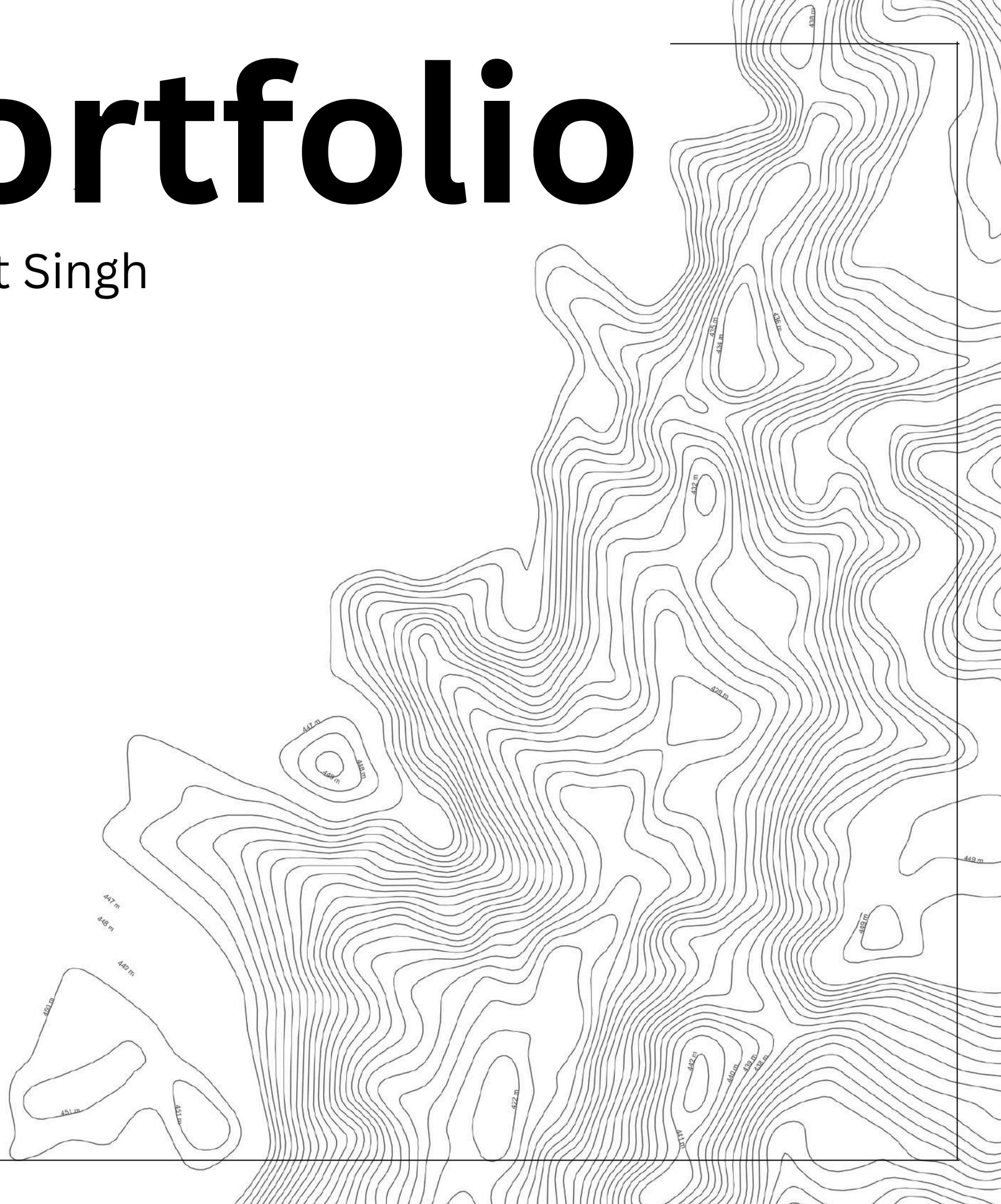


Portfolio

Amoljot Singh

2025



Amoljot Singh

ARCHITECT | INTERIOR DESIGN | 2025

Chandigarh, IN | amolsingh.architecture@gmail.com | https://amoljotsingh.github.io | Phone (IN): +91 7508098761 linkedin.com/in/amoljot-singh-3b572b241

Professional Summary

Motivated and creative young architect adept at designing residential, Offices & commercial projects. Extensive knowledge of multiple architectural cum interior design software & Artificial Intelligence leveraging design toolsets. Problem solving approach and mindset.

Experience

PROJECT ARCHITECT PMA - PARAMORPH ARCHITECTS INC CHANDIGARH Apartments Townhouses & Mixed Use Commercial & Offices CA - INDIA Paramorph.com	April 2025 – Present
· Role – Architectural Designer · Designed and developed documentation for properties Surrey and Maple Ridge, British Columbia · Devised and deployed BIM workflows on live projects	
JUNIOR BIM ARCHITECT SANRACHNA BIM NEW DELHI Leaders in BIM & Technology - AEC USA - INDIA sanrachnabim.com · Role - BIM Architect (Autodesk Revit) for various multi-national projects in realms of Architectural Design, Structural Design, MEP and Interior Design BIM Integration etc · Interior Design - BIM integration for City Walk Dubai and Church of Christ, Salt Lake City Utah USA	June 2024 – March 2025
INTERN ARCHITECT NOOR ARCHITECTS CONSULTANTS I CHANDIGARH India's First Architecture Studio in Metaverse noorarchitects.com · Role - Computational Designer (Rhino7 & Grasshopper) for India's first 3D Printed Concrete Pavilion (3DCP) for EVage Motors. 3DCP buildings are sustainable have low carbon footprint and are cost efficient · Interior Design for Radisson Phagwara (Hospitality Interiors), Homeland Regalia Show Apartment interior (Residential Sales Interiors) etc	June 2023 - December 2023

Education

Bachelor of Architecture Chitkara School of Planning & Architecture	August 2019 - June 2024
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Licenses

Council of Architecture (The Architects Act, INDIA– 1972) License No. CA/2024/177130

Software

- Autodesk AutoCAD LT 2025 · Rhino7 & Grasshopper · Autodesk Revit 2025
- Lumion and Twinmotion Render Engines · Adobe Creative Suite (Photoshop & Adobe Firefly Ai) · Stable Diffusion (SD 1.5 w/ LoRA & Embeddings) · Sketchup 2025

Skills

- Client Relationships · Construction Drawings · Team Collaboration · Presentation Skills
- Design alterations and renovations · Building codes Compliance & safety standards · Construction Administration · Digital Fabrication

Languages

- Punjabi: Native
- English: Fluent
- Hindi: Bilingual

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Mixed Use Sector 62 Mohali – Thesis | Academic

Role: Computational Designer – Rhino 7 & Grasshopper

This architectural thesis introduces a paradigm of **Fluid Design**, explicitly aiming to transcend rigid architectural conventions by exploring form through the "**lens of fluid dynamics**," thereby emphasizing adaptability, dynamism, and continuous flow. The core concept is the **Transmutation of Boundaries**, where the resulting structure is not a static object but a complex volume that responds to and shapes internal functions. This philosophical approach is particularly relevant for large-scale urban projects, as the high density dictated necessitates a non-monolithic, expressive form capable of managing extensive program and human movement in an organic manner.

The complex, sinuous geometry of the design is achieved through a meticulous seven-stage Form Development process, clearly demonstrating the transition from a simple base volume to the final fluid expression. Key to this evolution is the introduction of a central, twisting "**tween**" geometry, which generates the building's dynamic curvature. This transformative action is analyzed through varying cross-sections, ultimately materializing as a series of uniquely curved floor plates—the functional layers of the building—before culminating in the final continuous volume. This systematic approach ensures that the project's high artistic intent is grounded in a rational, buildable geometric logic suitable for a major contemporary development.



Site Area:

14.47 Acres

Maximum Ground

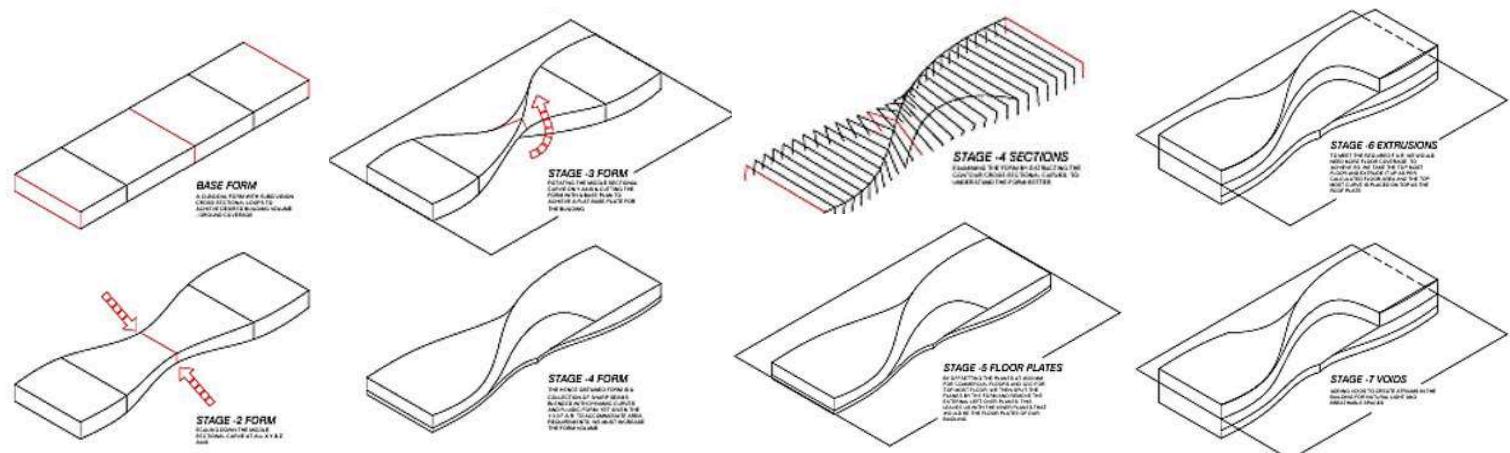
Coverage: 45%

F.A.R allowed:

