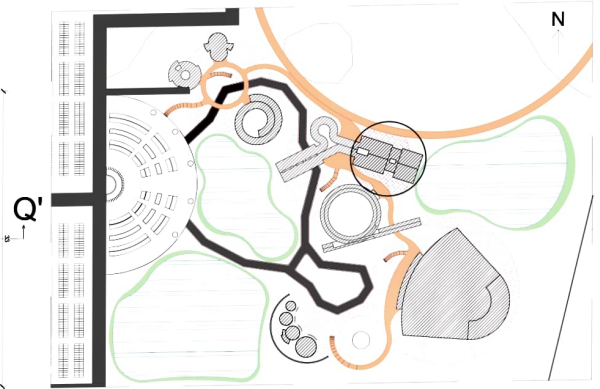
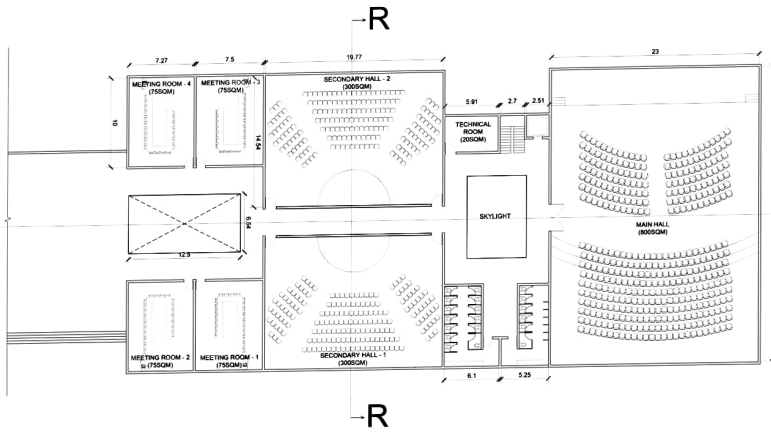
THE CLASSROOM COMPLEX COMPRISES TEN CLASSROOMS OF 55 SQM EACH, ARRANGED IN TWO PARALLEL ROWS WITH A 680 SQM LIBRARY ANCHORING THE COMPOSITION. THE LAYOUT FOLLOWS A STRONG LINEAR AXIS WITH LEVEL CHANGES FROM +0.00 TO +6.10, RESPONDING THOUGHTFULLY TO THE SITE'S NATURAL TOPOGRAPHY. CIRCULATION IS CLEAR AND EFFICIENT, CONNECTING INDIVIDUAL LEARNING SPACES TO SHARED FACILITIES ACROSS THE COMPLEX.

THE ROOF IS A FREE-FORM SCULPTURAL CANOPY THAT EXTENDS BEYOND THE BUILDING FOOTPRINT, UNIFYING THE CLASSROOM BLOCK AND CIRCULAR AUDITORIUM BENEATH A SINGLE CONTINUOUS SURFACE. MORE THAN A FUNCTIONAL SHELTER, IT SERVES AS THE DEFINING ARCHITECTURAL GESTURE OF THE CAMPUS - EXPRESSING MOVEMENT, FLUIDITY, AND IDENTITY.



