

P O R T F O L I O

Maitry Lapsiwala
UTSA - University of Texas at San Antonio





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MASTER OF ARCHITECTURE

University of Texas at San Antonio

Design and creativity are the driving forces behind my passion for architecture. I believe architecture is more than building—it’s storytelling through space. Every line drawn, every material chosen, and every form imagined is an opportunity to express ideas, solve problems, and shape experiences. As **Frank Lloyd Wright** once said, “**You can use an eraser on the drafting table or a sledgehammer on the construction site,**” reminding us that thoughtful design is essential from the very beginning. My creative process is rooted in curiosity and exploration, constantly searching for unique, functional solutions that respond to context and human need. I’m inspired by **Maya Angelou’s** words, “**You can’t use up creativity. The more you use, the more you have,**” which reflect my belief that creativity is an endless resource—nurtured by observation, experimentation, and a deep love for the craft. Whether it’s a small detail or a bold concept, I strive to bring clarity, emotion, and purpose into every design, crafting spaces that are not only innovative but also meaningful and enduring. Through my work, I aim to leave a lasting impact—designs that resonate with people long after they’ve experienced them. For me, architecture is not just what I do; it is who I am.

TECHNICAL

AutoCad
Revit
Enscape
Rhino
SketchUp
Vray
Grasshopper
Ladybug
Honeybee
Adobe Photoshop
Adobe Illustrator
Adobe InDesign
Lumion
MS Office

SKILLS

SOFT SKILLS

Time management
Logical thinking
Problem Solving
Documentation
Presentation
Team work
Visual Design

HAND SKILLS:

Hand Drafting
Sketching
Model making

EDUCATION

01

Graduation
Master of Architecture

University of Texas at San Antonio
Texas
2023-2026

02

Undergraduation
Bachelor of Interior Design

Veer Narmad South Gujarat University
India
2018-2022

ACHIEVEMENTS

- FIRST YEAR GRADUATE AWARD** - recognized as the Top Architecture Designer for first-year graduate students at UTSA’s 2024-25 School of Architecture and Planning Open House.
- 3rd position at Transdisciplinary Team Grad Challenge: Well-being** - Team grad challenge, where we should recognize well being issue in the city and provide solutions for them for better well-being.
- HPDS (High - Performance Design and Sustainability) Certifacte** - Knowledge about how buildings imact the environment and how building performance, in terms of operational energy, daylighting, occupants health, embodied enegy and other relevant and emerging issues such as biophilia can be predicted, analyzed and used to improve buildings.

WORK EXPERIENCE

- Spaces Designed Interior Design Studio** , Austin, TX - Jun 2026- Present
(Full time job as Junior designer).
- Hiren Patel Architects**, Ahmedabad, India - Jun 2022- Jun 2023
(Full time job as an interior designer).
- Vaaste Architects**, Surat, India - Jun 2021- Dec 2021
(Undergrad Interior Design Internship).



UTSA- Fall'23 - Mini Ice Box Challenge



UTSA- First Year Graduate Award



Grad School - Space Planning Model



Presentation at Overland Partners



Undergrad - Space Planning Model

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- 09 RSP (Related Study Programme) : Kalimpong, India



UTSA- First Year Graduate Award

01 Master's Project : Sensory Threshold

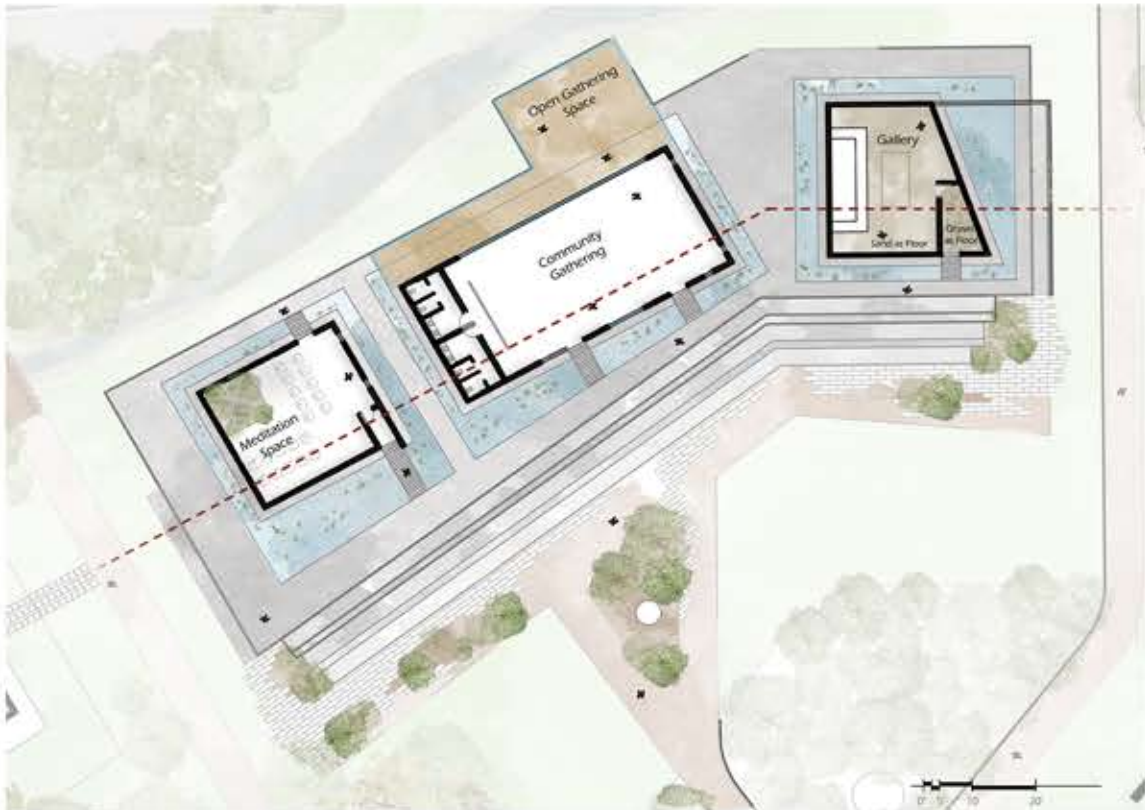


Site Plan



Elevation

The Sensory Threshold journey is a curated architectural sequence that guides the body through changing states of perception, using movement, landscape, material, light, sound, and spatial transitions to heighten sensory awareness. From the arrival threshold, spaces alternate between compression and release, gradually shifting from active environments to moments of contemplation. Gravel and sand engage sound and movement within the gallery, while glass blocks transform light into dynamic visual fields. The community space opens toward the river, integrating social interaction with wind, water, and landscape, before transitioning into a meditation space that frames the sky, trees, rain, and sunlight. The journey ultimately resolves in a quiet pause space where sensory stimuli diminish, allowing space, body, and memory to converge into a lasting sensory experience.



Building Plan



Building Section

Gravel introduces sound, while finer sand slows movement and creates a contemplative gallery atmosphere. Glass blocks filter light into dynamic patterns, merging architecture with visual expression. The community space opens toward the river, engaging wind, water, sound, and social interaction. The sequence culminates in meditation, framing nature and shifting sunlight as a moment of reflection.



Taste is experienced in a communal café where sharing and conversation extend nourishment beyond food, concluding the sensory journey through social interaction, while an adjoining herb landscape enriches the space by connecting aroma, edible plants, and nature.



Sound is shaped through a narrow brick corridor where a linear water channel and dripping corten steel elements create rhythmic resonance and layered acoustics, amplified by tall enclosing walls that heighten footsteps, echoes, and water sounds while reducing visual distraction.

The amphitheatre is encircled by a layered fireclay brick wall with earth-toned visual strips that gently merge into the ground, while tree-filtered light casts shifting shade to enrich spatial depth and atmosphere.



Vision is intensified through a ceiling cutout where rain, filtered tree light, and shifting shadows merge, engaging sight while also enhancing the smell of wet soil and brick to heighten sensory perception.



One of the most important moments of the project is what is called the Final Pause. After moving through all sensory thresholds the visitor reaches a quiet sheltered space. This is intentionally simple and calm. It allows reflection after stimulation. The project ends not with spectacle, but with stillness. That pause becomes the space where all previous experiences settle into memory.

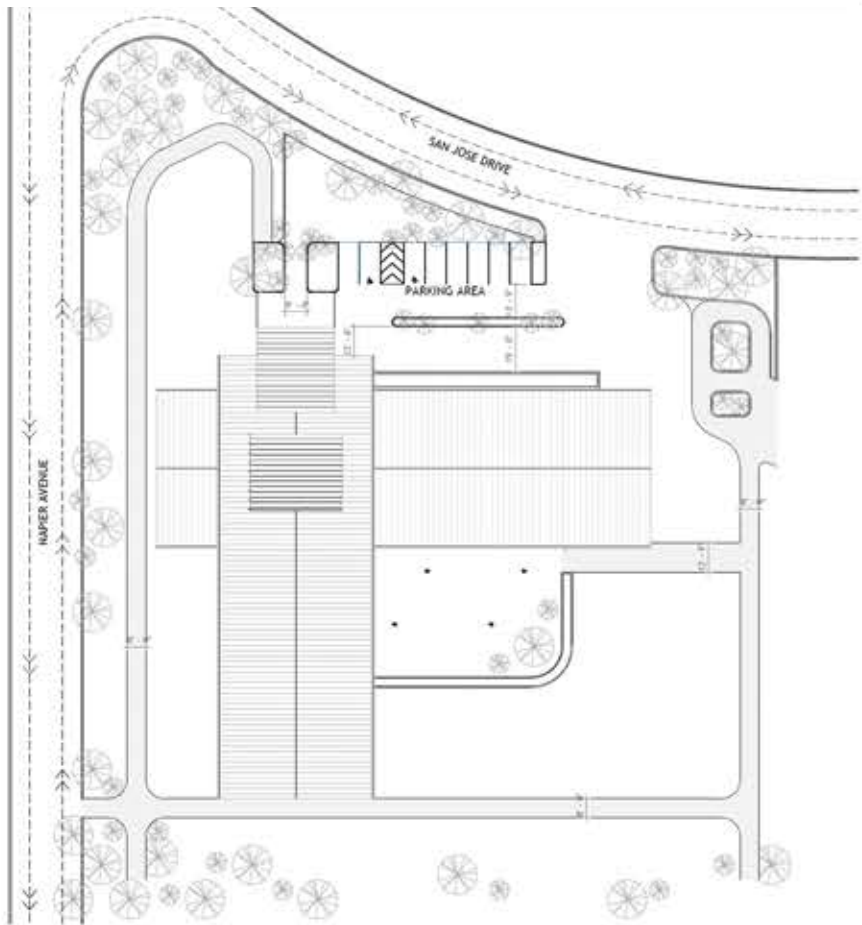


Touch is emphasized through materiality as visitors engage with textured stone paths, timber platforms, and planted edges, experiencing variations of temperature, softness, roughness, and scale through direct contact.

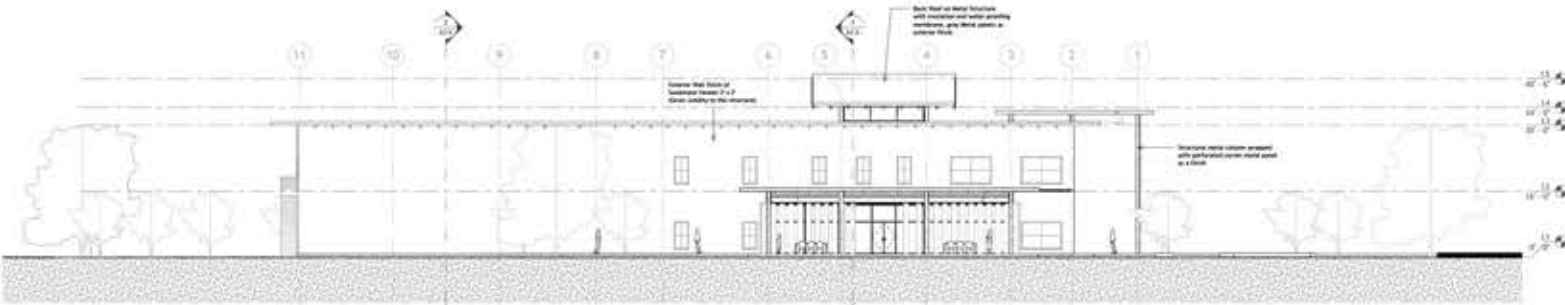
Smell is shaped through fragrant, seasonally changing planting where air movement carries scent across the pavilion, making it an invisible yet powerful spatial element that evokes emotion and memory, creating a deeply personal sensory connection.