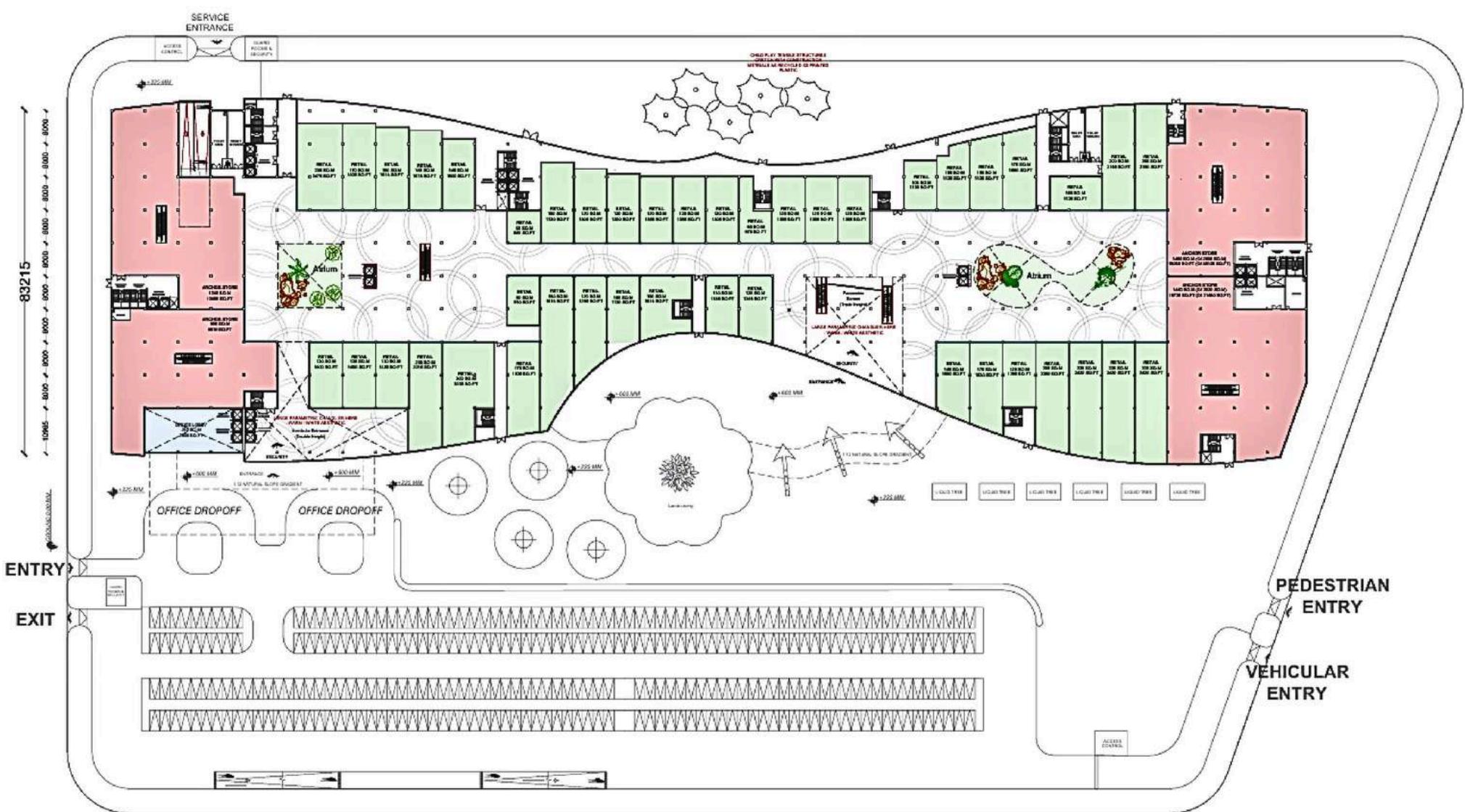
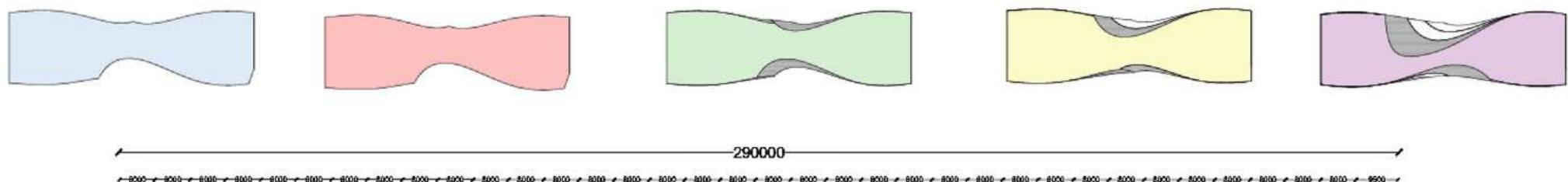
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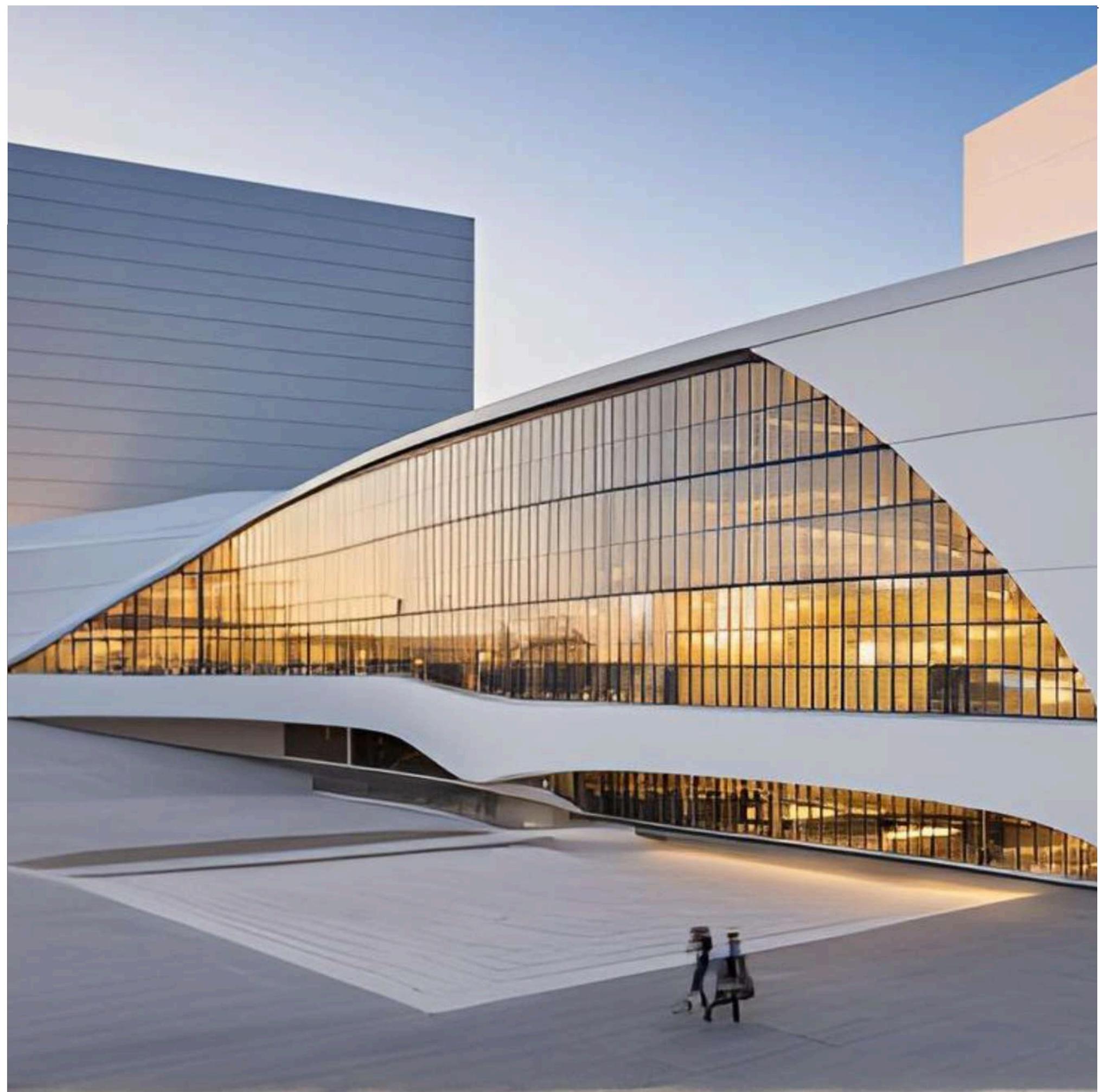
ARCHITECTURAL FORM DEVELOPMENT

The architectural form is generated through a seven-stage process, applying a twisting action to a simple base volume to create a complex, continuous, and sinuous shape. This form, defined by its undulating surfaces and uniquely curved floor plates, embodies the design's core principle of fluidity and dynamism.