# CLASSROOM COMPLEX INTERPRETATION CENTER

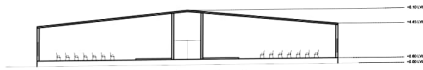




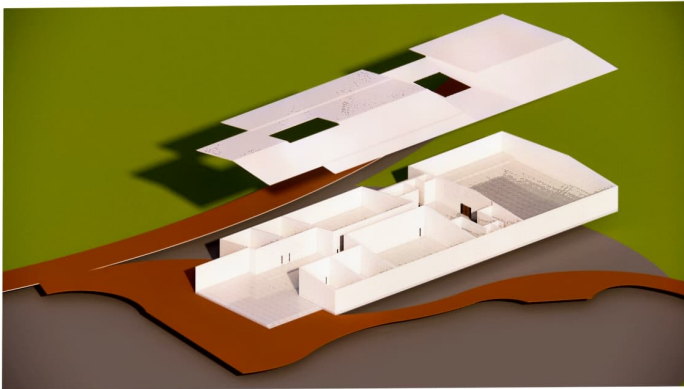
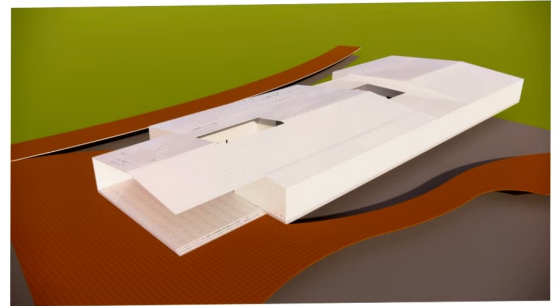
MASTER PLAN



SECTION QQ'

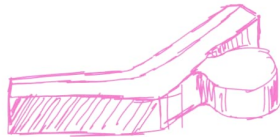


SECTION RR'



THE CONFERENCE COMPLEX IS ORGANIZED AROUND A DOMINANT MAIN HALL OF 800 SQM, FLANKED BY TWO SECONDARY HALLS OF 300 SQM EACH, CREATING A FLEXIBLE AND SCALABLE EVENT SPACE SUITED FOR GATHERINGS OF VARYING SCALES.

FOUR MEETING ROOMS OF 75 SQM EACH AND A 20 SQM TECHNICAL ROOM ARE EFFICIENTLY CLUSTERED TO SUPPORT THE PRIMARY HALLS WITH BREAKOUT AND OPERATIONAL FUNCTIONS.



A SKYLIGHT PUNCTUATES THE ROOF PLANE, DRAWING NATURAL LIGHT DEEP INTO THE HEART OF THE COMPLEX AND ANIMATING THE INTERIOR WITH A SENSE OF OPENNESS.

THE BUILDING SITS WITHIN A CAREFULLY CONSIDERED SECTION, RISING THROUGH LEVELS +0.00 TO +6.10, REFLECTING THE SLOPED TERRAIN OF THE SITE AS SEEN IN SECTIONS QQ' AND RR'.