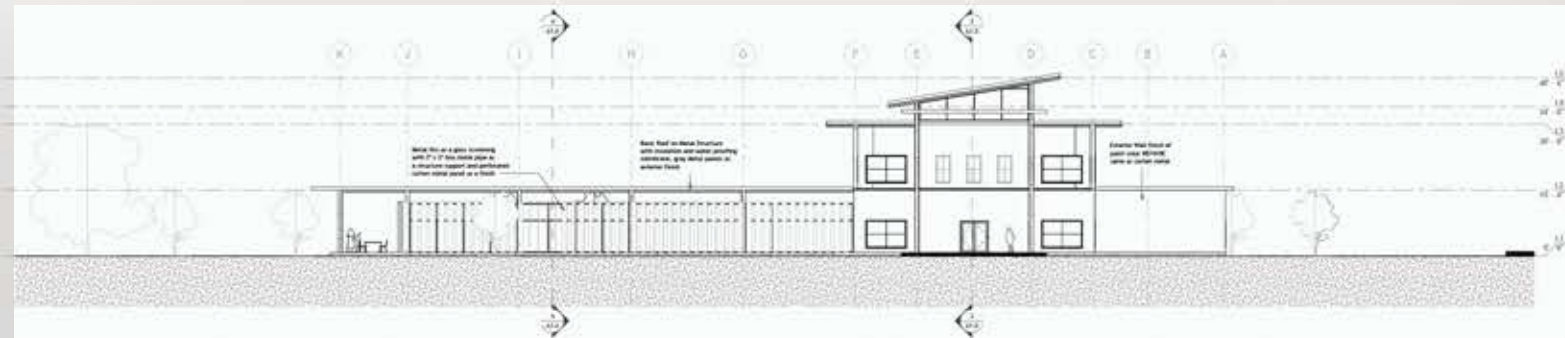
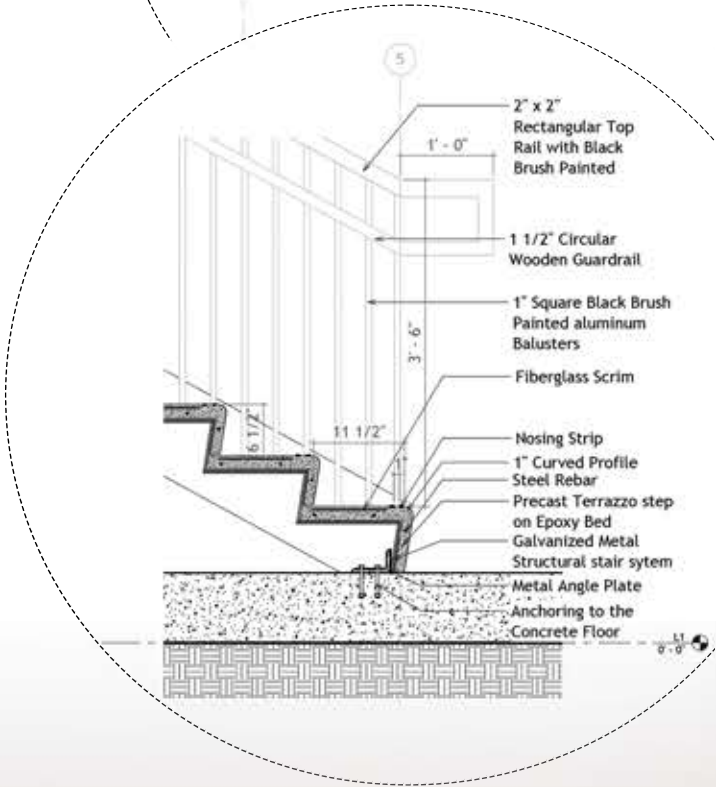
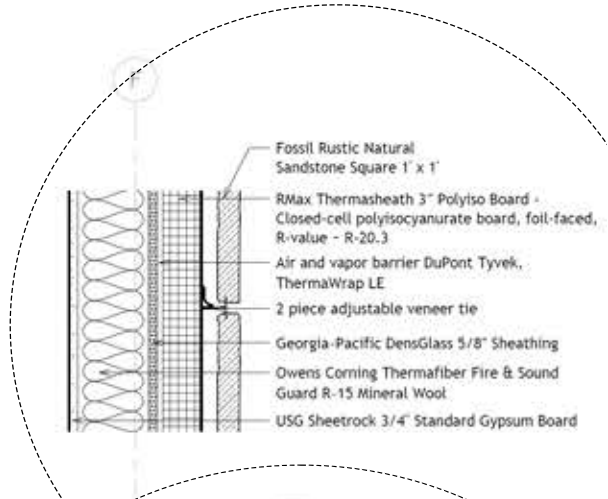
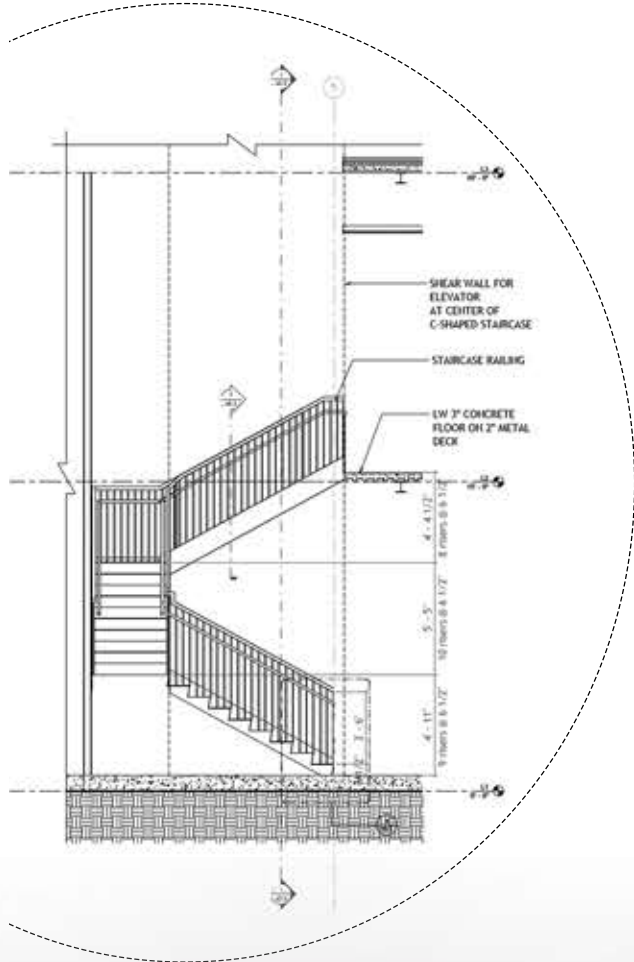
02 Mission San Jose Archive : Construction Drawings



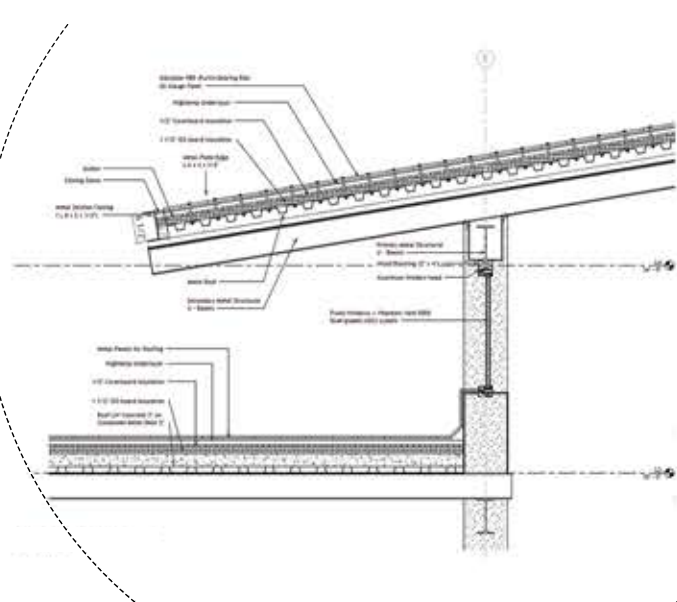
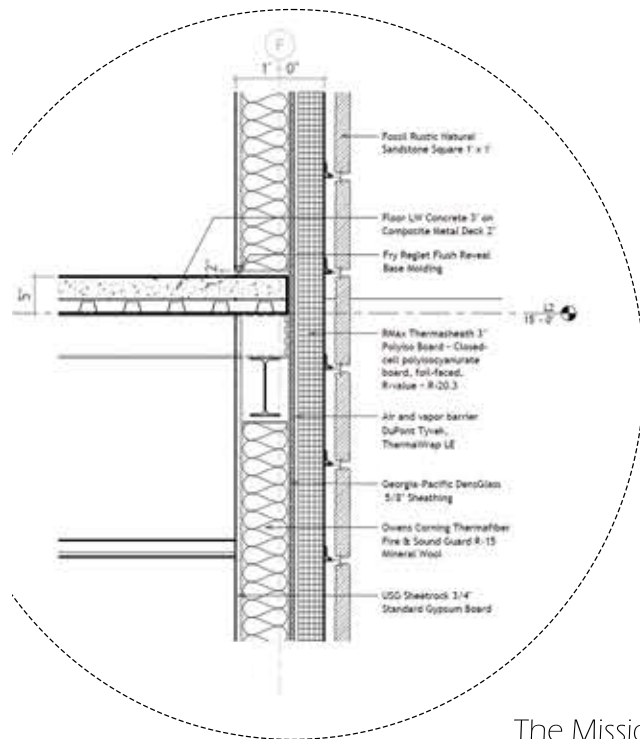
The San José Archive is conceived as a space for the preservation, study, and public engagement of the historical records of the Missions of San Antonio. The project brings together archival storage, library and reading spaces, temporary exhibition areas, offices, and meeting rooms within a carefully controlled and accessible environment. Emphasis is placed on environmental performance, material longevity, and spatial clarity, ensuring the protection of sensitive collections while creating meaningful experiences for visitors and researchers. The design balances technical rigor with architectural expression, translating the archival function into a thoughtful and enduring built form.



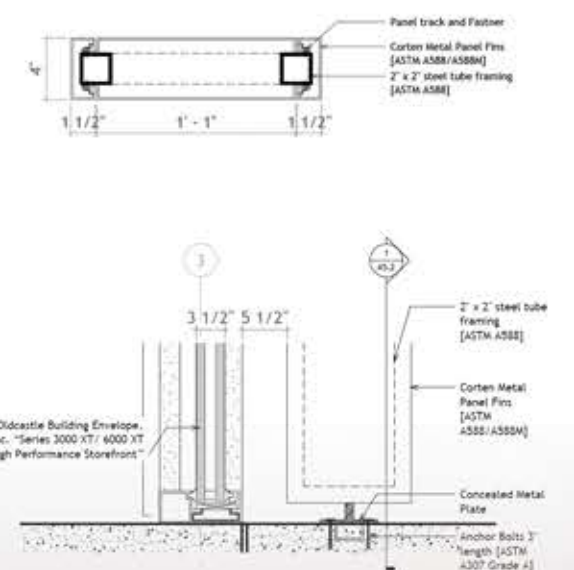
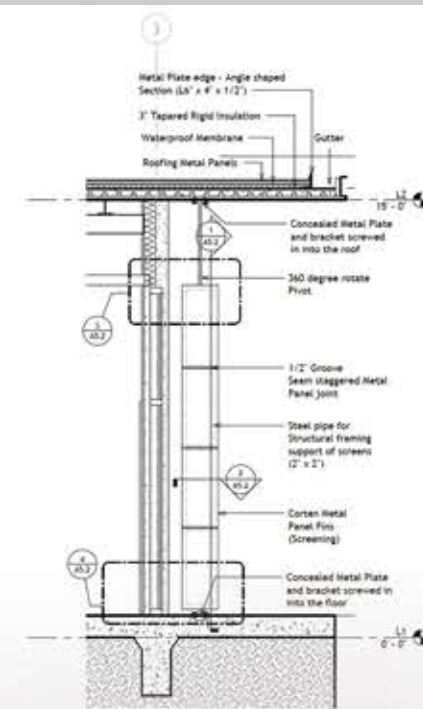
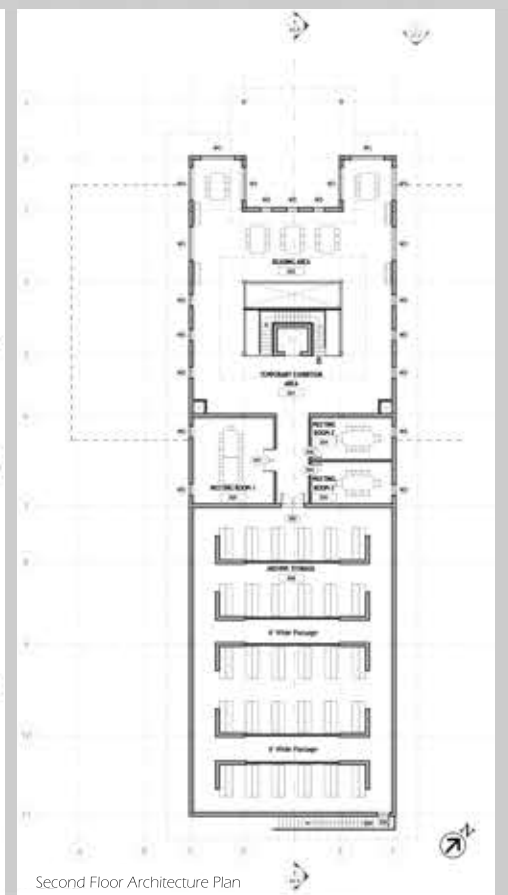
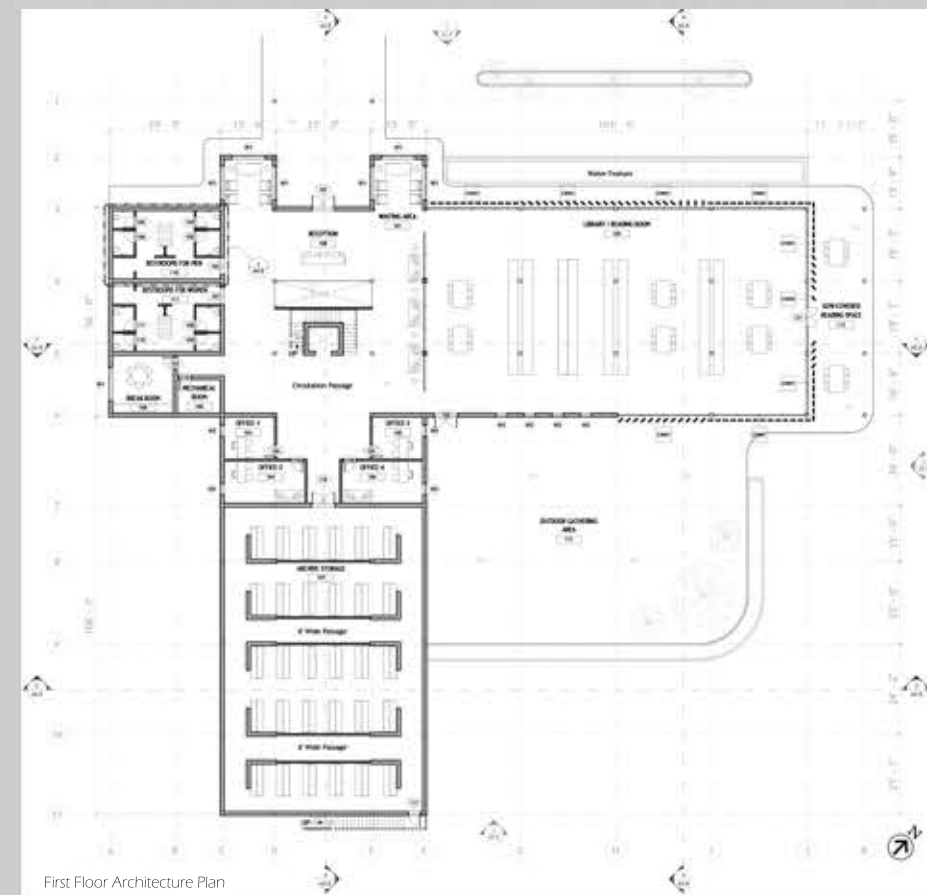
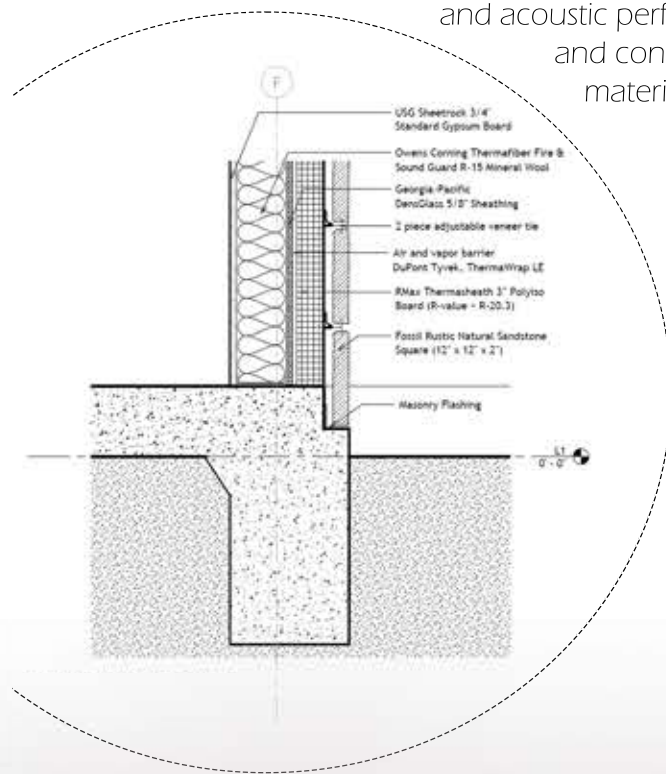
East Elevation