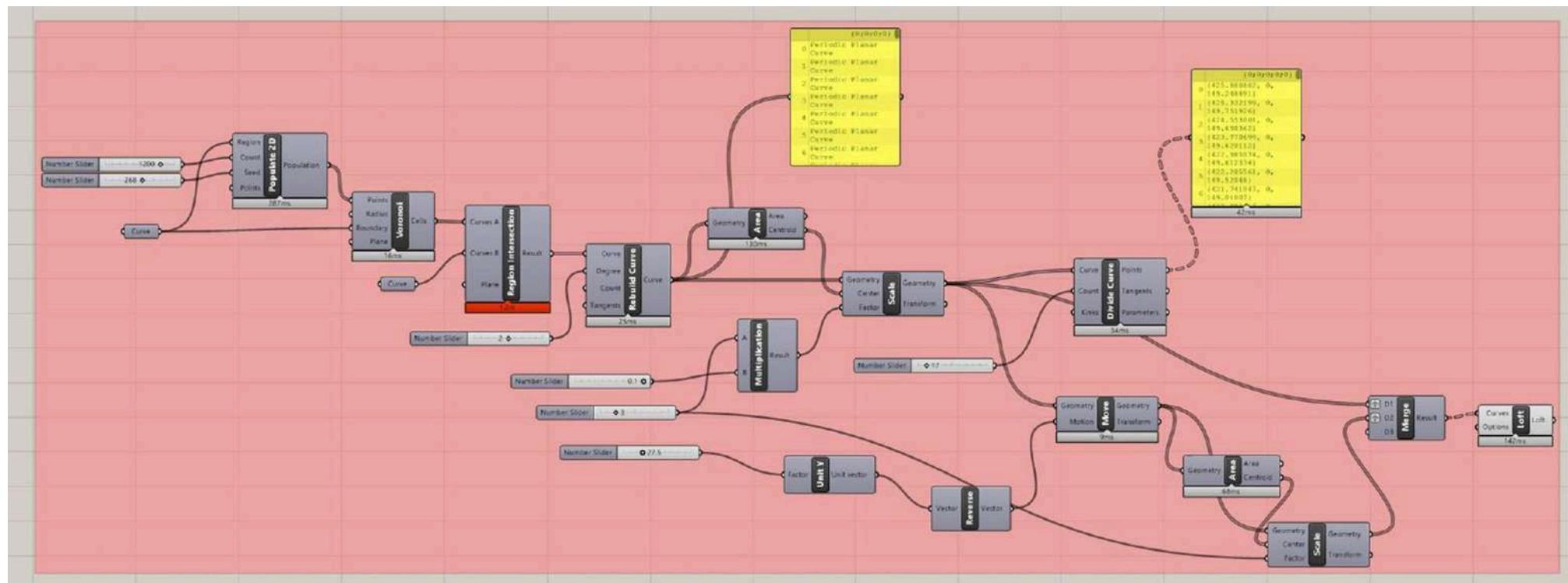
ARCHITECTURAL FLOOR PLATES AS PER FORM





Parametric Façade Panels | Personal

Façade panels with integrated plantings offer a harmonious blend of nature and built environment. These innovative panels serve both aesthetic and functional purposes, transforming conventional building exteriors into living, breathing structures. Computational panels created in Rhino 3D Grasshopper & prototype renders created with Prome A.i. The panel system is intended to be used in the thesis as well.

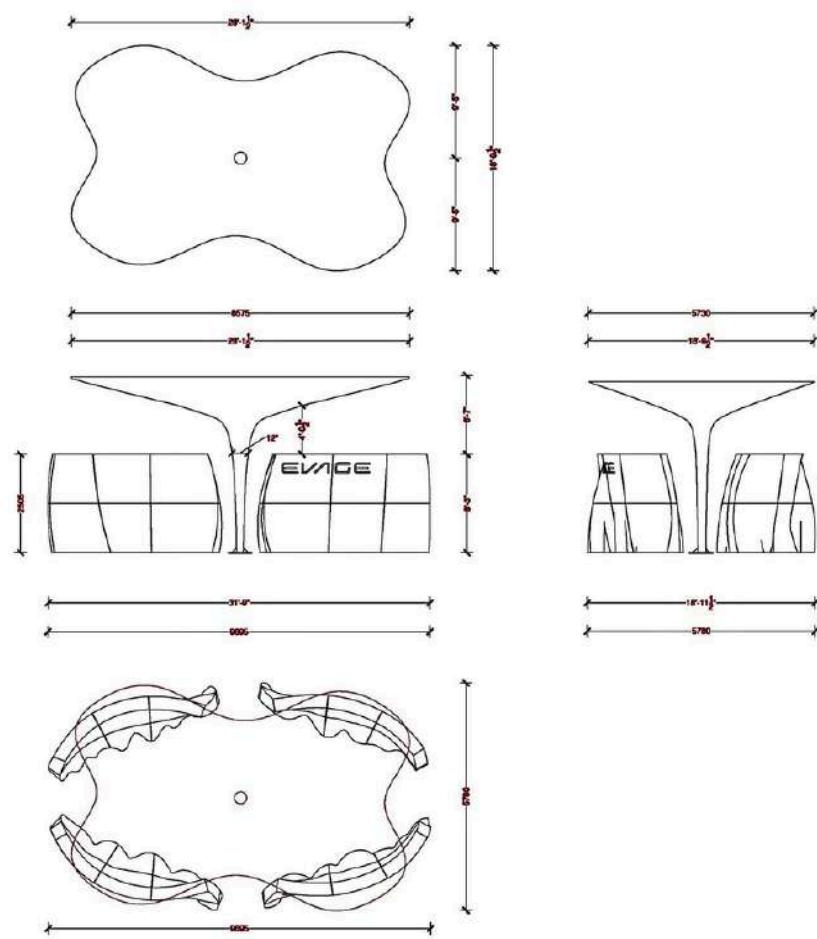
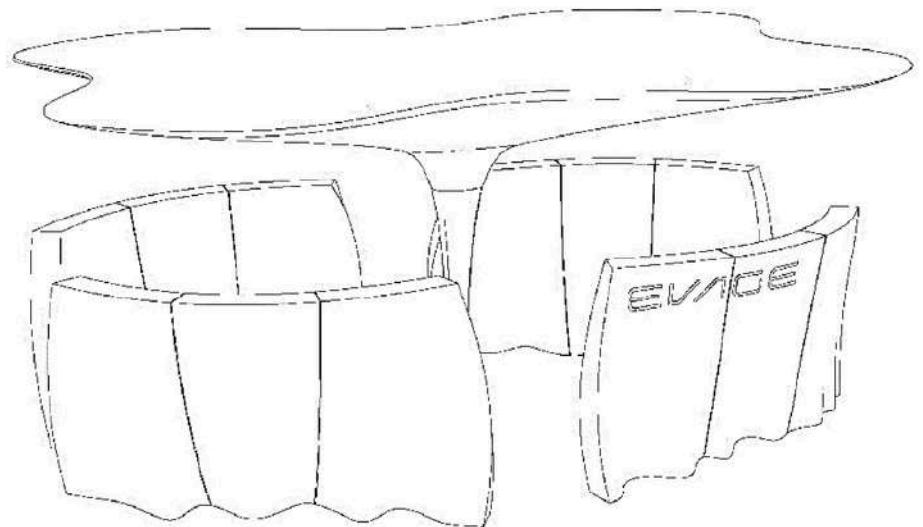


3D Printed Concrete Pavilion | Internship

Role: Computational Designer – Rhino 7 & Grasshopper

It is a project I was highly involve in while working as an architectural intern at N.A.C. I was involved as a Computational designer working on Rhino 3D & Grasshopper, Blender 3D & Lumion. The project has reached its late stages of completion. 3DCP building technology might just be the future of building construction. 3DCP concept is new yet it looks promising. 3DCP projects have low carbon footprint and allow mass production in shorter time span while still making sure every project is unique.

The project can be located digitally on NOOR website at noorarchitects.com Working on this project offered its unique challenges. Being a part of the NOOR team I had worked in close collaboration with the Principal Architect Noor Dasmesh Singh and the project had been a very fruitful and professionally satisfying experience.