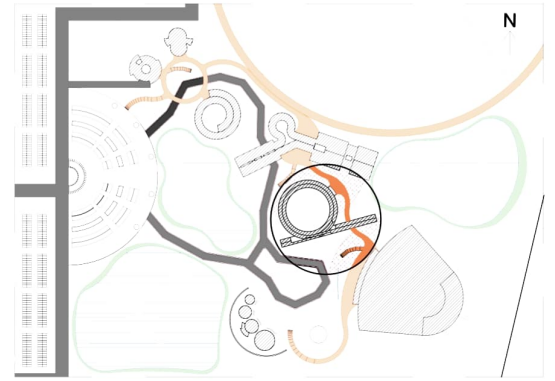
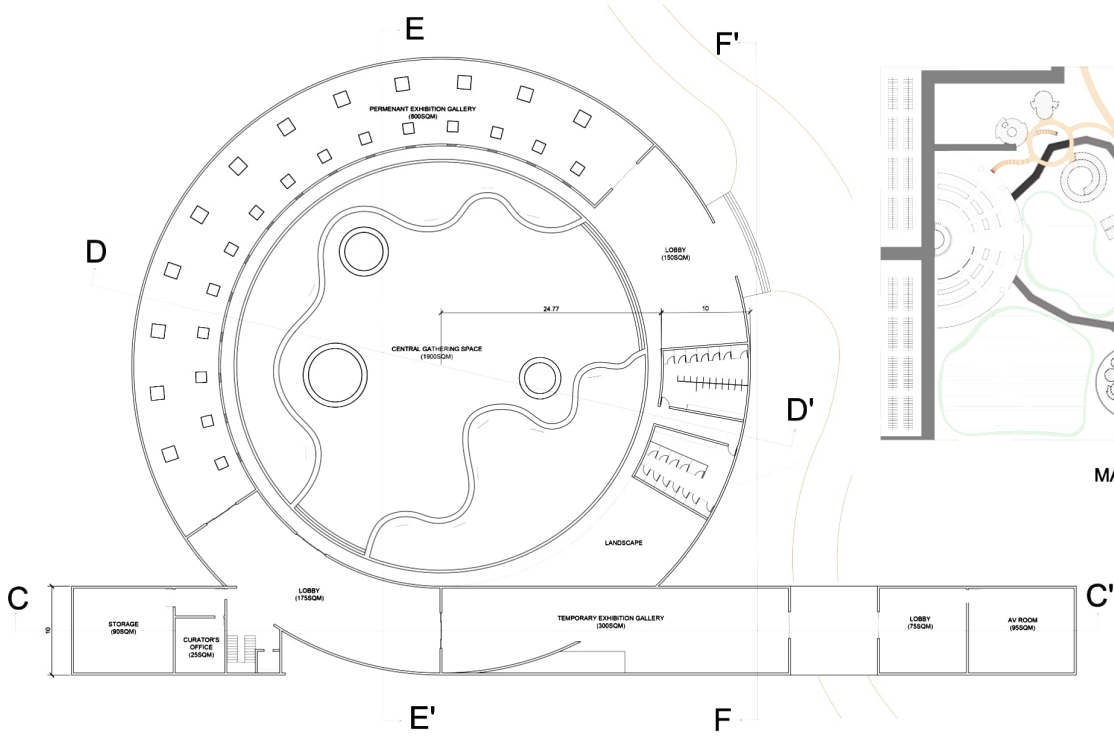


THE FLAT, CANTILEVERING ROOF - SHOWN LIFTED IN THE EXPLODED RENDER - EXTENDS BEYOND THE BUILDING MASS AS A CLEAN HORIZONTAL PLANE, REINFORCING THE COMPLEX'S BOLD, GROUNDED PRESENCE ON THE LANDSCAPE.

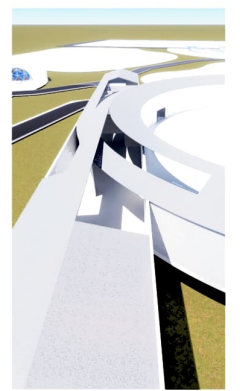


# CONFERENCE COMPLEX INTERPRETATION CENTER

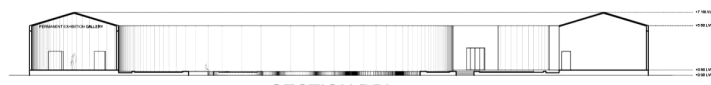




MASTER PLAN



SECTION CC'



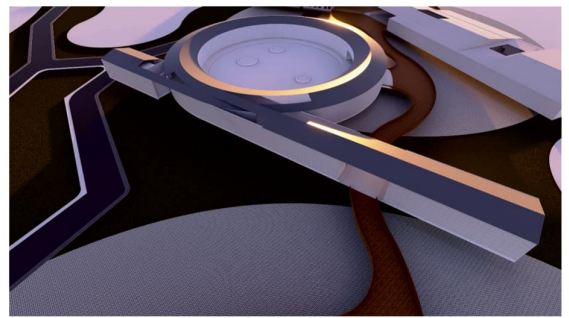
SECTION DD'



SECTION EE'

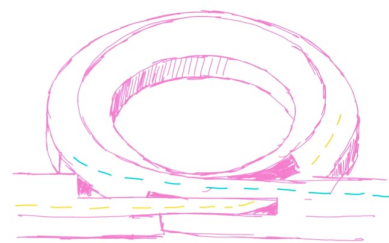


SECTION FF'



THE MEMORY PLAZA AND EXHIBITION GALLERY IS A LARGE CIRCULAR STRUCTURE HOUSING A CENTRAL GATHERING SPACE (1900SQM) SURROUNDED BY A PERMANENT GALLERY (800SQM), TEMPORARY GALLERY (300SQM), AV ROOM, CURATOR'S OFFICE, AND LOBBIES.