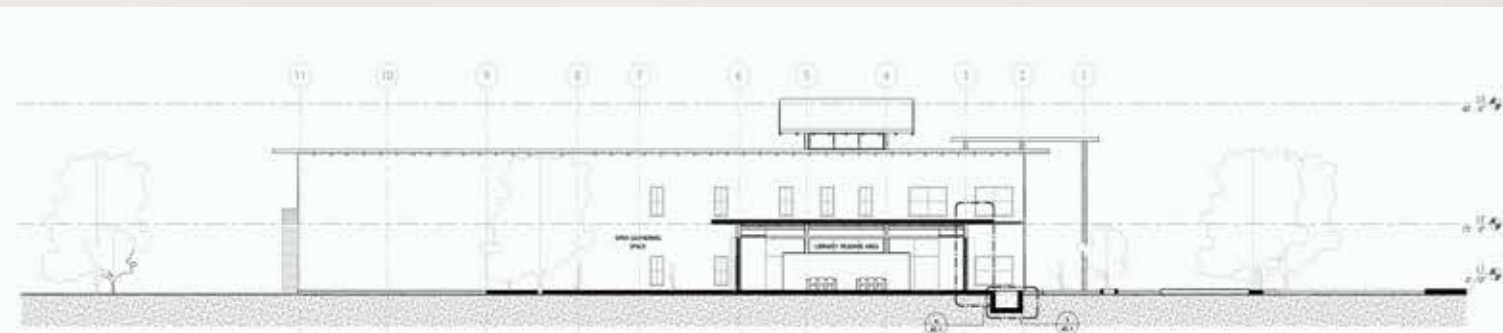
Front Elevation



The Mission San Jose Archive employs an integrated envelope and structural system designed for durability, energy efficiency, and environmental control. Layered wall, roof, and floor assemblies combine continuous insulation, air-vapor barriers, and robust structural framing to ensure thermal stability and acoustic performance. Corten screening, high-performance glazing, and controlled daylight strategies balance protection of archival materials with spatial quality. Together, these systems create a resilient, climate-responsive building that supports both preservation and public engagement.



Sectional Elevation



Sectional Elevation

03 Healing through Architecture : Mental health & Community Park



The proposed project in San Antonio’s southwestern region aims to address the community’s limited access to mental health services and the cultural stigma surrounding them by creating an integrated mental health clinic and community park. Located on South Zarzamora Street, the design transforms an existing structure into two connected zones—a semi-covered public porch and gathering area with recreational amenities, and a clinic offering a gradient of privacy from public lounges to private therapy rooms. A secondary building, linked by a calming water feature, houses specialized therapy spaces such as group and sensory therapy rooms, meditation areas, and a healing garden. Blending nature, light, and community engagement, the project promotes emotional well-being, openness, and social connection within a culturally rooted environment.

The renderings show how light and materials enhance healing and cultural identity. The group therapy area’s north glass façade connects interior spaces with nature, promoting calmness. The main clinic’s perforated metal façade and the therapy building’s terracotta wall, both featuring Hispanic-inspired patterns, filter sunlight while maintaining privacy and visual connection, uniting function, culture, and well-being.