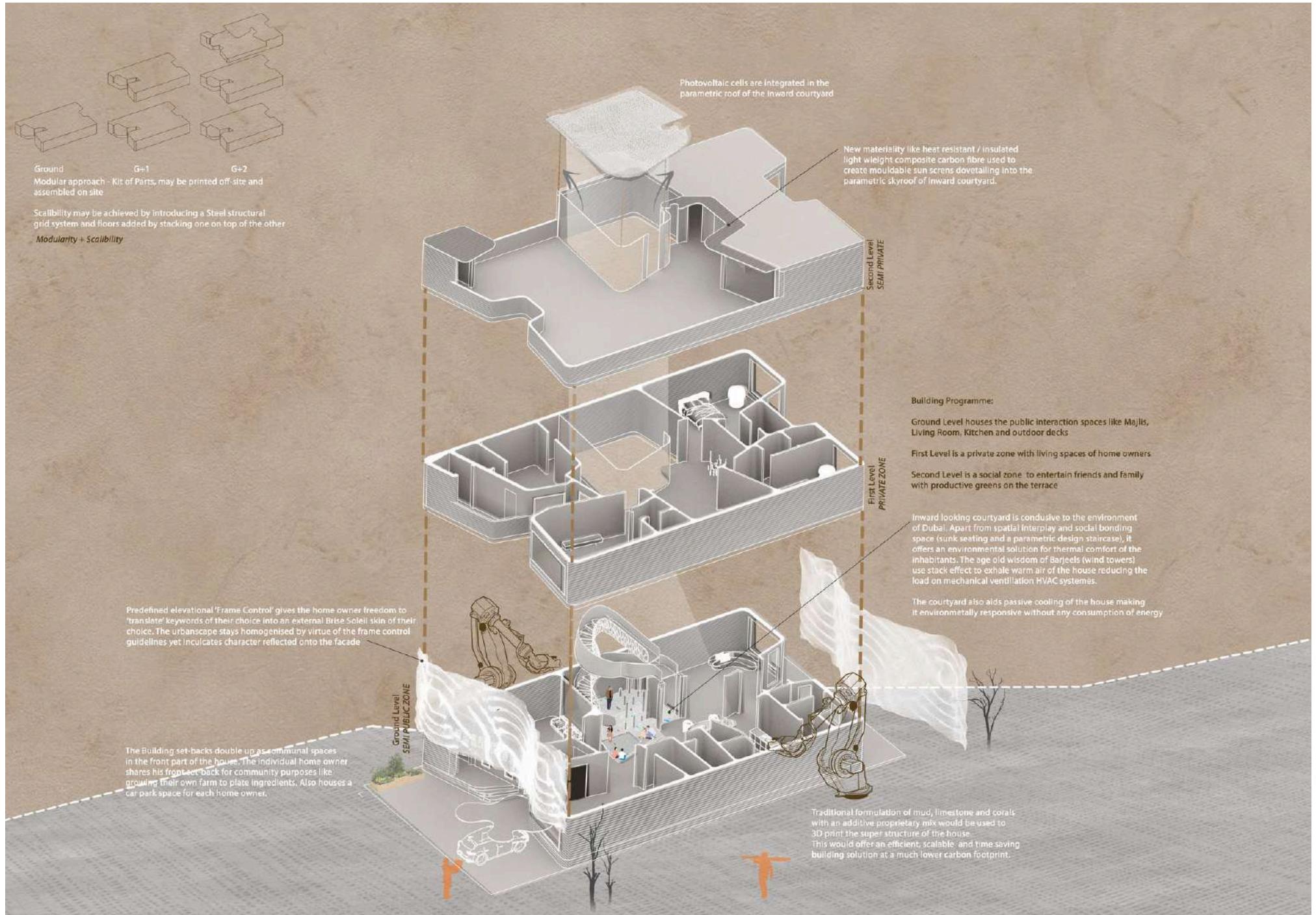




House of the Future 3DCP | Internship

Role: Active Design Discussions, 3D modeling in Rhino, Rendering

Design Brief: Rooted in a modernist ethos, this housing concept leverages advanced 3D printing to construct clean, flowing superstructures from a sustainable clay composite of mud, limestone, and corals. By replacing rigid builder layouts with flexible additive manufacturing, the design empowers users to customize both interior floor plans and exterior 'Frame Control' facades, translating personal emotion into tangible architecture without a premium price tag. The result is a low-carbon, zero-waste habitat that is not only deeply personal but also highly scalable, employing a modular steel framework to allow for vertical expansion and infill, effectively blending emerging technology with environmental responsibility.

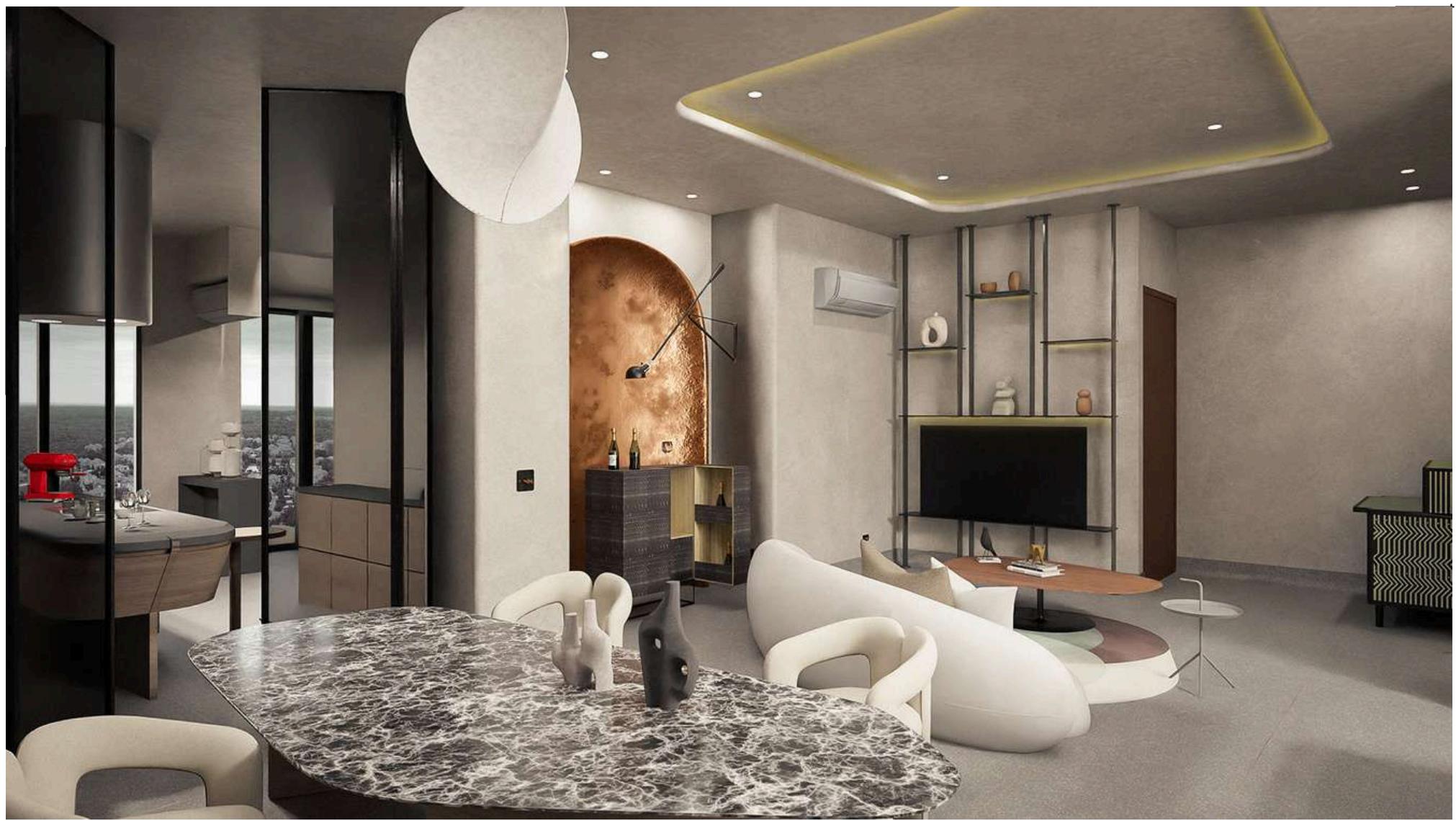


Homeland Regalia (Interiors) | Internship

Role: Active Design Discussions, 3D Modelling & Rendering in Blender 3D,
preparing furniture schedule, Skirting and false ceiling Details

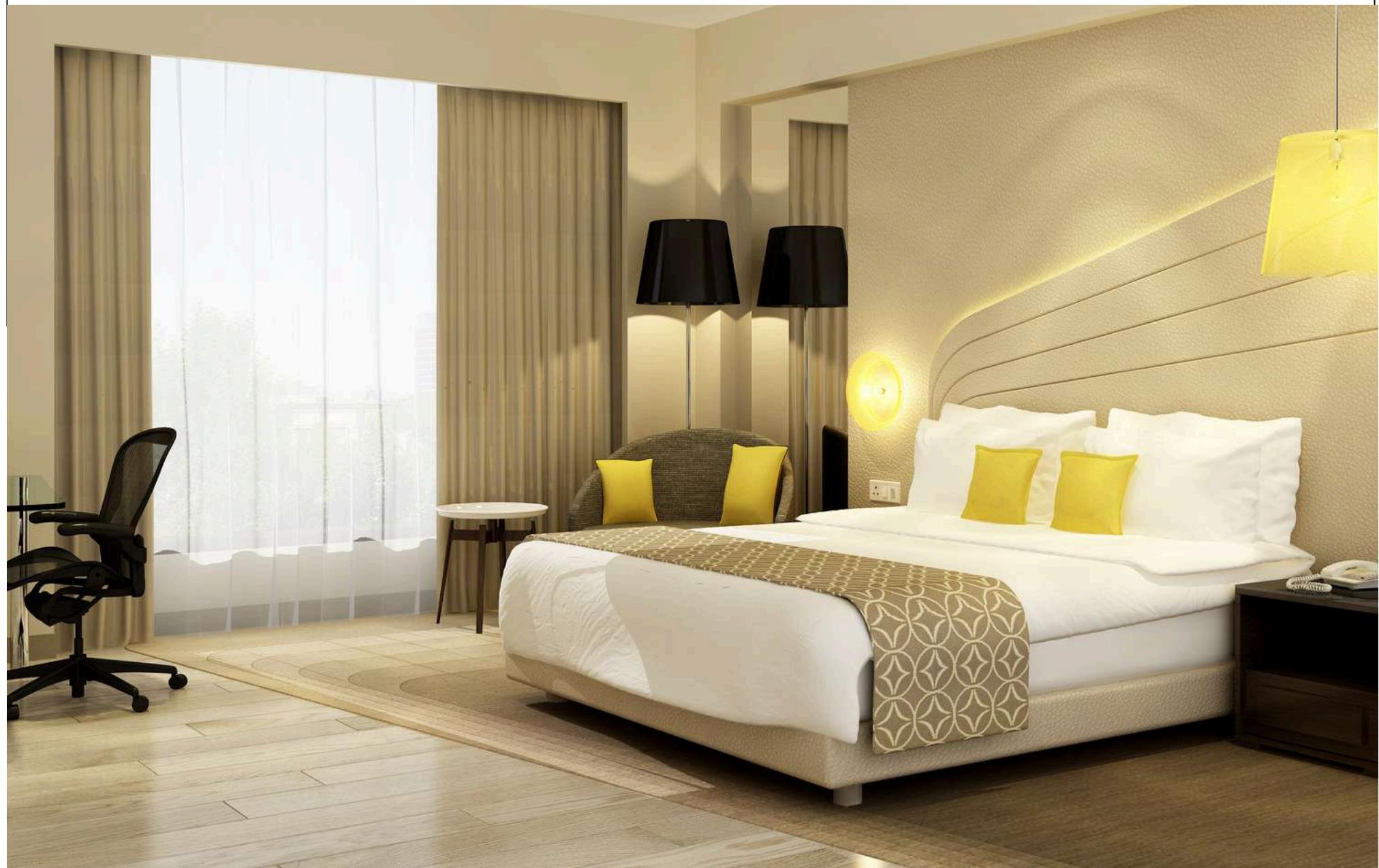
During my internship, I had the opportunity to contribute to the interior design of the show flat for Homeland Regalia, a prestigious residential development. This project involved translating the vision of the client into a captivating and functional living space that would appeal to potential buyers. Working closely with senior designers and project managers, I played a key role in conceptualizing design concepts, selecting furniture and finishes, and creating detailed floor plans and 3D renderings. From space planning to material selection, every aspect of the interior design was carefully considered to create an inviting and luxurious ambiance that showcased the lifestyle potential of the property. My involvement in this project allowed me to gain valuable experience in realworld design challenges and further develop my skills in interior design and project management.