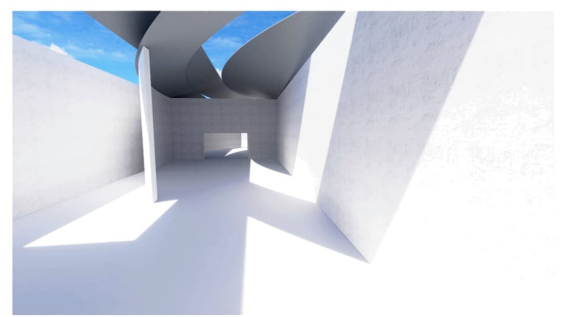
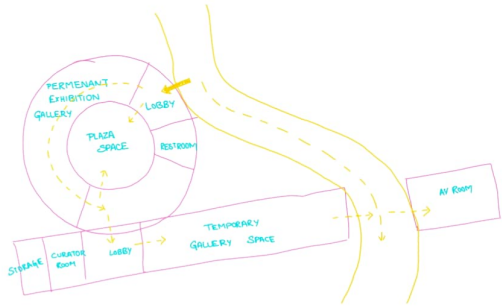
SPACES ARE ARRANGED ACROSS SPLIT LEVELS RANGING FROM +0.00 TO +7.10 LVL, CREATING A DYNAMIC SPATIAL JOURNEY THROUGH THE BUILDING.



THE ROOF MAINTAINS A LOW HORIZONTAL PROFILE, BLENDING SEAMLESSLY WITH THE SURROUNDING LANDSCAPE.

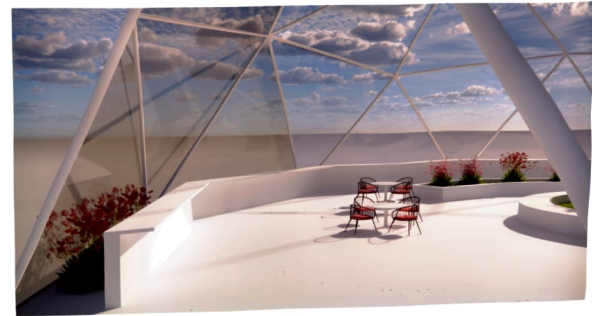
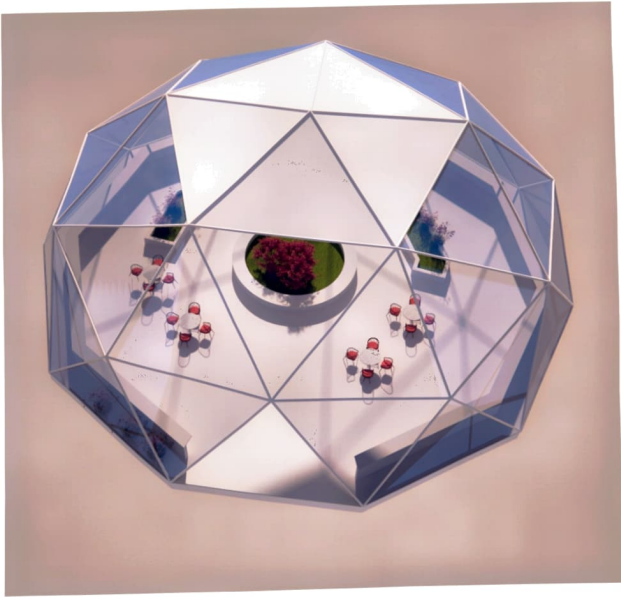
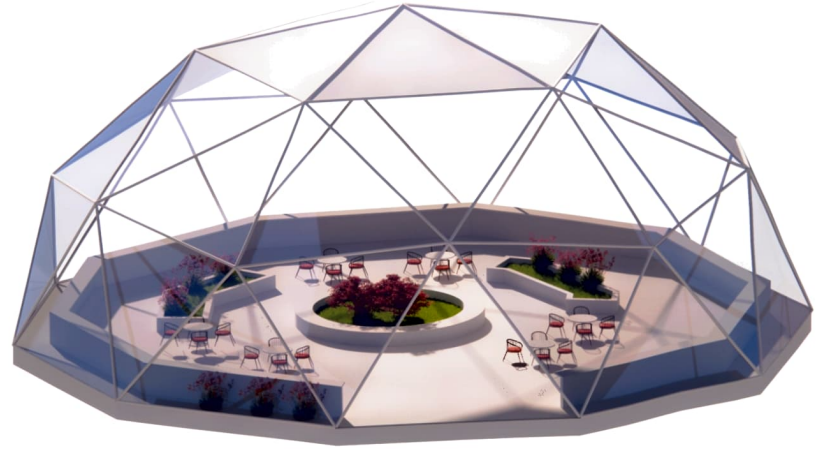
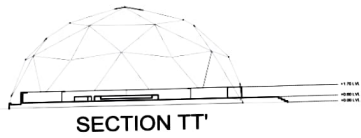
THE CENTRAL GATHERING SPACE OPENS DIRECTLY TO THE OUTDOORS, MERGING THE INTERIOR PLAZA WITH THE NATURAL ENVIRONMENT.