01 Lantern for Self-healing

02 Amphitheatre

03 Meditation Garden

04 Community Garden

05 Fitness Area

06 Dog Park

07 Playground

08 Cultural Sculptural Zone

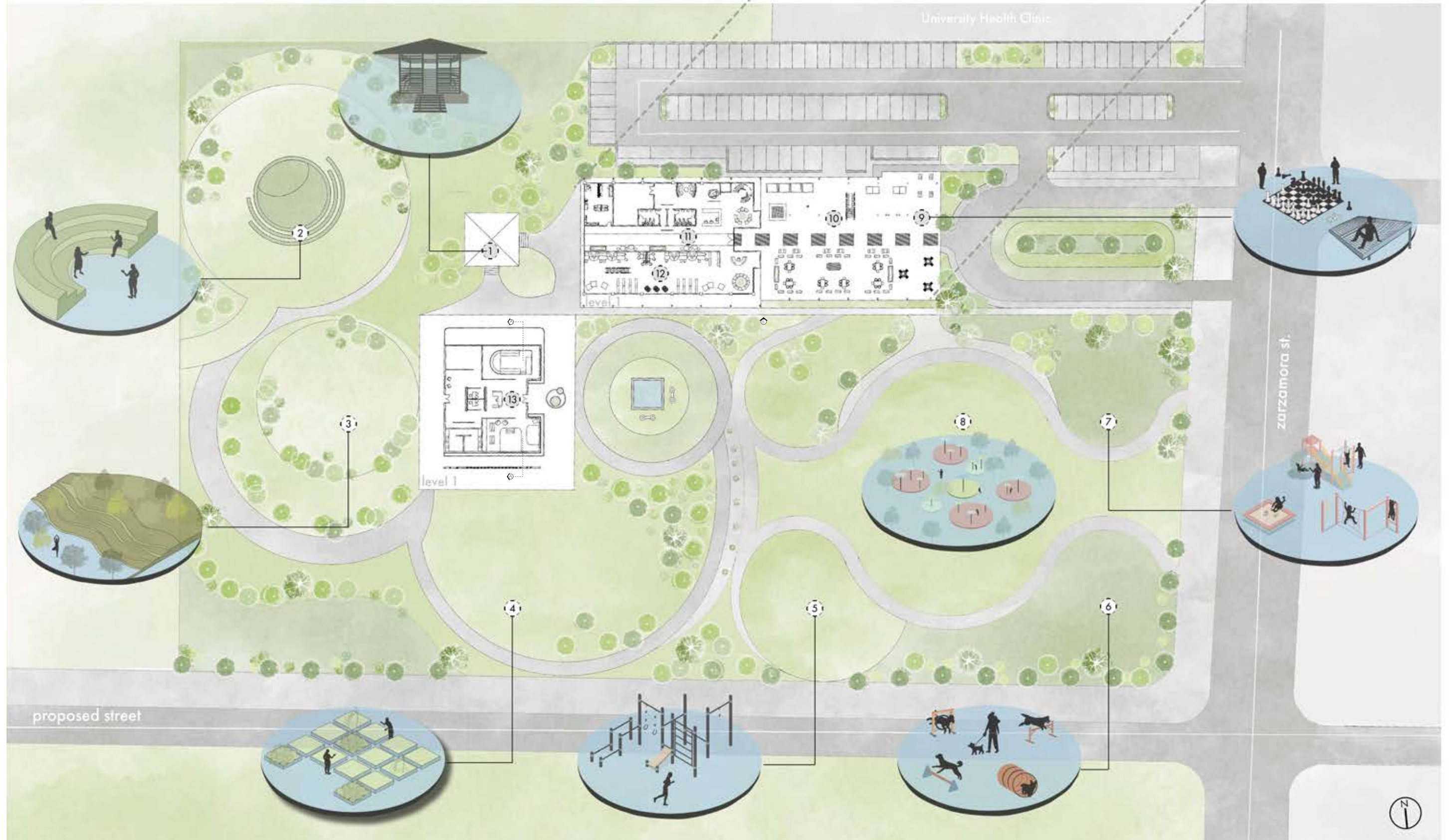
09 Porch Lifesize Games and Activities

10 Public Porch Gathering

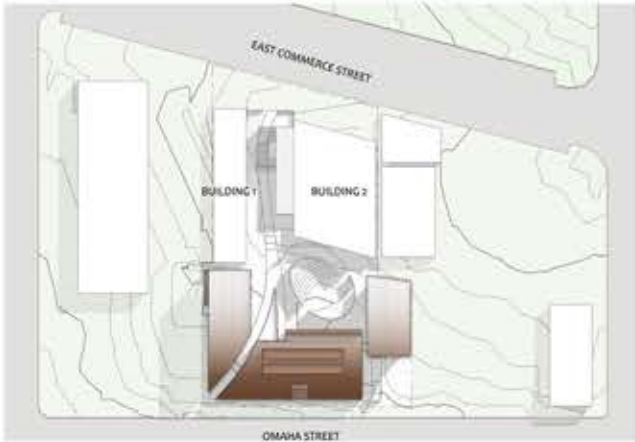
11 Mental Health Clinic

12 Library

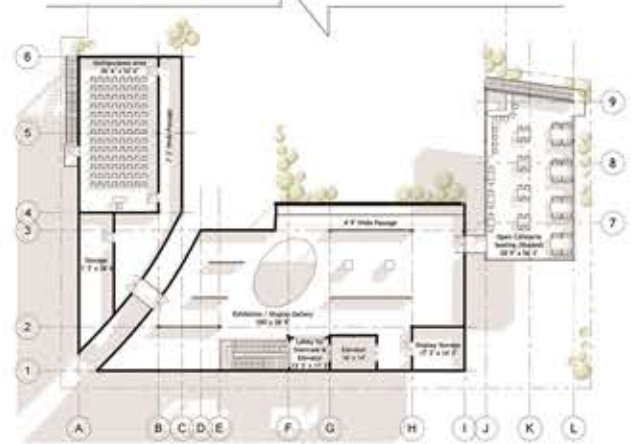
13 Therapy Building



04 Solar Interaction with Architecture : Cultural Art Center



Site Plan

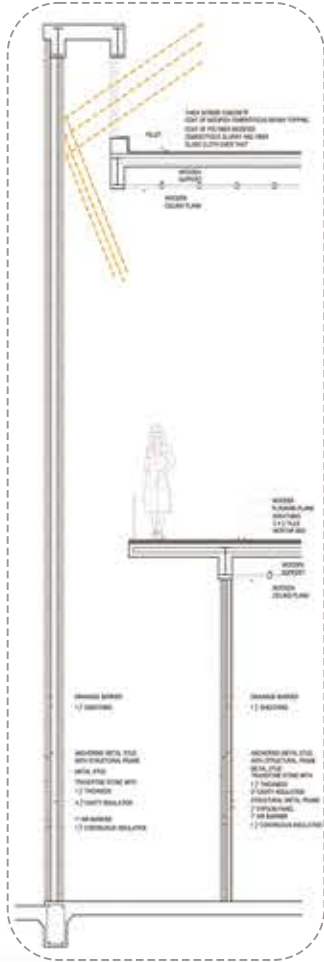


Second Floor

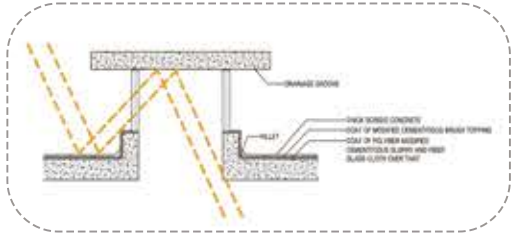


First Floor

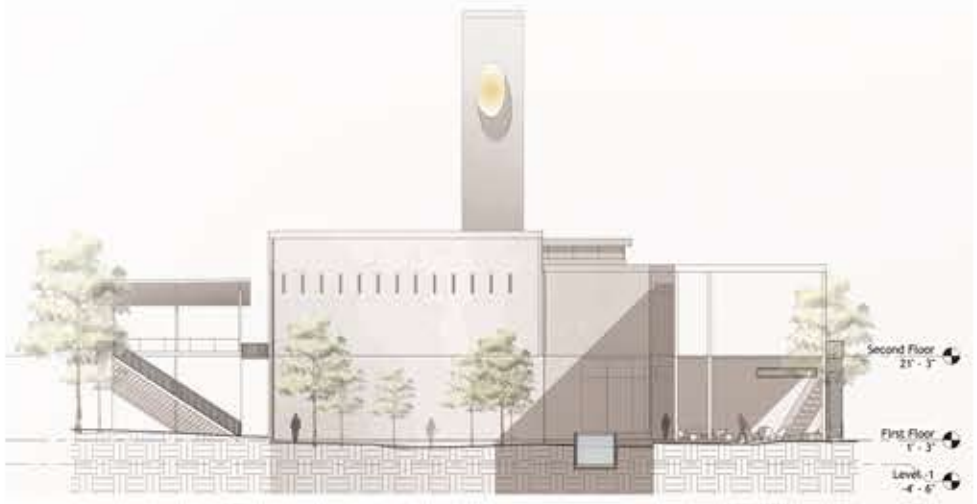
The Cultural Art Center on East Commerce Street in San Antonio is designed to merge art, light, and nature through thoughtful solar integration. Its interconnected spaces—gallery, amphitheater, cafeteria, and outdoor seating—are united by a dynamic play of sunlight and shadow. Pergolas along the entrance create shifting light patterns, while a dimly lit double-height passage highlights the contrast between shadow and natural illumination. The design celebrates two solar phenomena: a tower that projects a precise beam of light during the equinoxes, symbolizing balance, and a winter alignment that frames the setting sun, creating a glowing “golden hour” effect. Through these solar interactions, the center embodies harmony between architecture, nature, and celestial rhythms.



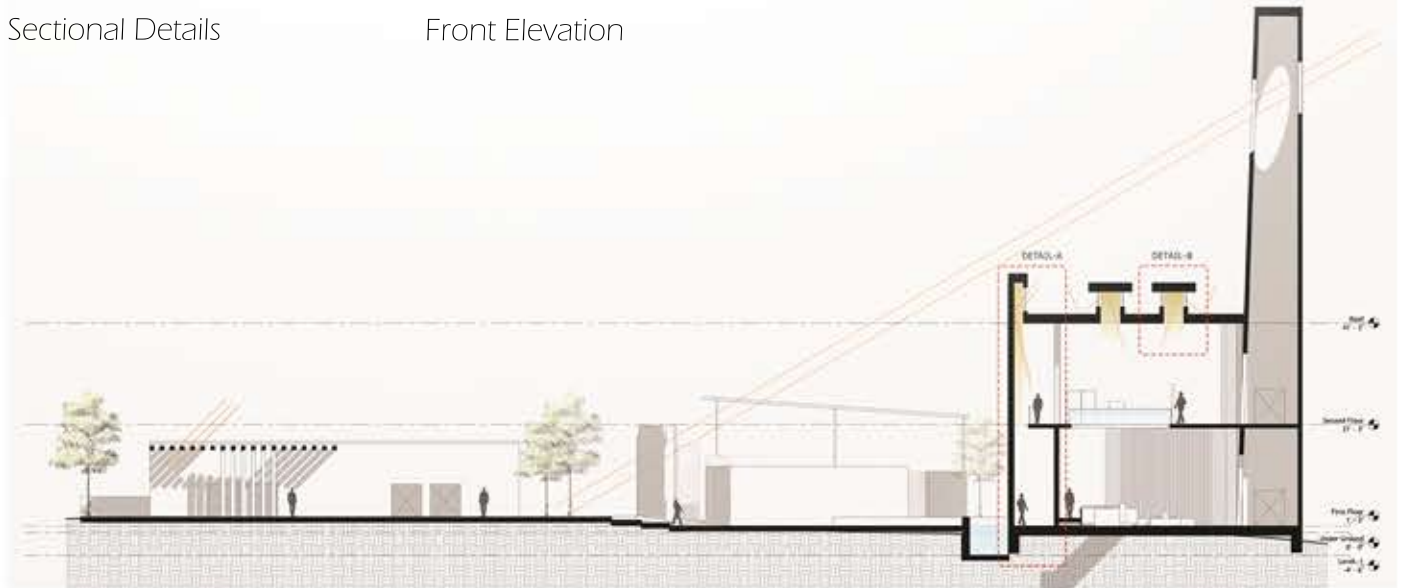
Sectional Details



The double-height entrance passage is kept deliberately dark, with indirect light softly washing the walls to create a calm and immersive transition. This subdued atmosphere slows movement and heightens spatial awareness. Visual connections to the upper floor offer partial glimpses of the exhibition spaces, evoking curiosity. An indirect skylight above acts as a natural light source. It gently distributes daylight into the exhibition area, avoiding glare. Together, these elements reinforce vertical continuity and enhance the overall spatial experience.



Front Elevation



Sectional Elevation



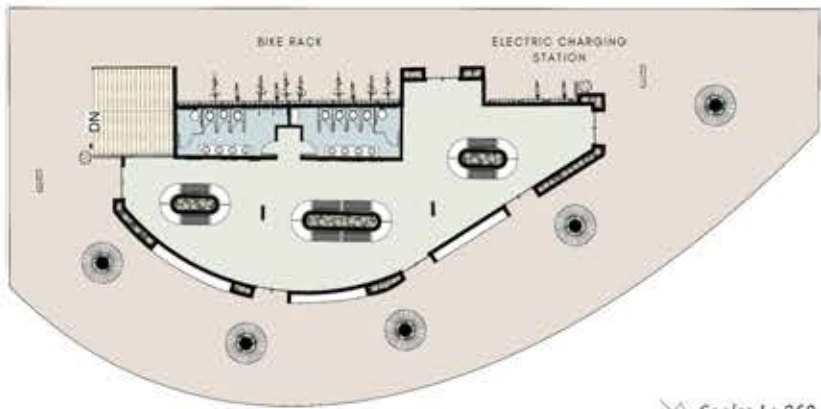
05 Solidity for Saltivka, Kharkiv, Ukraine



Bus Station Exterior



Bus Station Interior



Bus Station Floorplan

- Bus Station Key
- Pedestrian Walkway
 - Waiting Area
 - Public Restroom
 - Access to Underground Bomb Shelter

The bus station is designed for comfort and clarity, offering varied seating, transparent façades for easy bus visibility, and a warm indoor waiting space for Kharkiv's harsh winters, while also serving as a community information hub. A key element of the proposal is a long-term public bomb shelter integrated into the public realm and planned for future conversion into a metro stop. Designed for 600 people, the two-level shelter includes reliable power and ventilation systems, sleeping and circulation areas, dining and recreation spaces, sanitation facilities, food and water storage, kitchens, and medical support areas.



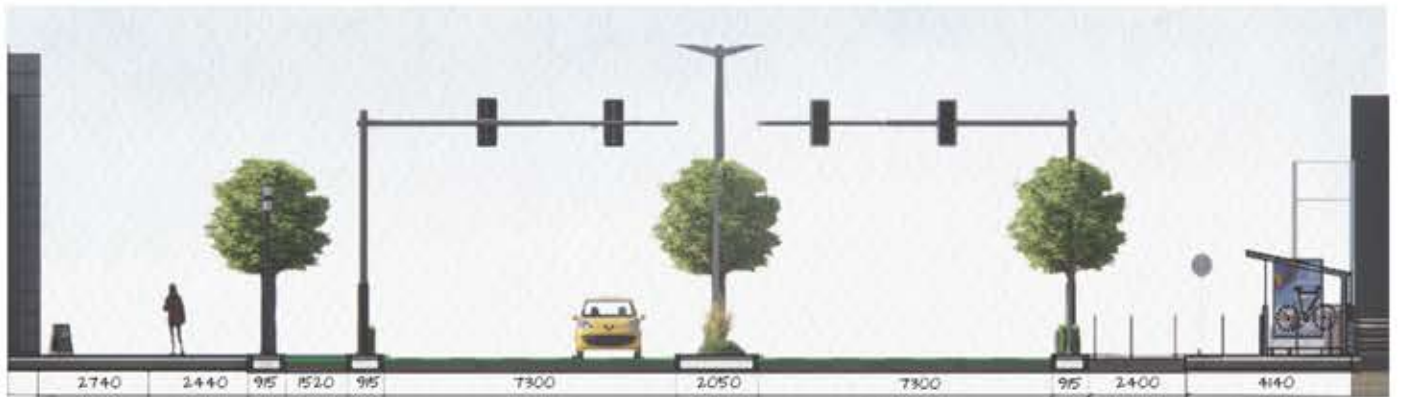
Underground Long Term Bomb Shelter Section



PROPOSED METRO ADDITION

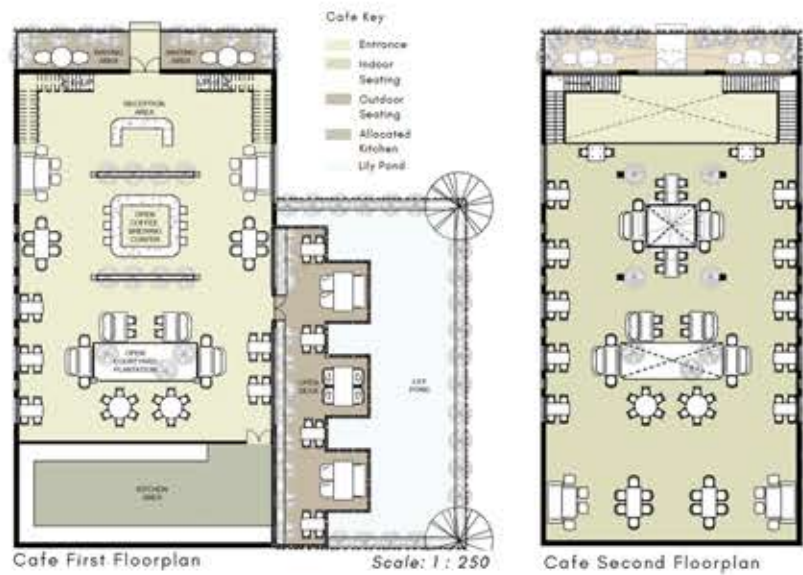
and recreation spaces, sanitation facilities, food and water storage, kitchens, and medical support areas.

The redesign of Hvardiysiv-Shyroninsiv Street strengthens transportation infrastructure by better linking housing, commercial areas, and public transit to support a lively, sustainable urban environment.



Hvardiysiv-Shyroninsiv Street Section

The cafeteria is conceived as a naturally lit and ventilated space, using an uplifted roof and wooden screens to allow filtered sunlight deep into the interior. The entrance is designed to be inviting yet subtly suspenseful, encouraging visitors to explore the space within. A double-height waiting area functions as a transitional zone, mediating between public and private realms while maintaining visual continuity with the outdoors. Interior levels are interconnected through a central courtyard, where a tree penetrates the roof and becomes a living focal point. This vertical openness enhances spatial flow and environmental comfort. An open deck positioned above a lily pond further anchors the cafeteria in nature, creating a calm and immersive dining experience.



Interior View



Cafeteria Section



The building integrates parking at the lower level, resident amenities above, and family housing units designed for natural light and ventilation. Varied internal levels and a central core create strong vertical connectivity, offering a house-like living experience within the apartments. The surrounding play areas, water features, and walkways enhance social interaction and human connection.

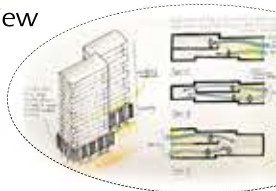
The façade maximizes daylight and ventilation through double-height windows, horizontal slits, and wooden screens that provide privacy while activating balconies and amenities. A sloped roof and roof gardens create usable social terraces.