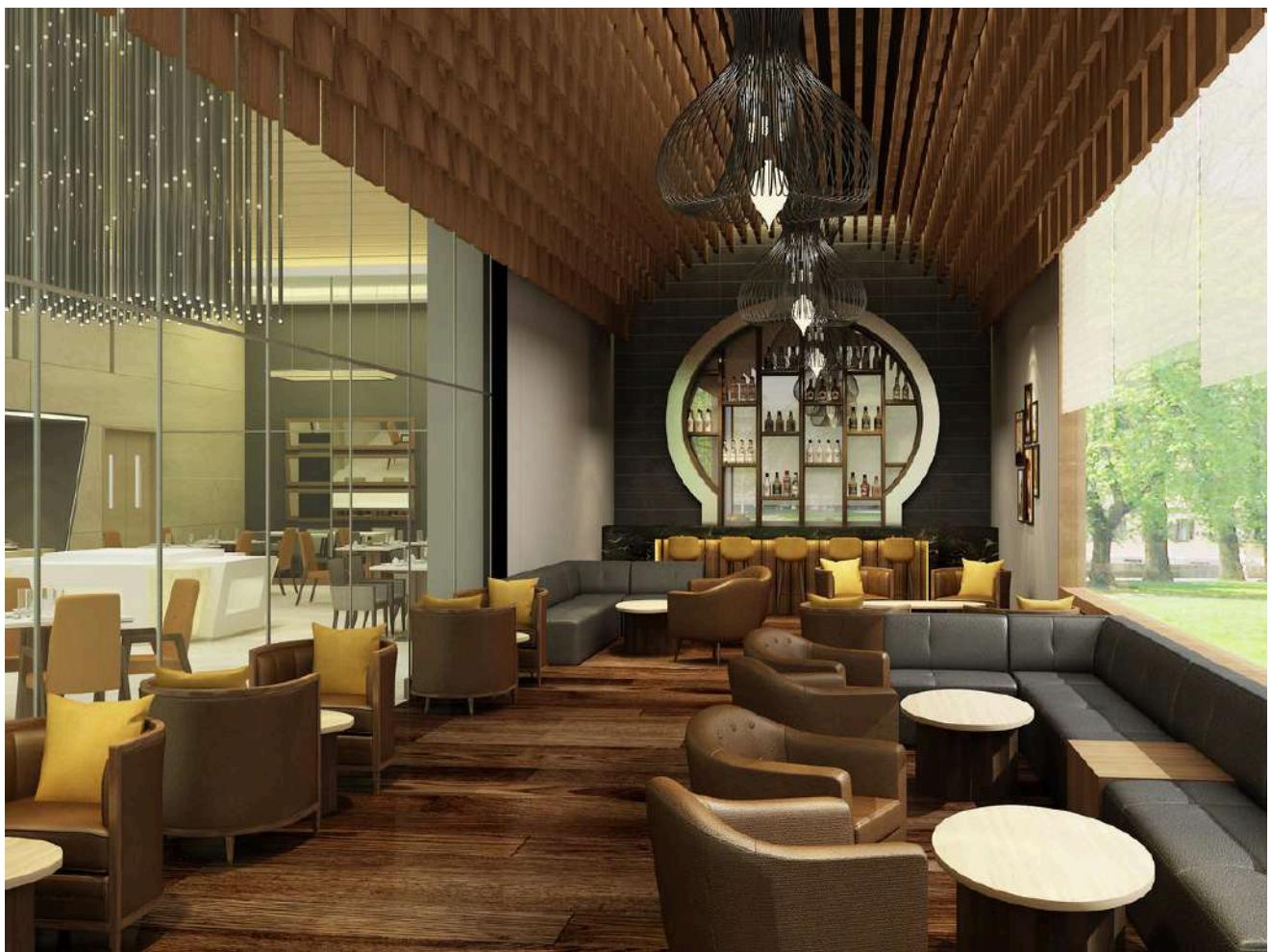




Redisson Phagwara | Internship

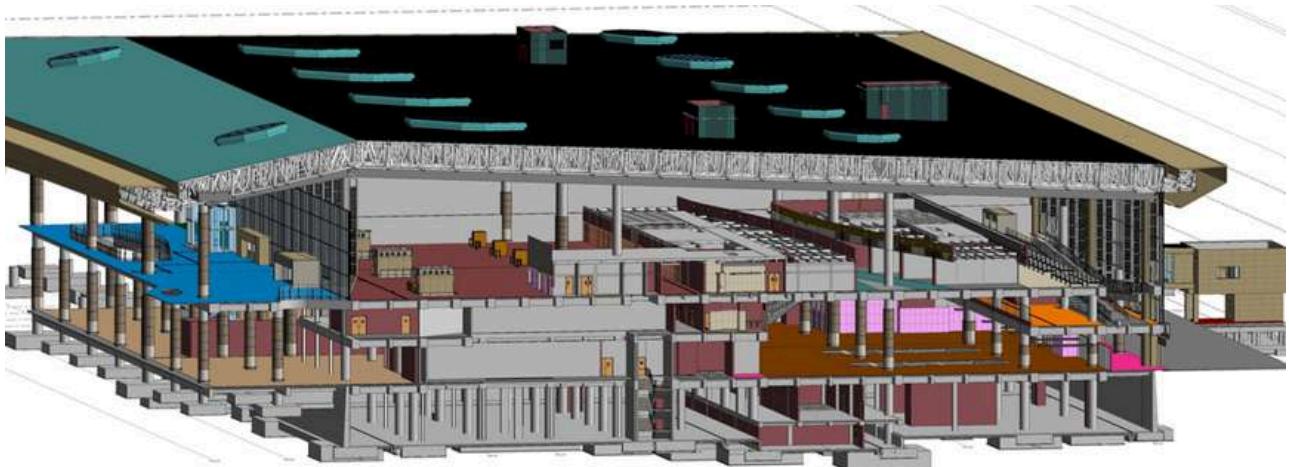
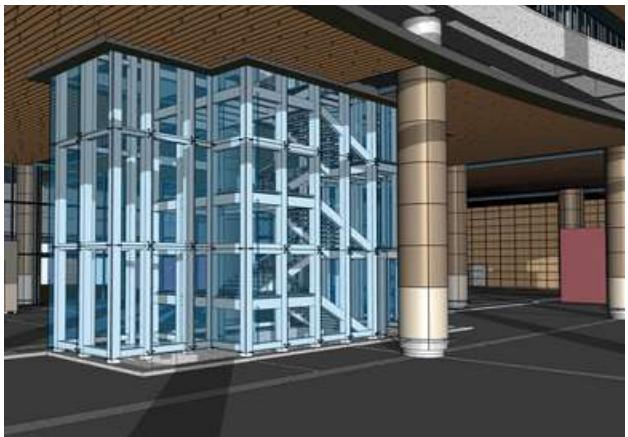
The interior design project for Radisson Phagwara centered on creating a modern, luxurious, and welcoming atmosphere through a concept blending contemporary comfort with natural warmth. We executed the design for key areas including the Tea Lounge, the Bar Counter and Layout, and the Guest Room Interiors. The design employs a sophisticated palette of neutral tones—creams, beiges, and soft greys—complemented by rich wood accents and pops of vibrant color, notably the signature mustard yellow in seating and soft furnishings. Features such as the striking live cooking station in the All-Day Dining area, the ambient lighting fixtures, and the elegant, geometric detailing in the Banquet Hall and Reception spaces demonstrate a commitment to both high-end aesthetics and functional design, ensuring a memorable and comfortable experience for every guest.





LIAL AIRPORT | LUCKNOW AIRPORT

This project was completed under a previous employer and is subject to strict intellectual property and confidentiality protocols. Consequently, the full file set cannot be shared publicly. The attached documents serve as a representative sample to highlight the work performed and the technical approach taken, without infringing on proprietary restrictions the work is done in revit software LOD 500 .



Antananrivo

This work was executed for Haskel Construction, a client based in Utah, USA, while under the employment of Sanrachna BIM.

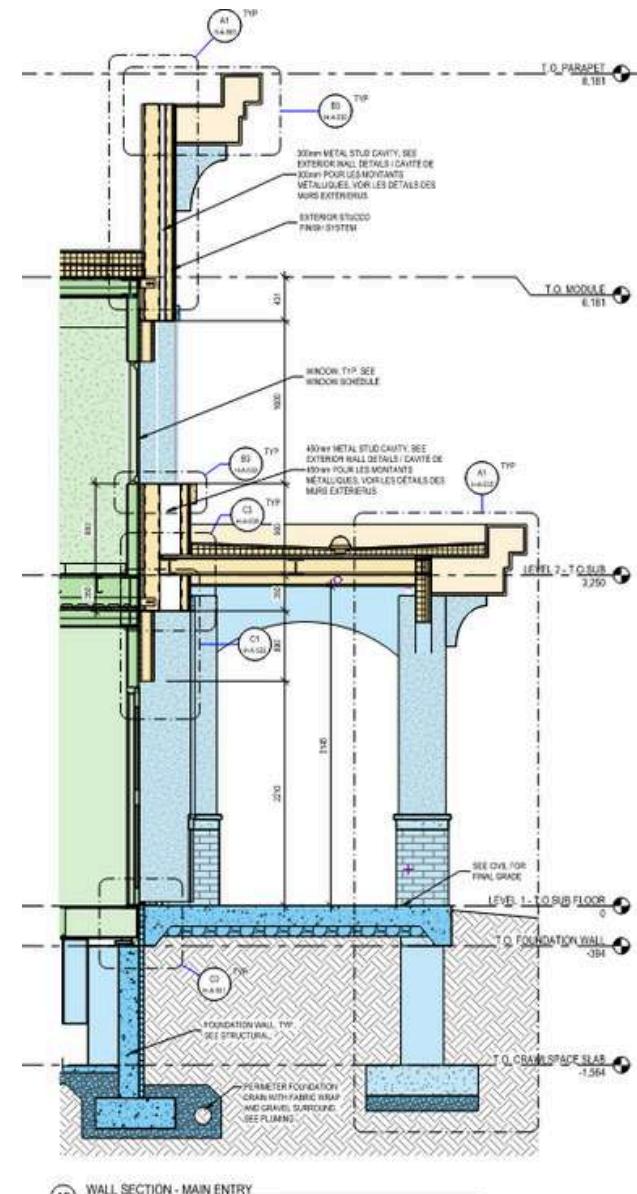
1. Client & Scope

- Client: Haskel Construction
 - Client Location: Utah, USA
 - Project Focus: Ancillary units for the Church of Jesus Christ of Latter-day Saints.