CENTRALLY POSITIONED WITHIN THE CAMPUS, IT CONNECTS EFFORTLESSLY TO ALL MAJOR ZONES THROUGH THE PRIMARY PEDESTRIAN NETWORK.



# MEMORY PLAZA AND EXHIBITION GALLERY INTERPRETATION CENTER





THE SHADE HOUSE IS DESIGNED AS A CIRCULAR GEODESIC STRUCTURE, ITS RADIAL PLAN CENTERED AROUND A FOCAL PLANTING CORE RINGED WITH LUSH GREENERY.

THE GEODESIC DOME ROOF FORMS A LIGHTWEIGHT TRIANGULATED SHELL THAT FILTERS SUNLIGHT WHILE PROVIDING SHELTER, CREATING A MICROCLIMATE OF SHADE AND VENTILATION BENEATH.

LEVEL CHANGES FROM +0.00 TO +1.70 KEEP THE STRUCTURE LOW AND GROUNDED, INTEGRATING IT GENTLY INTO THE LANDSCAPE. POSITIONED WITHIN THE MASTERPLAN AS A QUIET RETREAT, IT OFFERS A CONTEMPLATIVE COUNTERPOINT TO THE LARGER, MORE FORMAL COMPLEXES ON CAMPUS.

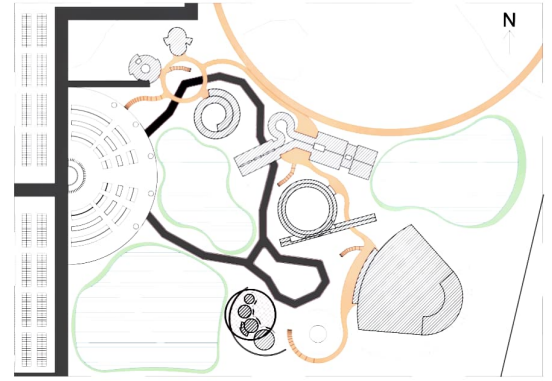
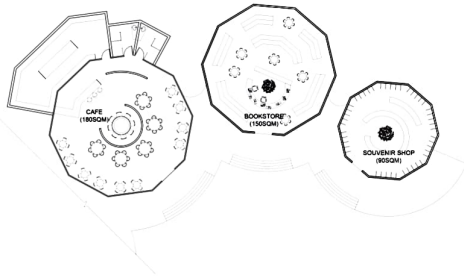
THE DOME'S GEOMETRIC ELEGANCE AND ORGANIC PLANTING MAKE THE SHADE HOUSE BOTH A BOTANICAL LANDMARK AND A SERENE PAUSE WITHIN THE INTERPRETATION CENTER.