Family-living Building Section



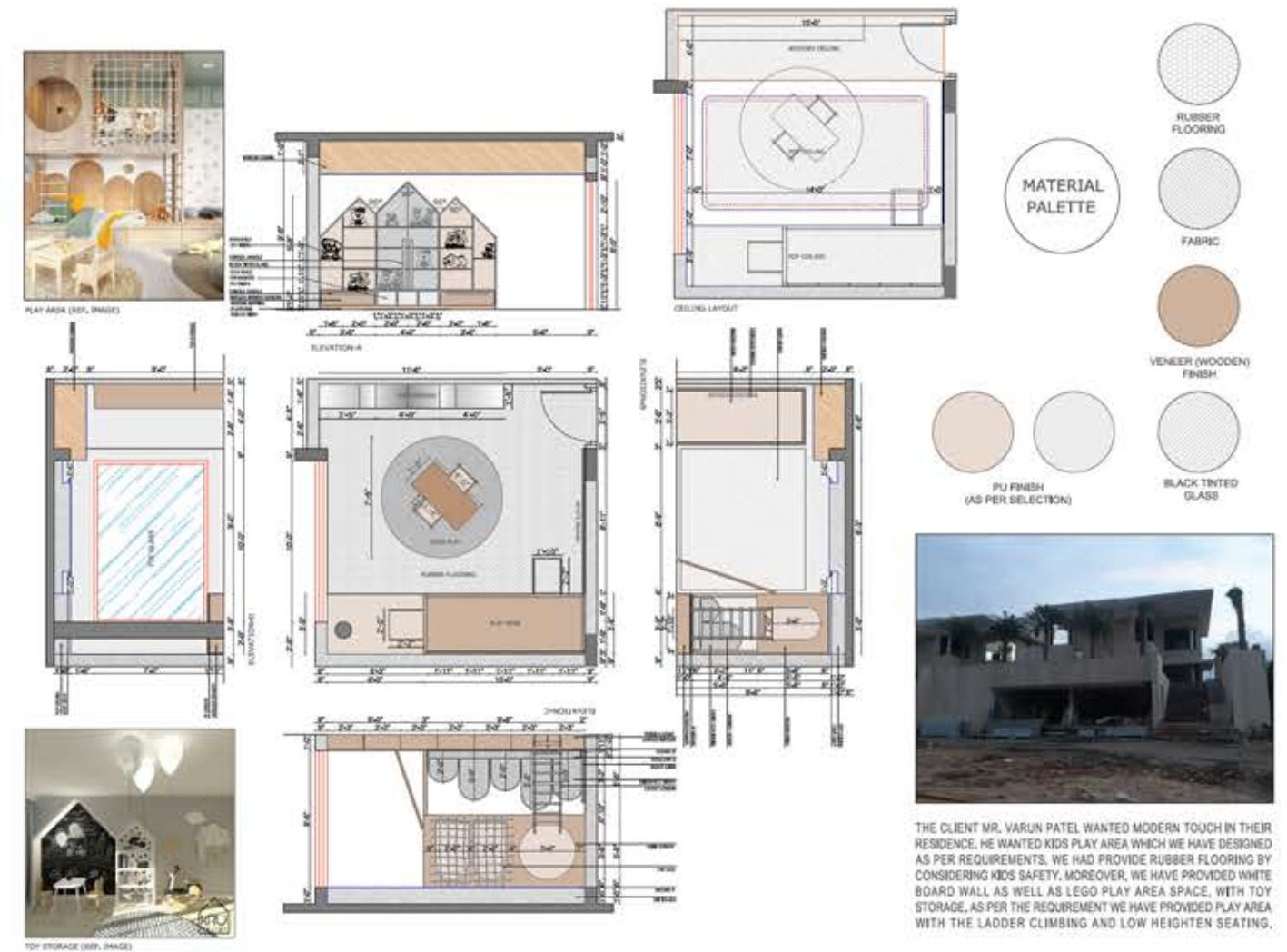
Interior View



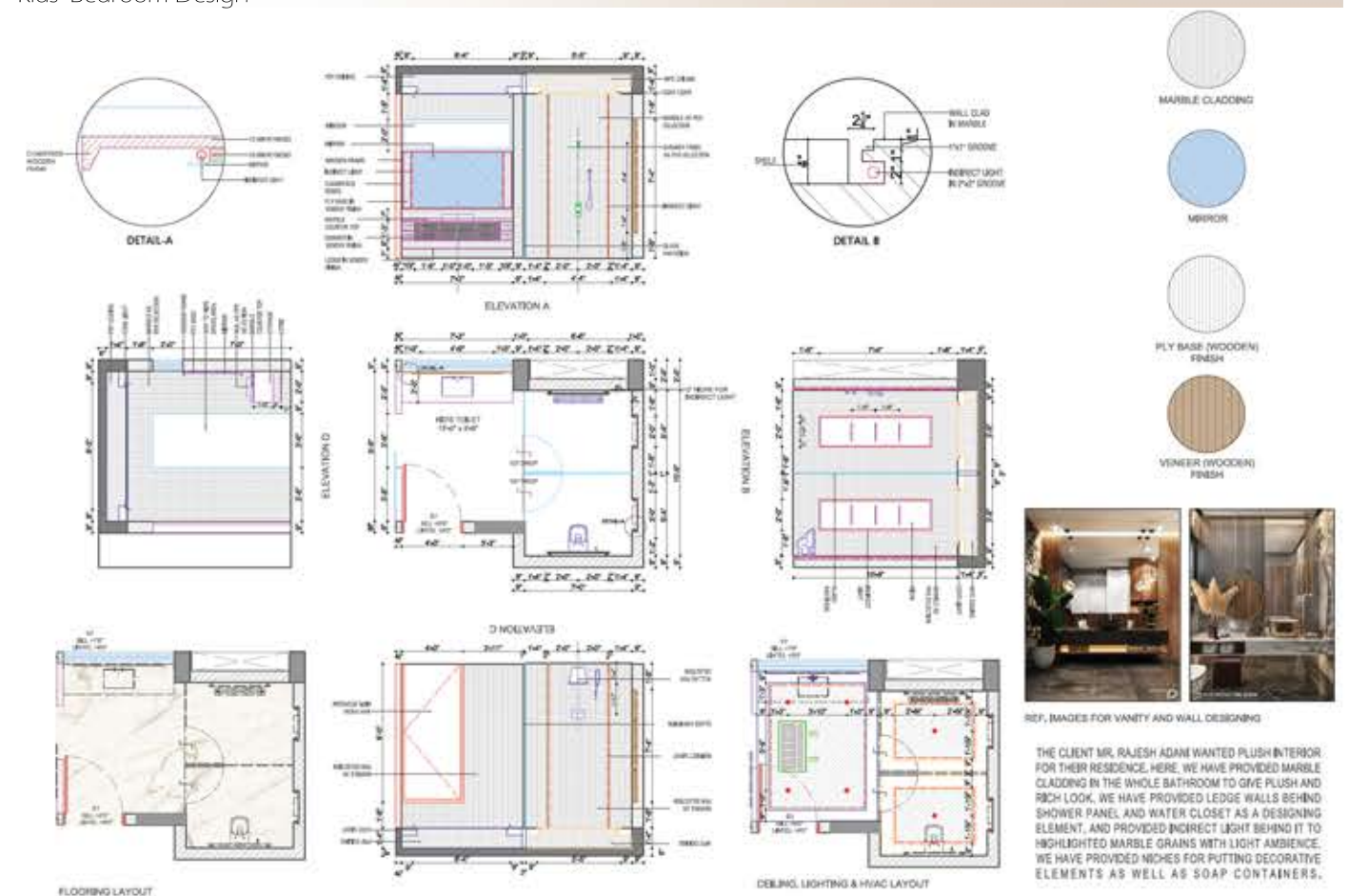
06 Professional Experience : Interior Design



This project presents professional interior design work focused on creating functional, comfortable, and visually refined residential spaces. Detailed layouts, technical drawings, and material palettes translate client requirements into well-resolved design solutions. Careful selection of finishes, custom furniture, and storage enhances both aesthetics and usability. Lighting and ceiling designs are integrated to enrich spatial quality and highlight architectural features. Overall, the project reflects a balanced approach combining technical detailing, material coordination, and user-centric design.