2. Project History with Client

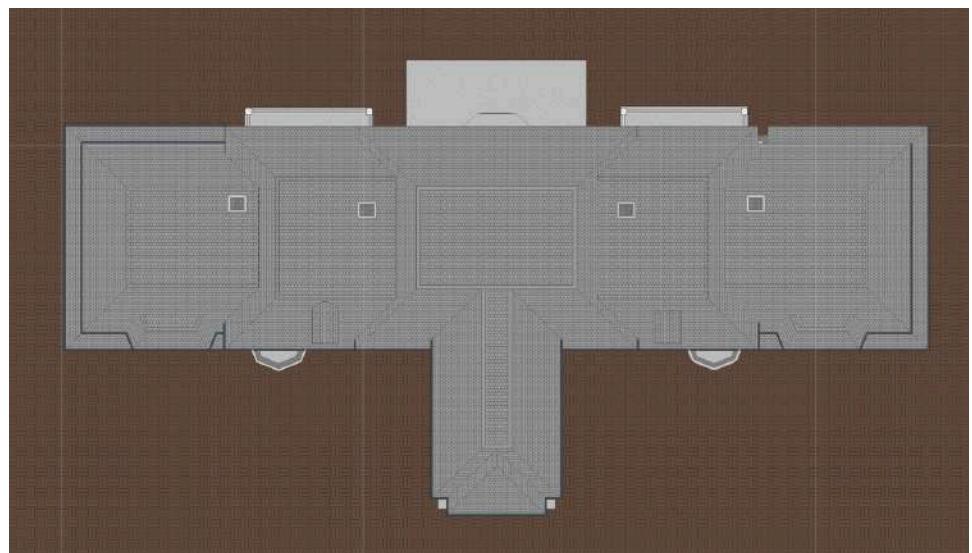
- Volume of Work: Completed 7-8 projects for this same client.
 - Locations / Project Names (Examples):
 - Antananarivo (Madagascar)
 - Brazzaville (Congo)
 - Managua (Nicaragua)
 - Nicaragua (General Projects)
 - Cuernavaca (Mexico)

3. The Entry Arched Gate section visually verifies your expertise in achieving LOD 500 standards by showcasing fabrication-ready, complex geometry and meticulously detailed component assemblies.



Brampton Mansion

- Neo-Classical Grandeur and Symmetrical Design: The project champions a high-end, luxury residential design concept defined by neo-classical grandeur and a commanding, symmetrical composition across its main elevations, using features like a prominent columned entrance and balustrade-adorned balconies to achieve depth and texture.
- Complex Structural Sophistication and Voluminous Silhouette: The architecture features complex massing and a rigorously planned structural framework, highlighted by a steep, multi-pitched roofline (T/O Roof height of 12660) that incorporates multiple dormer windows and detailed chimney stacks, resulting in a rich, traditional, and voluminous estate silhouette.



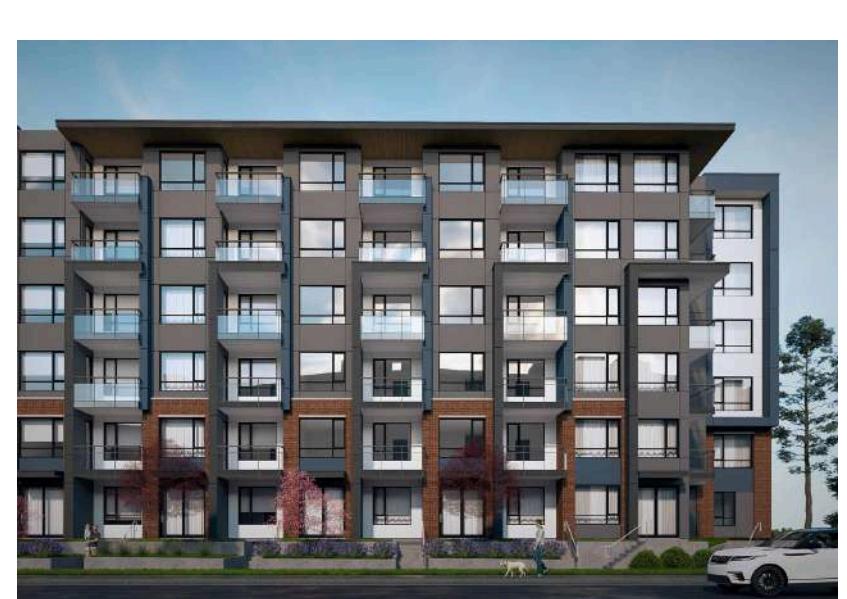


MR06 APARTMENT DEVELOPMENT | Maple Ridge, BC

Role: Computational Designer – REVIT

- Contemporary Material Articulation: The design uses a Contemporary style, breaking up the six-story massing with a rich, contrasting material palette, including Brick Cladding, warm Long Board Aluminium Siding, and multi-toned Hardie Panel. This articulation creates a visually segmented, modern façade.
 - BIM-Driven Technical Precision: The design execution by PMA Groups relies on a high-fidelity workflow using Revit for efficient and precise technical detailing (e.g., complex unit and floor plans) and D5 Render for creating high-quality, photorealistic visualizations of the final aesthetic.



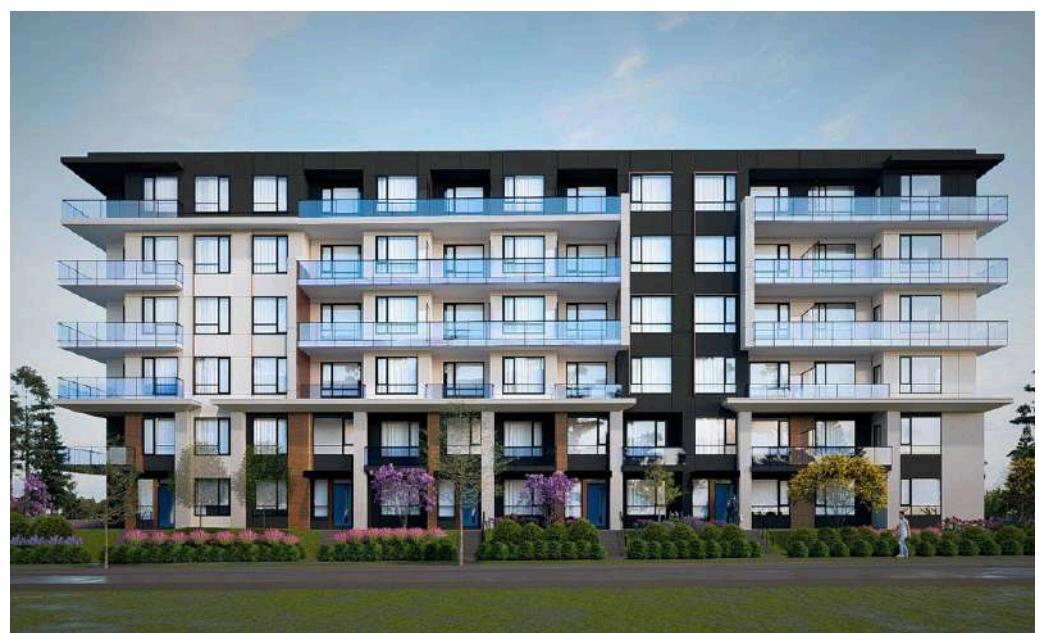


7126 APARTMENT DEVELOPMENT | Surrey, BC

Role: Computational Designer – REVIT

- Contemporary Facade: The design is a 6-storey, 100-unit contemporary apartment (PMA GROUPS) featuring a modulated facade with clean lines and contrasting rainscreen panels (e.g., Hardie and GFRC).
- REVIT to D5 Workflow: The project was engineered using REVIT (BIM) and beautifully rendered with D5 to achieve photorealistic visualization and material representation.