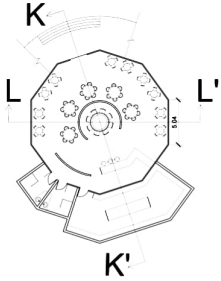
# SHADE HOUSE

## IGN CENTER

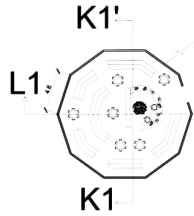




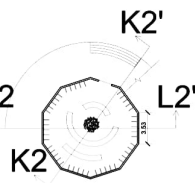
MASTER PLAN



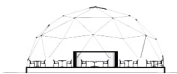
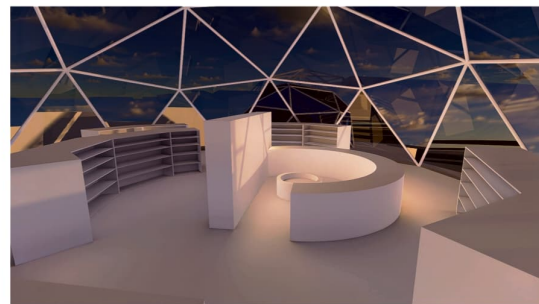
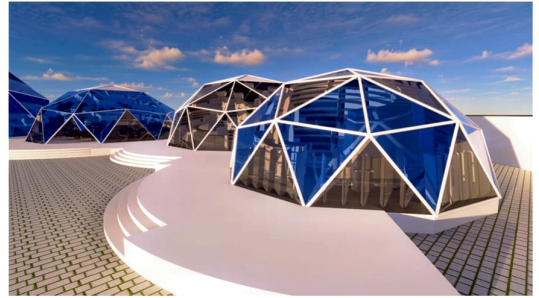
CAFE FLOOR PLAN



BOOKSTORE FLOOR PLAN



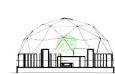
SOUVENIR SHOP FLOOR PLAN



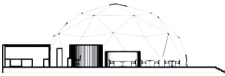
SECTION LL'



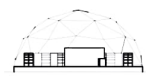
SECTION L1L1'



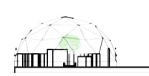
SECTION L2L2'



SECTION KK'



SECTION K1K1'



SECTION K2K2'



>THE COMMERCIAL PREMISES CONSIST OF THREE CIRCULAR PAVILIONS – A CAFÉ (1805QM), BOOKSTORE (1505QM), AND SOUVENIR SHOP (985QM) – CLUSTERED AS A UNIFIED NODE WITHIN THE CAMPUS.

>EACH PAVILION IS CROWNED WITH A GEODESIC DOME ROOF, GIVING THEM A STRONG VISUAL IDENTITY WHILE ALLOWING NATURAL DAYLIGHT INTO THE INTERIORS.

>THE CIRCULAR FLOOR PLANS ENCOURAGE FREE, FLUID MOVEMENT FOR VISITORS ACROSS ALL THREE UNITS.

>STRATEGICALLY POSITIONED BETWEEN THE MAIN EXHIBITION BUILDINGS AND THE PERFORMANCE SPACES, THE CLUSTER NATURALLY INTERCEPTS VISITOR FLOW THROUGHOUT THE DAY.

>SHARED PATHWAYS AND A COMMON FORECOURT CONNECT THE THREE UNITS TO EACH OTHER AND TO THE WIDER PEDESTRIAN NETWORK OF THE CENTER.

# COMMERCIAL PREMISES INTERPRETATION CENTER