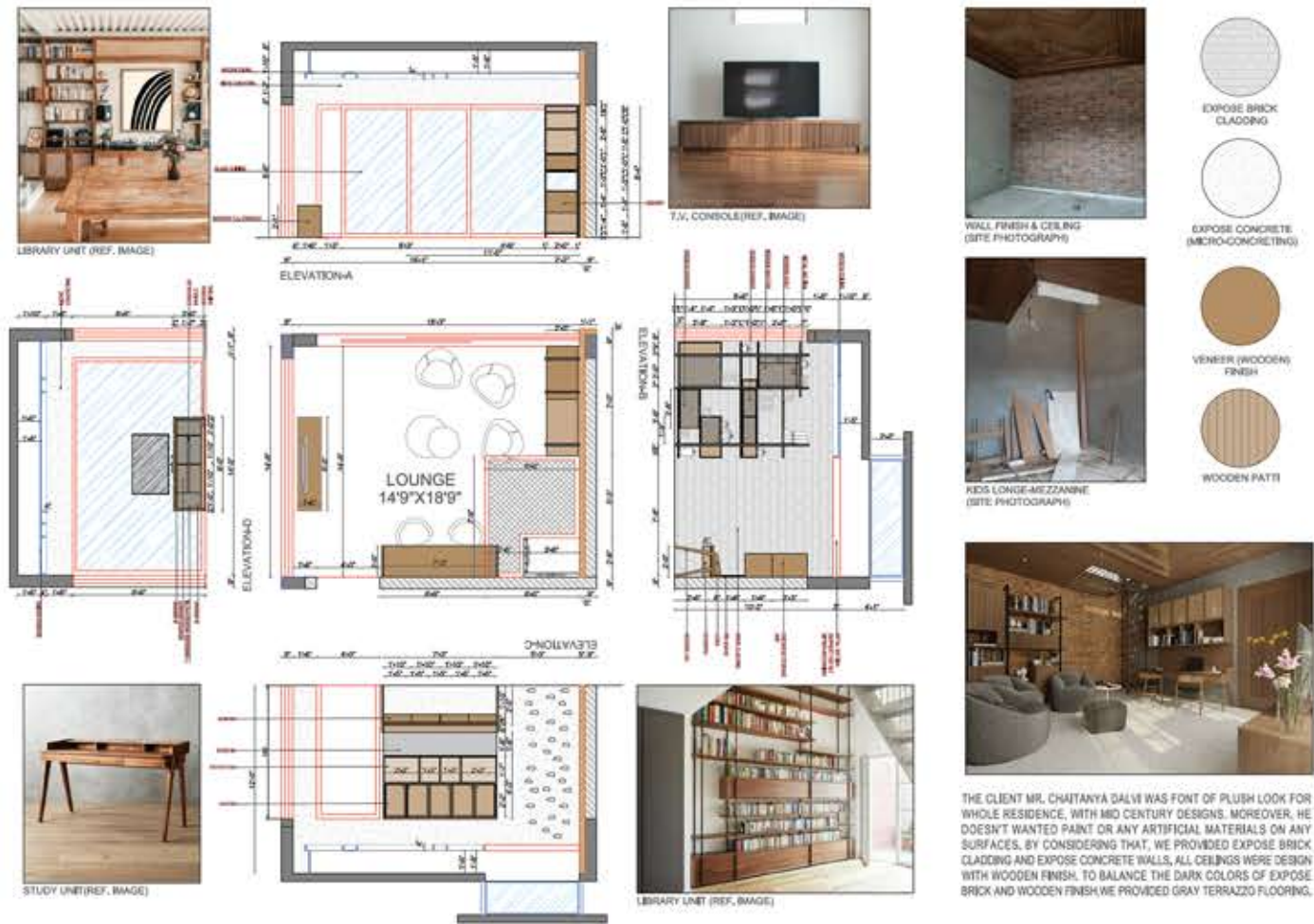
Kids' Bedroom Design



Bathroom Design

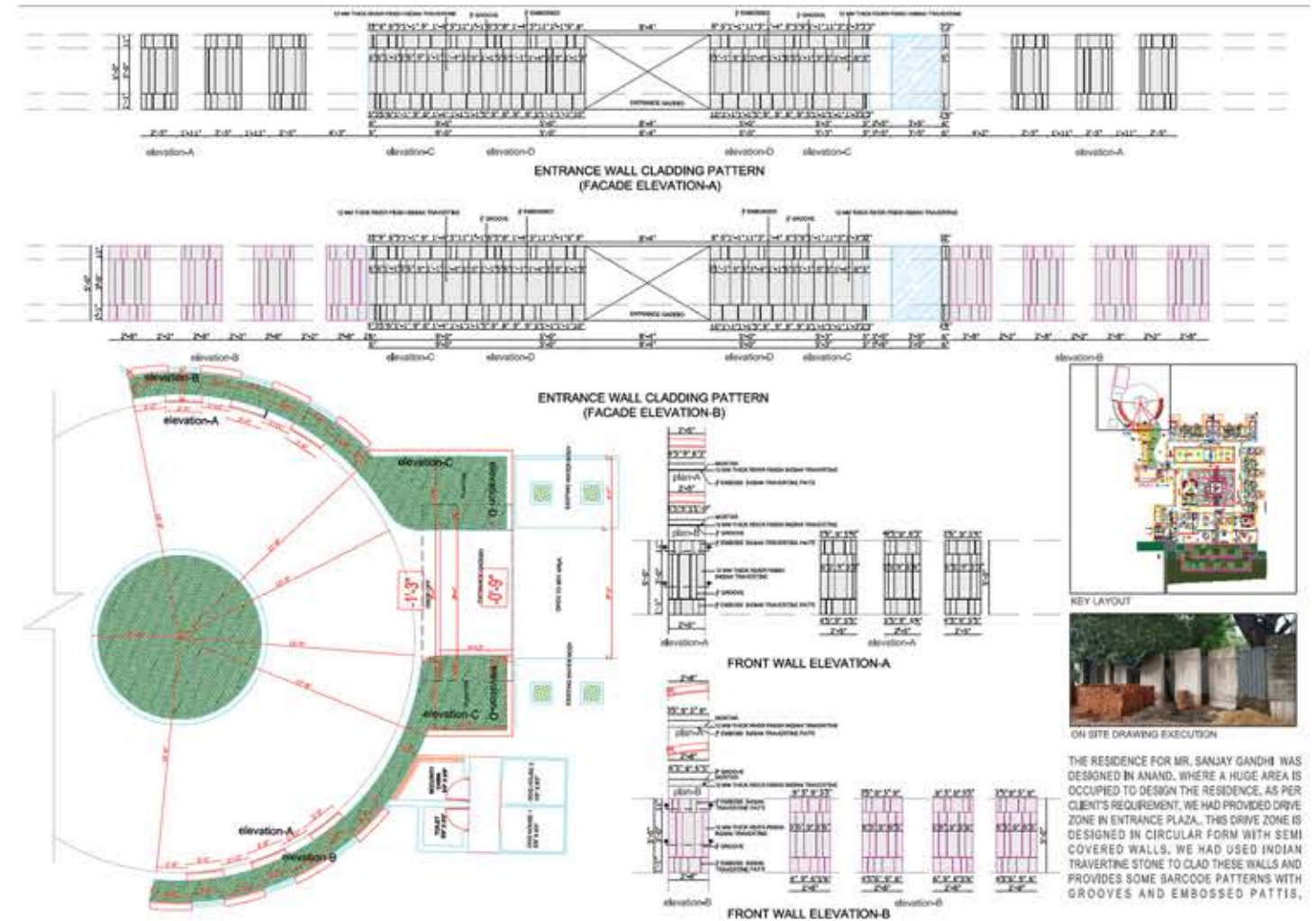


Spatial Experience – Final Design Outcome



Master Bedroom Design

As part of my design scope, the master bedroom and entrance plaza reflect a unified approach to materiality, spatial clarity, and experiential design. The guest bedroom is conceived as a calm private space, where exposed concrete and brick are balanced with wooden veneer finishes and warm brass accents to create depth and comfort, while thoughtful furniture placement ensures openness and functionality.

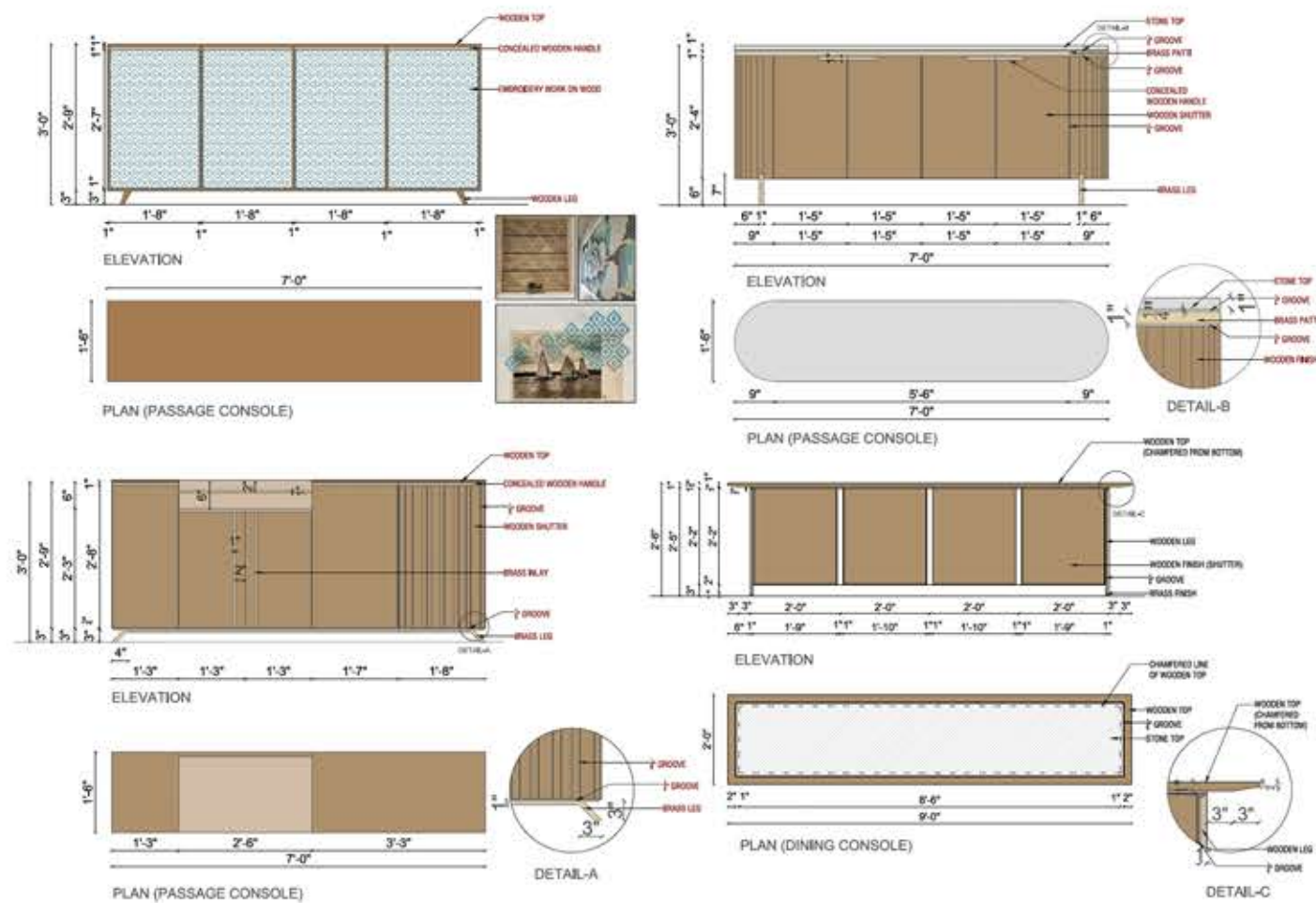


Entrance plaza Design

The entrance plaza wall cladding defines the arrival experience through its curved form aligned with the circular driveway. Grooved and embossed Indian travertine adds texture and depth, while the drawings and 3D views clearly translate the design intent into cohesive, buildable detailing.

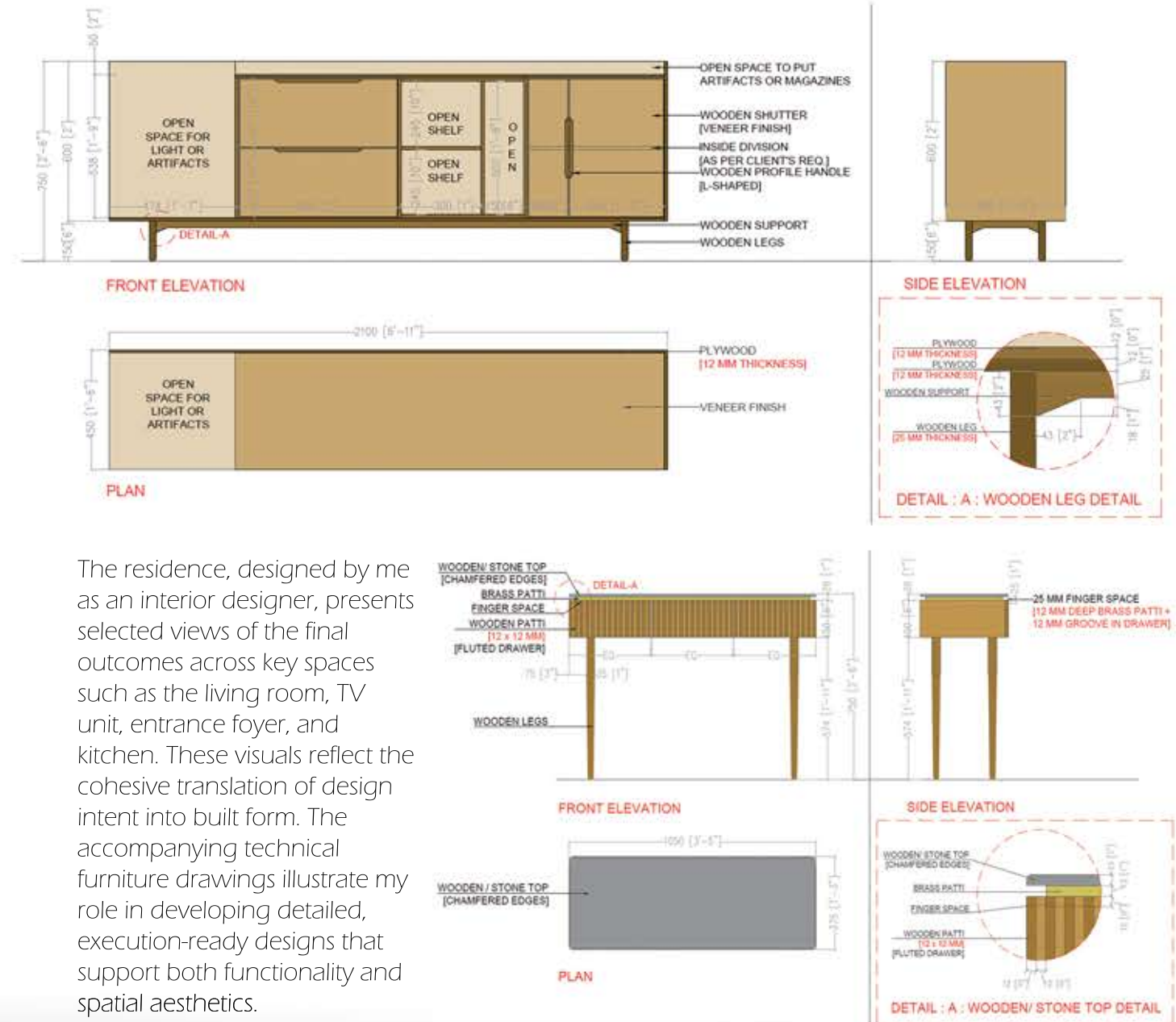


Built Vision - 3D renders



The furniture drawings detail the design of custom passage and dining consoles, focusing on proportion, materiality, and construction precision. Wooden finishes, subtle grooves, and brass accents are carefully integrated to enhance both functionality and visual appearance.

The final built outcome demonstrates my role for flooring pattern design and ceiling design along with furniture selection.



The residence, designed by me as an interior designer, presents selected views of the final outcomes across key spaces such as the living room, TV unit, entrance foyer, and kitchen. These visuals reflect the cohesive translation of design intent into built form. The accompanying technical furniture drawings illustrate my role in developing detailed, execution-ready designs that support both functionality and spatial aesthetics.



Spatial Experience – Final Design Outcome



Spatial Experience – Final Design Outcome

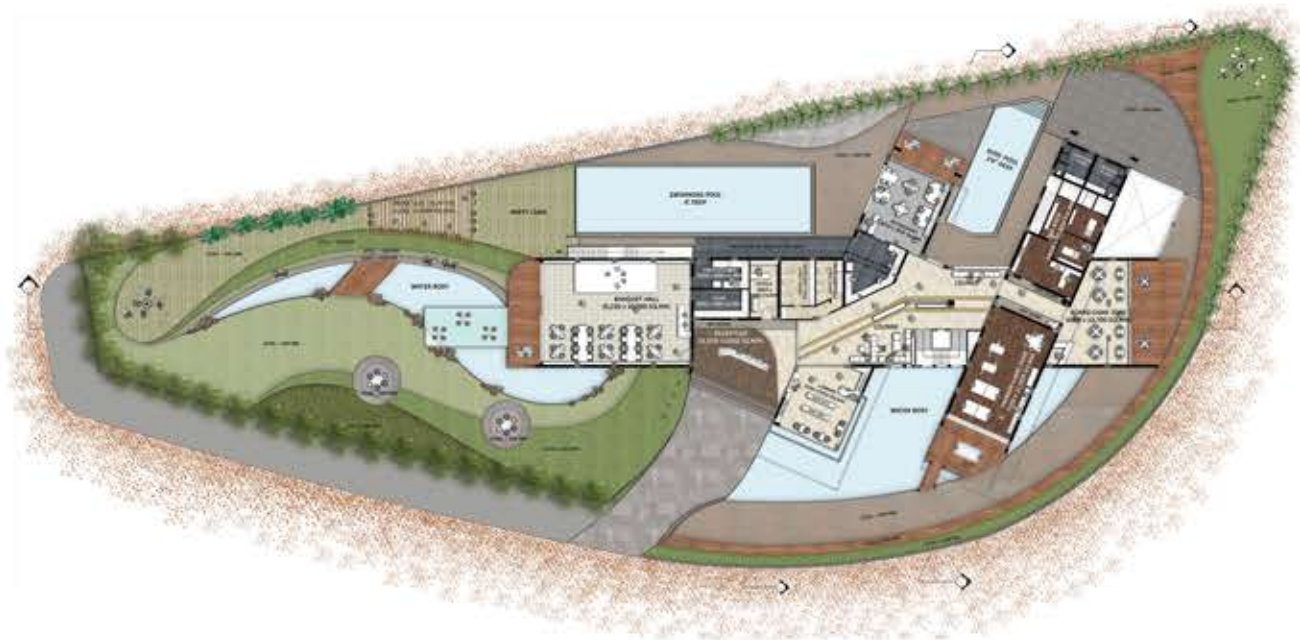


07 Master Project - Interior Design : Club House Design



This project explores the interior design of a clubhouse conceived as a holistic recreational, wellness, and social destination. It offers a diverse range of facilities, including sports, fitness, wellness, entertainment, and leisure amenities, catering to all age groups. Thoughtfully planned spaces encourage stress relief, physical activity, and quality time with family and community. The design approach is strongly rooted in the site context, allowing the built form to merge seamlessly with surrounding landscape elements and open spaces. Thoughtfully organized ground, first, and basement floor plans establish a clear hierarchy of public, semi-public, and service zones. Efficient circulation patterns ensure ease of movement while enhancing spatial legibility and user comfort.