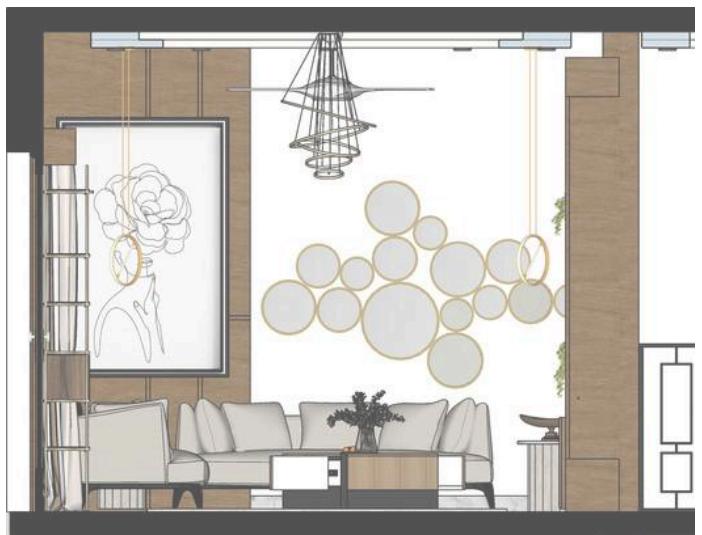


Shakya Villa, Bareilly | Personal

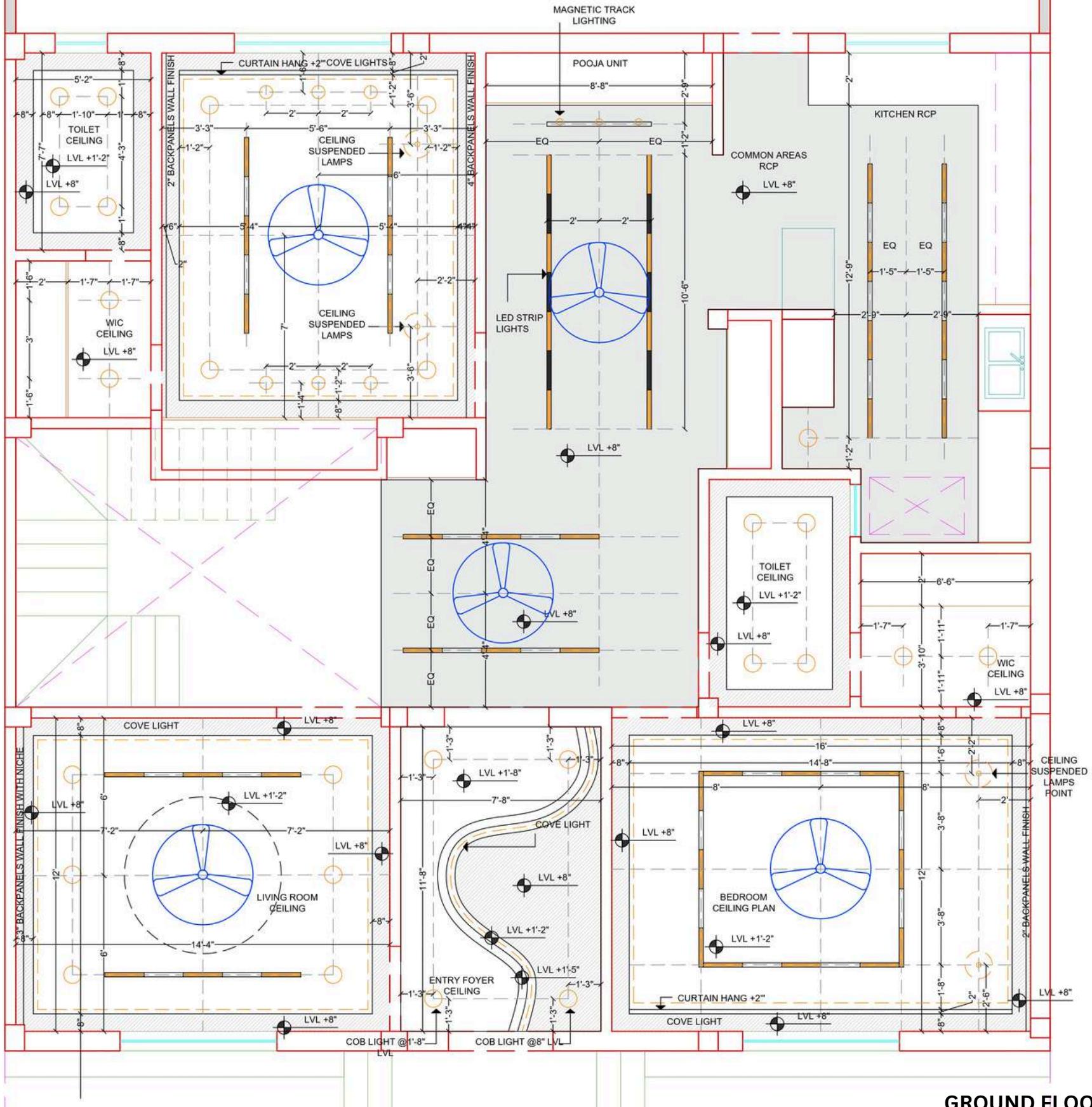
"A refined interplay of texture and form. This living space marries the richness of walnut wood and Italian marble with the softness of curved geometry. The result is a first-floor retreat that feels simultaneously expansive and intimate—a modern definition of home."

Soft Contemporary Luxury with Fluid Geometry

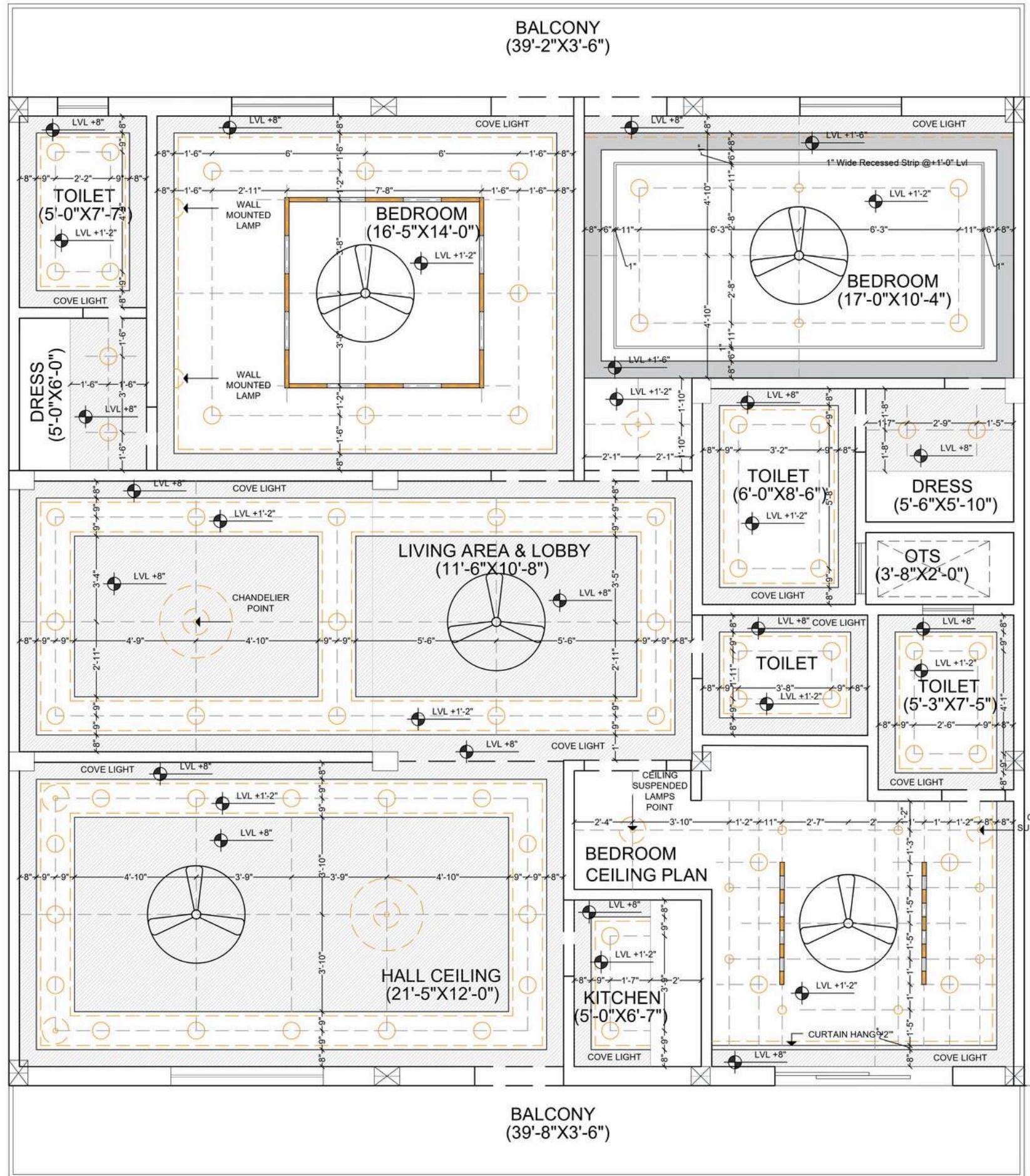
This living space epitomizes Soft Contemporary Luxury, blending the richness of walnut wood with the elegance of a white marble feature wall. The design concept focuses on fluid geometry, effectively softening architectural lines through bespoke pill-shaped shelving, circular mirrors, and abstract art to create a sophisticated yet deeply inviting atmosphere.