Each interior space is crafted to promote social interaction, relaxation, and a sense of visual continuity. The design emphasizes openness, connectivity, and experiential flow across different activity zones. Conceptual sketches and physical models illustrate the evolution of ideas and spatial strategies. These explorations guided informed decisions on layout, materiality, and ambience, resulting in a cohesive and well-balanced clubhouse environment.



Ground Floor Layout



First Floor Layout

Basement Layout

Floor layout shows that material palettes and textures are thoughtfully selected to create a warm, inviting, and contemporary ambience. Rendered views emphasize the seamless connection between interior spaces, water features, and outdoor recreational areas. Natural light and openness play a key role in shaping the interior atmosphere. The clubhouse accommodates diverse age groups and activities within a cohesive design framework. Overall, the project demonstrates a strong balance between functional planning, experiential quality, and architectural expression.



Conceptual sketches and Models



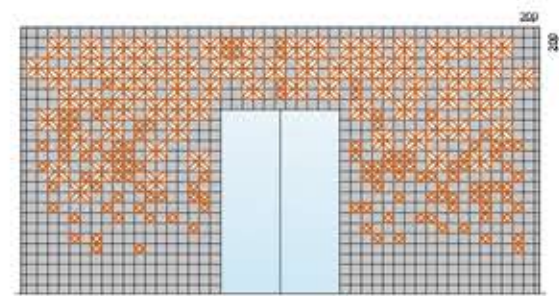
First Floor - RCP



Basement - RCP

The lighting design varies according to the function and character of each area. Certain spaces feature luxurious lighting fixtures to create a sense of elegance, while others are enhanced with ambient lighting to establish a relaxed atmosphere. Chandeliers and concealed lighting elements accentuate the visual appeal of the interiors, whereas suspended fixtures and indirect lighting contribute to a warm and inviting ambience.

A ductable air-conditioning system is seamlessly integrated within the wooden ceiling to ensure thermal comfort without compromising the interior aesthetics. The indoor units of the ductable AC are strategically located within designated service areas, allowing for efficient maintenance access. Trap doors are carefully incorporated into the ceiling design and concealed within the grooved wooden panels, ensuring a clean and uninterrupted ceiling appearance. Bottom-throw AC grilles are provided along the duct network to distribute air evenly and maintain a comfortable temperature throughout the space. The coordination between the mechanical system and ceiling design enhances both functionality and visual harmony.



Faccade Design



Faccade Design 3D view



Vertical Sectional Elevation

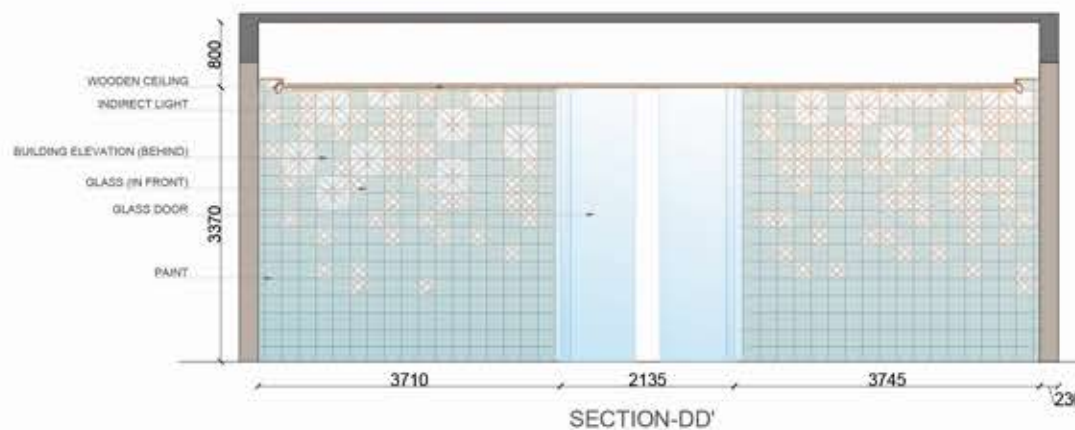
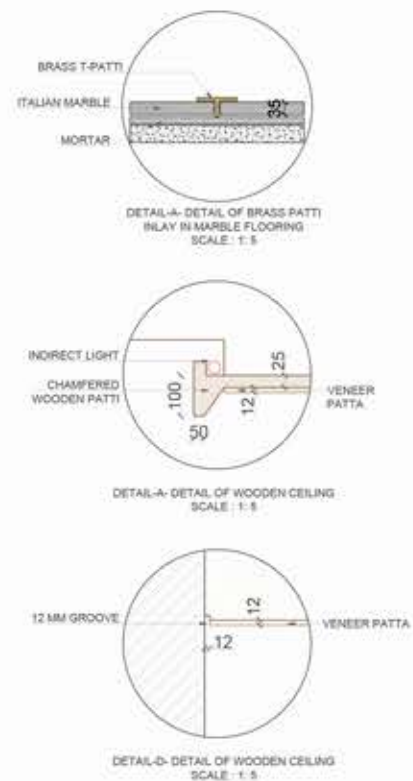
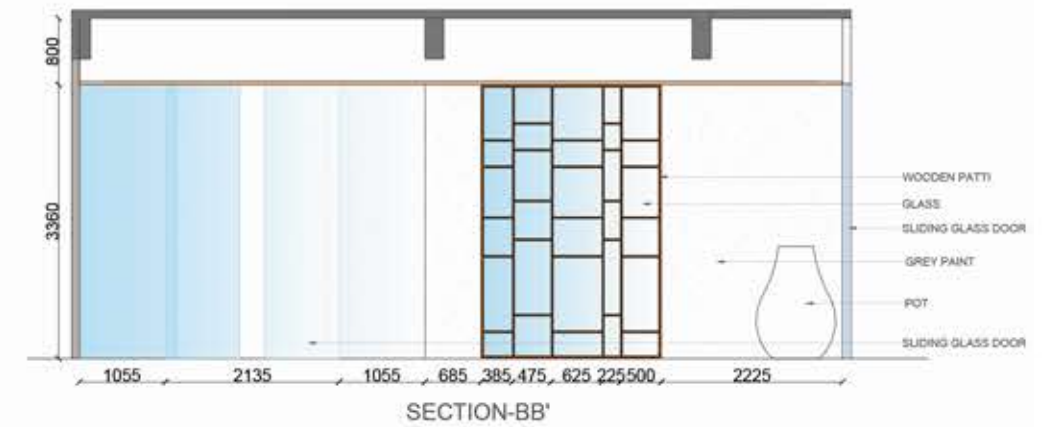
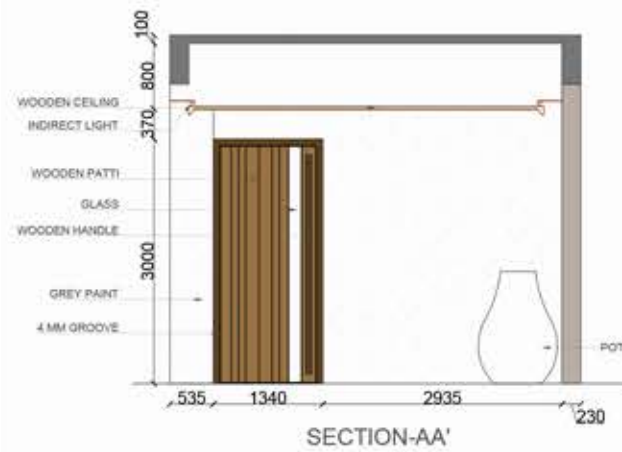
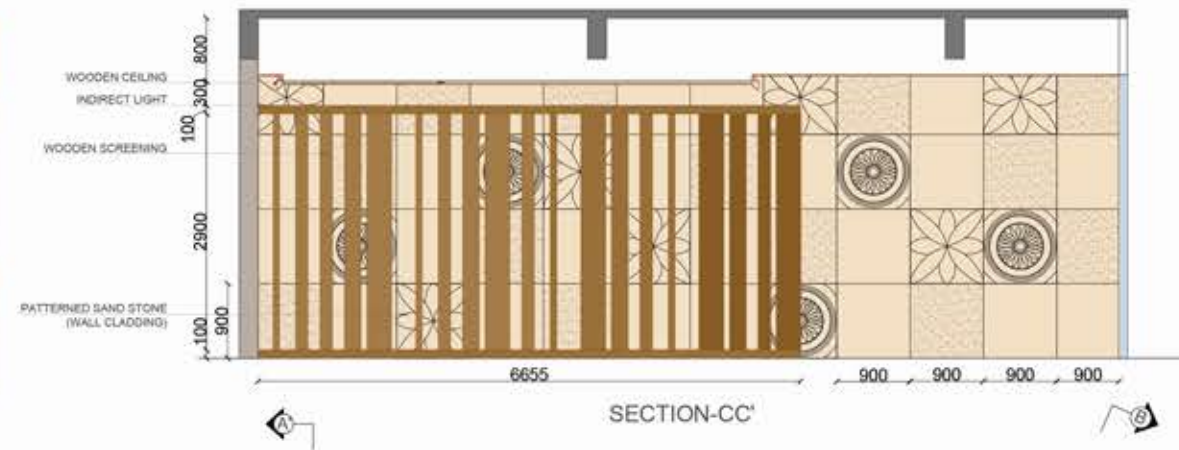


Vertical Sectional Elevation



Horizontal Sectional Elevation





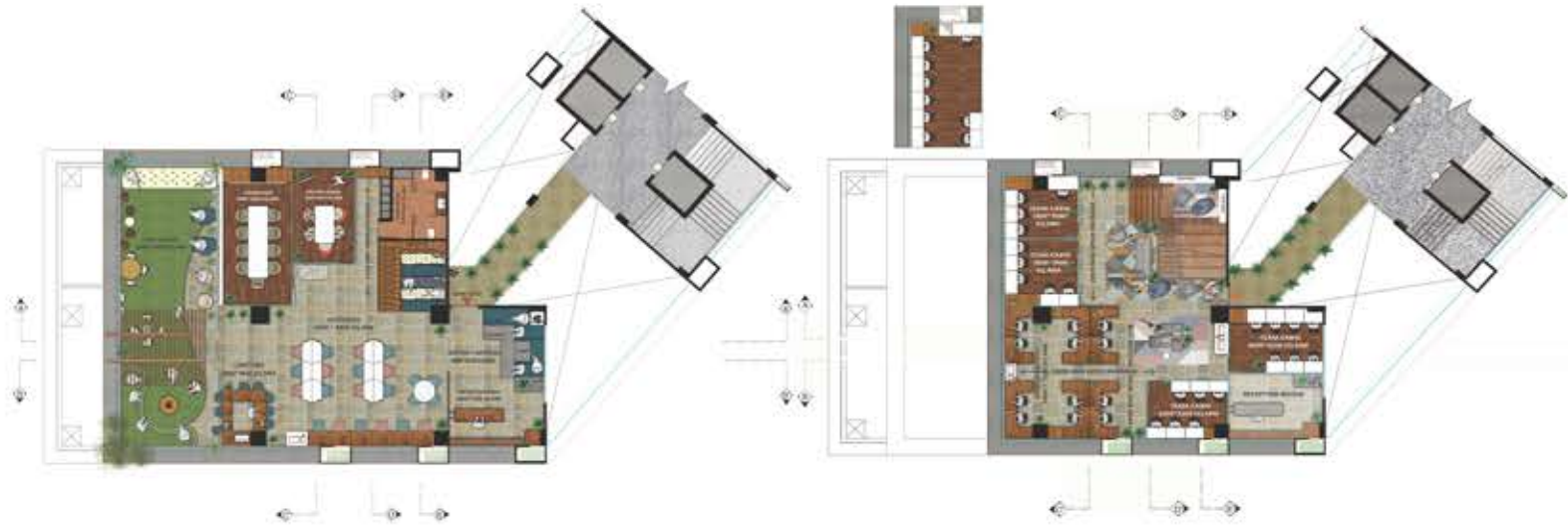
Area Detail

The reception area is conceived as a warm and inviting space that creates a strong first impression for visitors entering the clubhouse. The design integrates wooden ceilings, patterned wall cladding, and carefully selected material finishes to establish a refined and contemporary character. Detailed plans and sectional drawings illustrate the spatial proportions, material layering, and ceiling treatments. Thoughtful integration of lighting and air-conditioning systems ensures both visual comfort and functional efficiency. Service layouts are meticulously coordinated to maintain clean aesthetics without disrupting the design intent. Overall, the reception area reflects a balanced approach between architectural expression, material detailing, and technical planning.