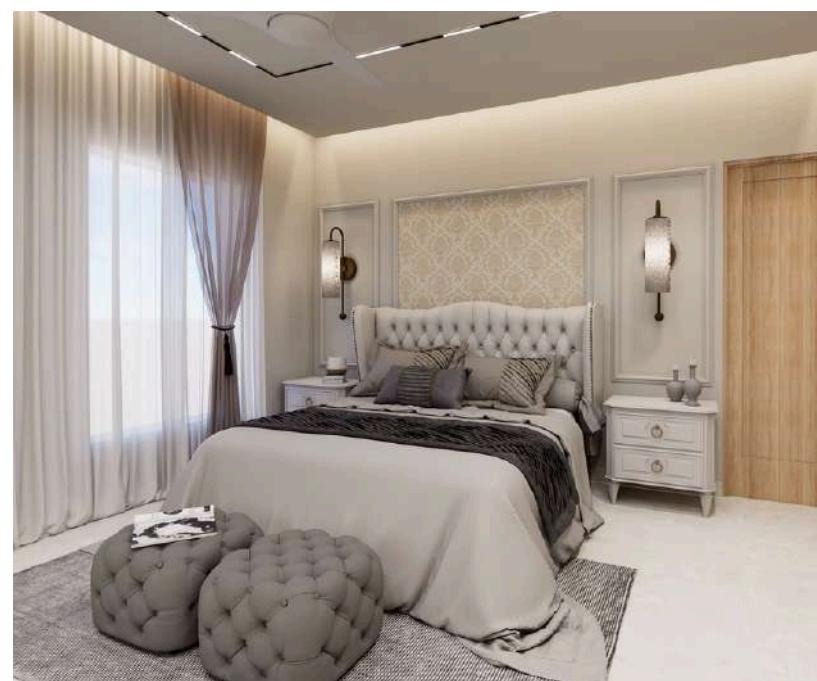
OPEN AREA FOR GARDEN



GROUND FLOOR RCP



FIRST FLOOR RCP

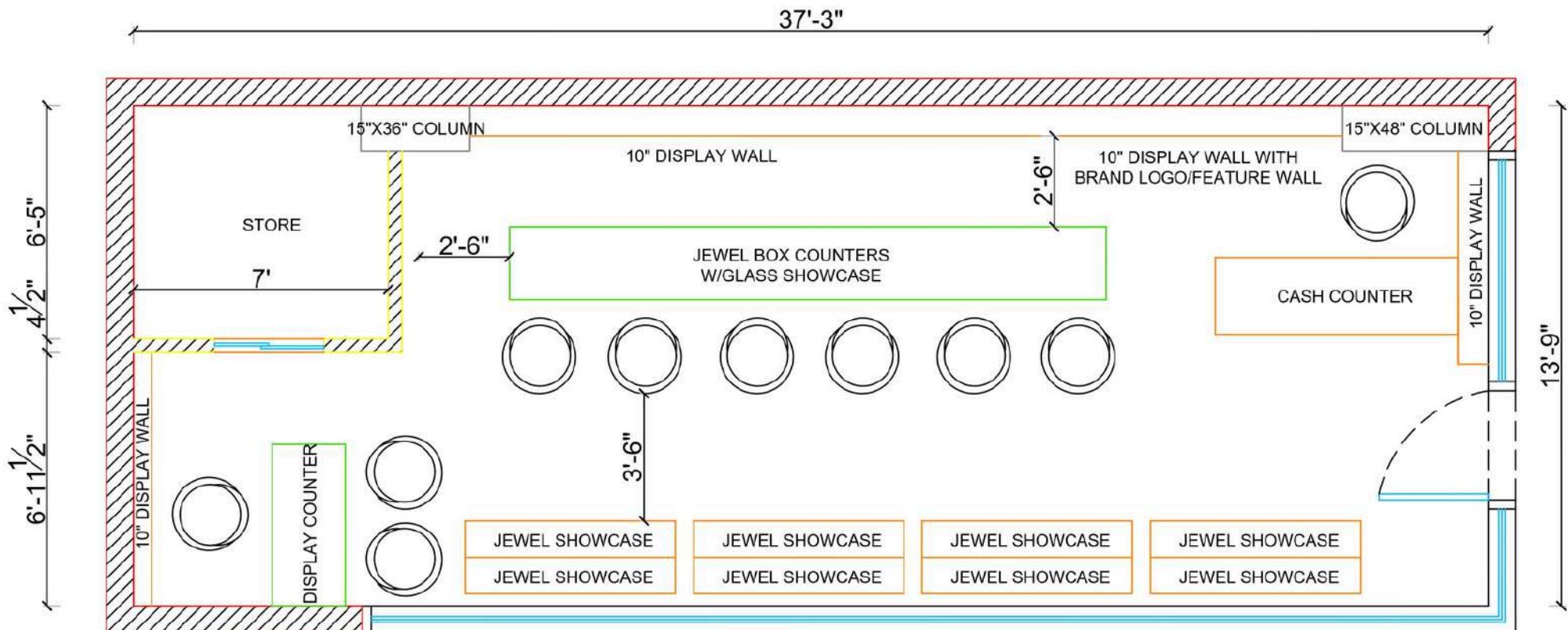


Jewelry Shop Interior | Personal

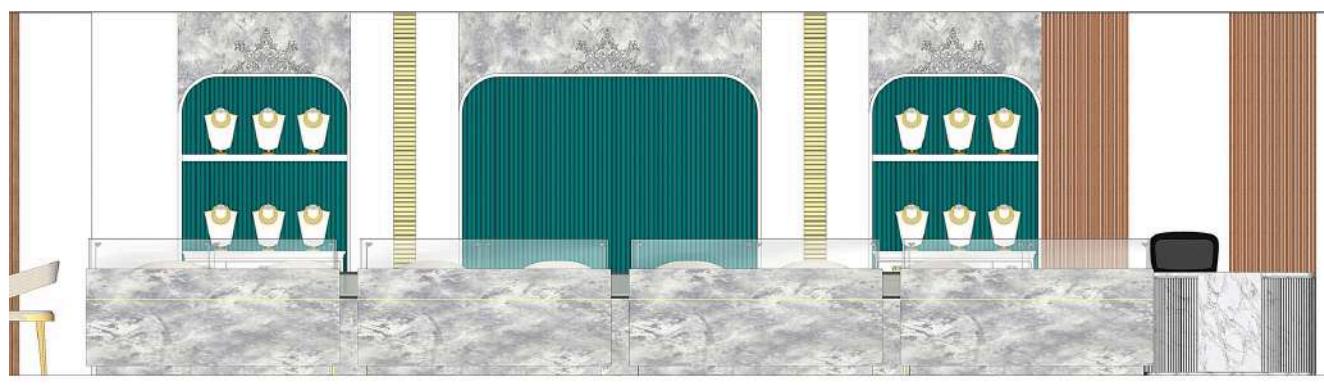
Modern Luxury "A contemporary approach to jewelry retail design, focused on elegance and texture. This project transforms a compact commercial space into a premium showroom using a triad of textures: veined stone, fluted wood, and metallic gold trims. Key design features include custom marble cabinetry, emerald green feature walls, and ergonomic layouts that facilitate personalized customer service. The result is a bright, inviting, and secure environment that elevates the perceived value of the merchandise."



FLOOR PLAN



FRONT ELEVATION



SIDE ELEVATION



Elysian Blend Villa | Personal

The word "**Elysian**" evokes a sense of beauty and paradise, while "Blend" reflects the harmonious combination of old European architecture and modernist design principles in your villa project. Elysian Blend Villa is a unique architectural masterpiece that seamlessly blends elements of old European architecture with modernist design principles. Inspired by the timeless elegance of European villas, this project reinterprets traditional architectural features such as arch windows and intricate detailing within a contemporary context. The villa's façade is characterized by a harmonious juxtaposition of classic arch windows on the lower levels and sleek glazing on the top floor, creating a visually captivating contrast between past and present. This blend of old-world charm and modern sophistication reflects a thoughtful approach to architectural design, where heritage meets innovation. Throughout the interior spaces, the fusion of old and new continues, with spacious layouts and clean lines complemented by ornate moldings and classical motifs. Large windows flood the rooms with natural light, blurring the boundaries between indoor and outdoor living and enhancing the sense of openness and connectivity. Elysian Blend Villa is more than just a residence; it is a testament to the power of architectural storytelling, where tradition and innovation come together to create a timeless and inspiring living environment. Whether admired from the street or experienced within its walls, this villa stands as a testament to the enduring allure of architectural synthesis and creative expression.



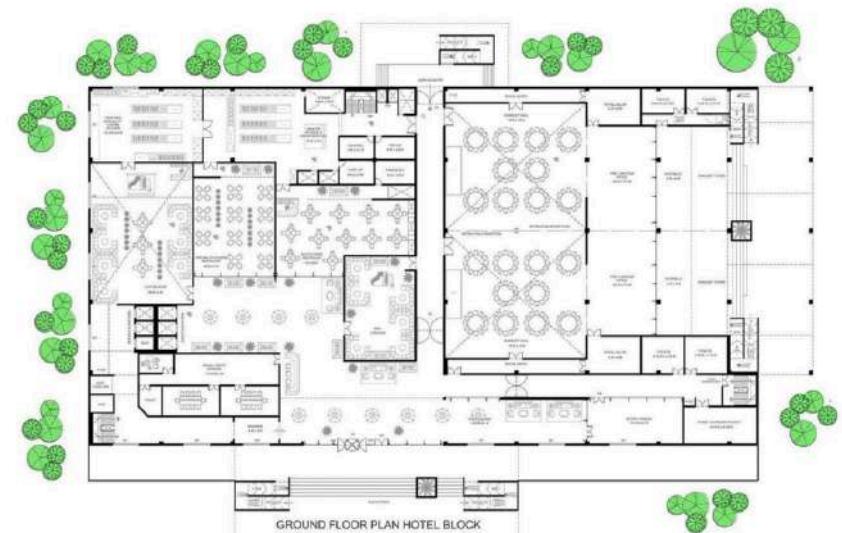


Miscellaneous

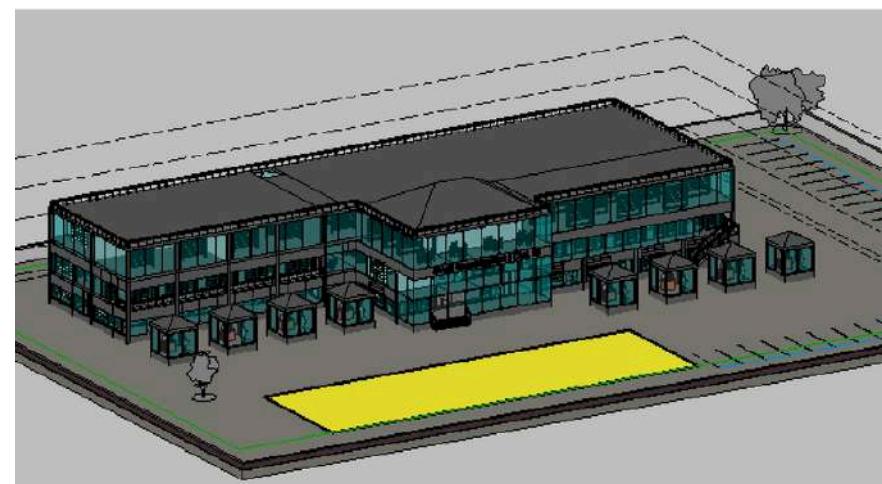
Hephaestus – A Dynamic Design Study Series



The Rutba Palace Hotel | Academic



Commercial Complex | Academic



The Vatika – Affordable Housing | Academic



Software: Autodesk AutoCAD LT 2022 + Blender 3D

Student Habitat 2.0 - Archmello | Academic – Competition | Group Project



Inspiration Hostel 2021 | Academic