08 Institutional Project - Interior Design : Co-workiiing Space

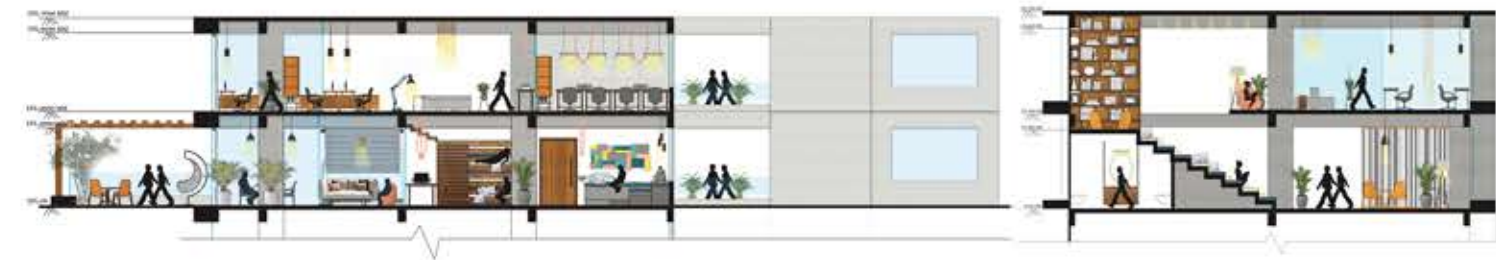


Walk through of Co-working Space
https://youtu.be/e9VCy2-_LRg

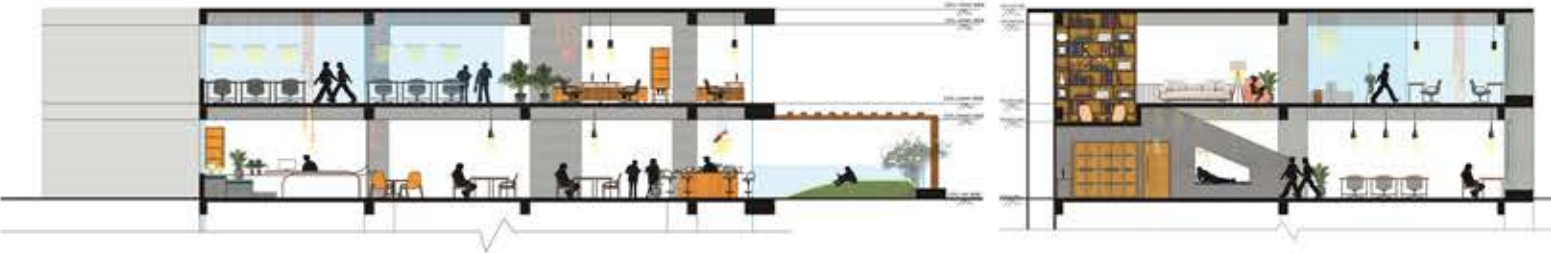


Ground floor Layout

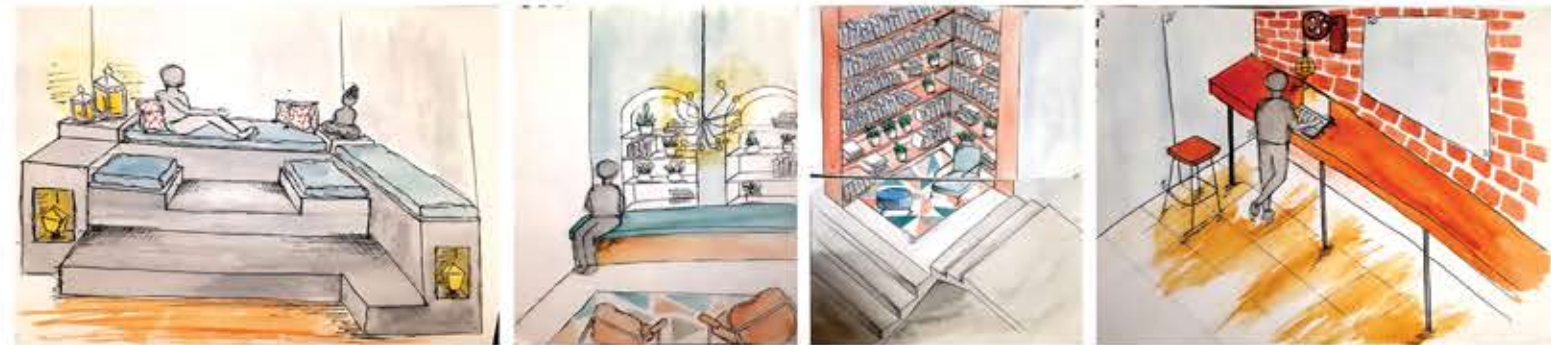
First floor Layout



Sectional Elevations



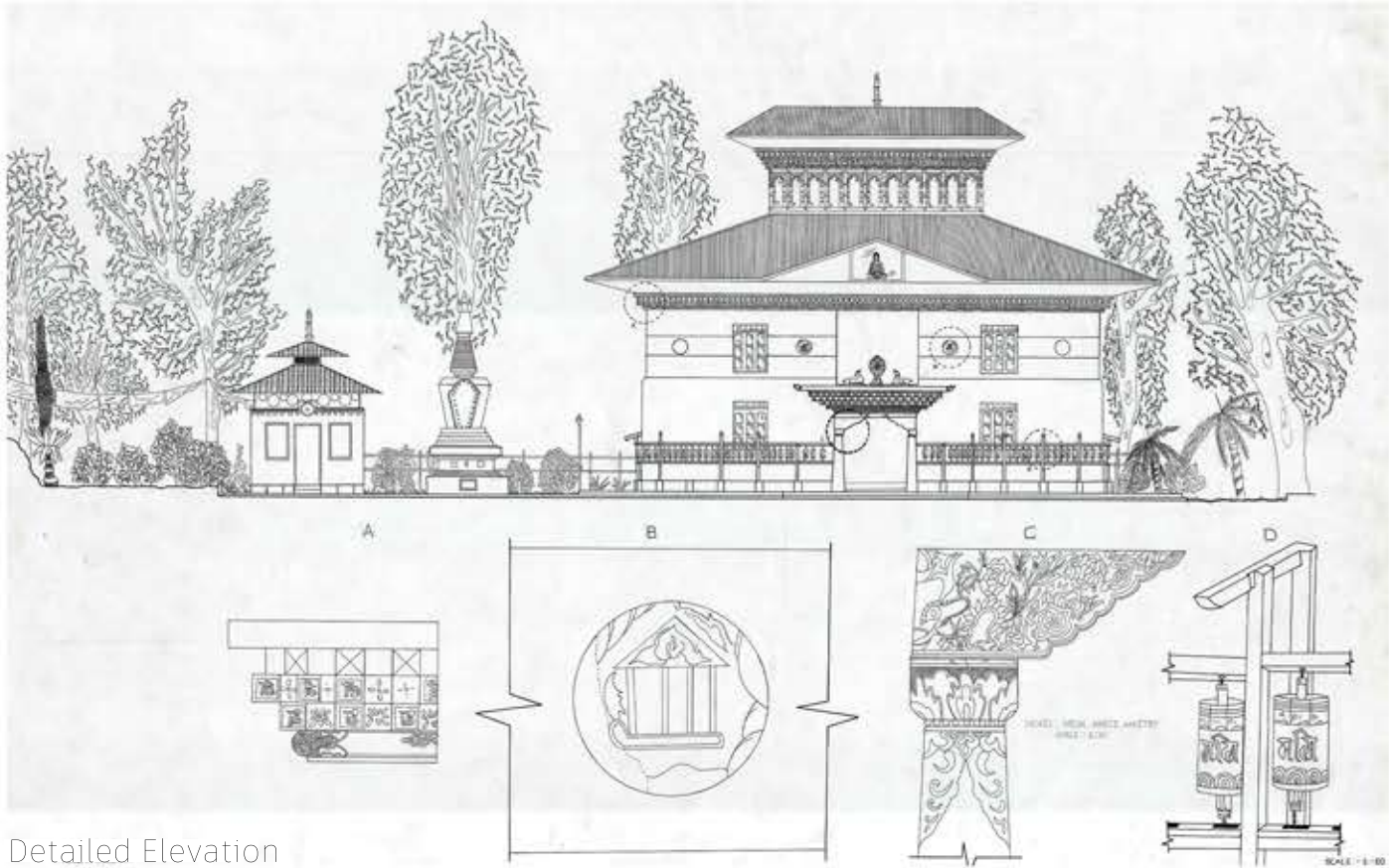
Sectional Elevations



Conceptual sketches

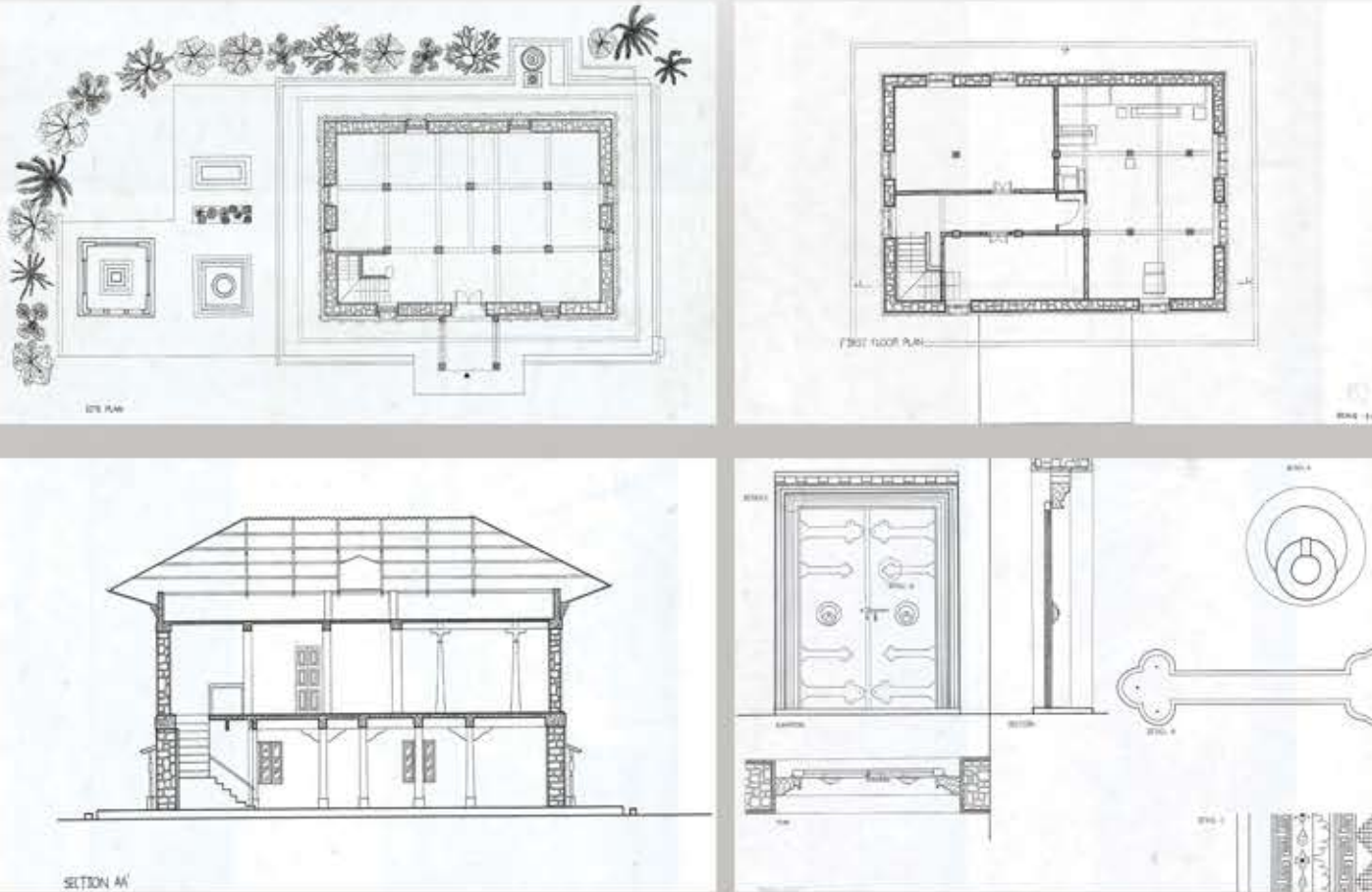


3D Renderings



Detailed Elevation

This related study programme presents an in-depth architectural and artistic analysis of a monastery, highlighting its cultural, spiritual, and historical significance. The study closely examines traditional building forms, proportions, symmetry, and spatial hierarchy through detailed plans, elevations, sections, and construction drawings. Special attention is given to façade composition, roof forms, column details, and ornamental elements that reflect regional craftsmanship and construction techniques. The integration of open courtyards and landscape elements is analyzed to understand their role in enhancing spatial experience and ritual movement. Religious murals and artworks are studied for their symbolic narratives and relationship with architectural surfaces. The drawings collectively reveal how structure, art, and space are harmoniously combined. Overall, the study illustrates the seamless integration of architecture, culture, and spirituality within monastic design.



Drawings



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