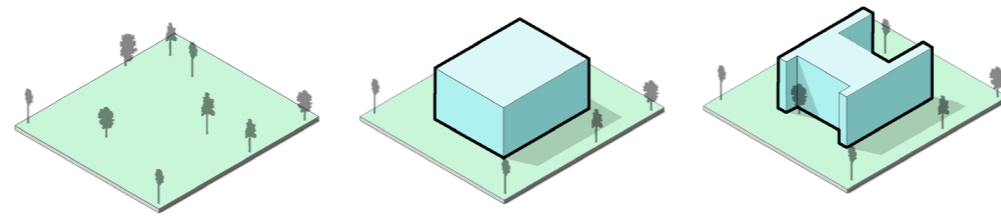


# PORTFOLIO





## JAFRIN SURETHA SURESH

ARCHITECTURAL DESIGNER

[in linkedin.com/in/jafrinsuresh](https://www.linkedin.com/in/jafrinsuresh)

+44 7586392913

[ar.jafrin.suresh@gmail.com](mailto:ar.jafrin.suresh@gmail.com)

London, United Kingdom

## EDUCATION

### Master of Science in Advanced Construction Technology and BIM.

University of Strathclyde, Glasgow, United Kingdom.

### Bachelors in Architecture with Distinction.

Sathyabama Institute of Science and Technology, TamilNadu, India.

## WORK EXPERIENCE

### ARCHITECTURAL DESIGNER.

A & N Architects, London | Oct 2025 - Present

- Currently working on on-site projects, overseeing design implementation and coordination.
- Refurbishing existing residential properties according to new design plans.
- Planning and adapting layouts to meet updated functional and aesthetic requirements.

### 3D VISUALIZER & ARCHITECTURAL DESIGNER.

Selfemployed, India

- Created high-detail 3D models, technical drawings, and interior visualizations to align design elements.
- Increased project approval rate by 30% through enhanced 3D visualizations and client presentations.

### ARCHITECTURAL ASSISTANT.

Ruby Builders, India | Dec 2022 - Dec 2023

- Developed conceptual designs & layouts using Revit for early-stage planning.
- Optimized design workflows, reducing modeling time by 25% using BIM automation.
- Reduced design inconsistencies by 20% through detailed construction documentation.

## TOOLS

Design Tools	AutoCAD   Autodesk Revit   SketchUp   Rhinoceros.
Visualization	Lumion   TwinMotion   Enscape   V-ray.
Presentation	Adobe Photoshop   Adobe Indesign   Adobe Illustrator.
MS Office	Word   Excel   Powerpoint

## COMPETITIONS

### Architectural Thesis Competition.

Submitted my thesis project to prominent architectural design competitions, focusing on sustainable and community-driven spaces.

### Zonal NASA Convention (ZNC).

Actively engaged in the Zonal NASA events, showcasing creative installations and designs that celebrated cultural and architectural heritage.

# CONTENT.

01

## **Architectural Design Development & Visualization**

*Professional Practice – Architectural Designer*

*A & N Architects, London*

02

## **Architectural Documentation & Working Drawings**

*Professional Practice – Junior Architect*

*Ruby Builders, India*

03

## **BIM-Integrated Architectural Design**

*Master's Project – Advanced Construction Technology & BIM*

*University of Strathclyde, Glasgow*

04

## **Aerovia Nexus — Airport Infrastructure Thesis**

*Undergraduate Final Thesis | Transportation Architecture*

*Sathyabama University, Chennai*

05

## **Interior Design, Visualization & Creative Works**

*Freelance Projects & Extra-Curricular Work*



# 01

## ARCHITECTURAL DESIGN DEVELOPMENT & VISUALIZATION

**Year :** 2025

**Role:** Architectural Designer

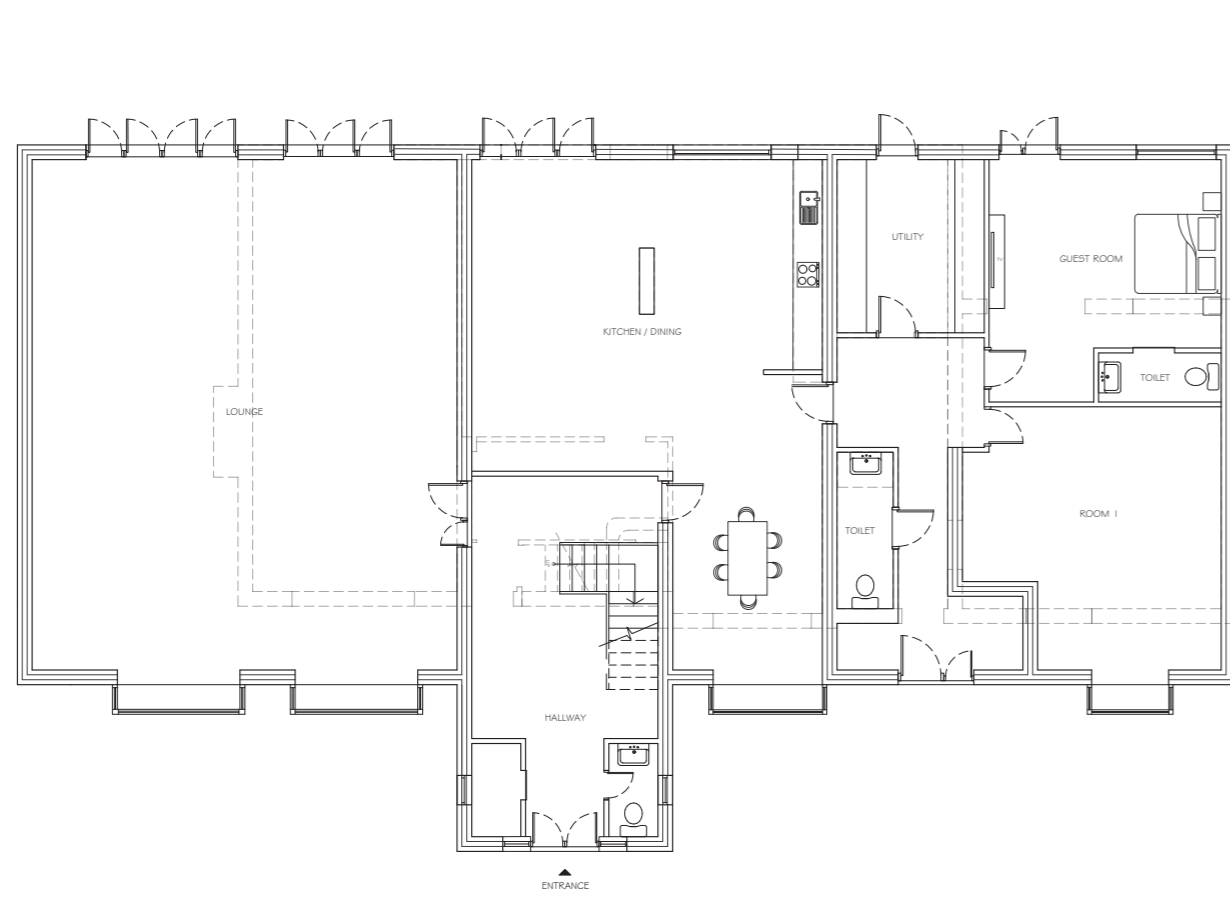
**Tools:** AutoCAD, V-Ray, Sketchup

**Location:** Leicester, United Kingdom.

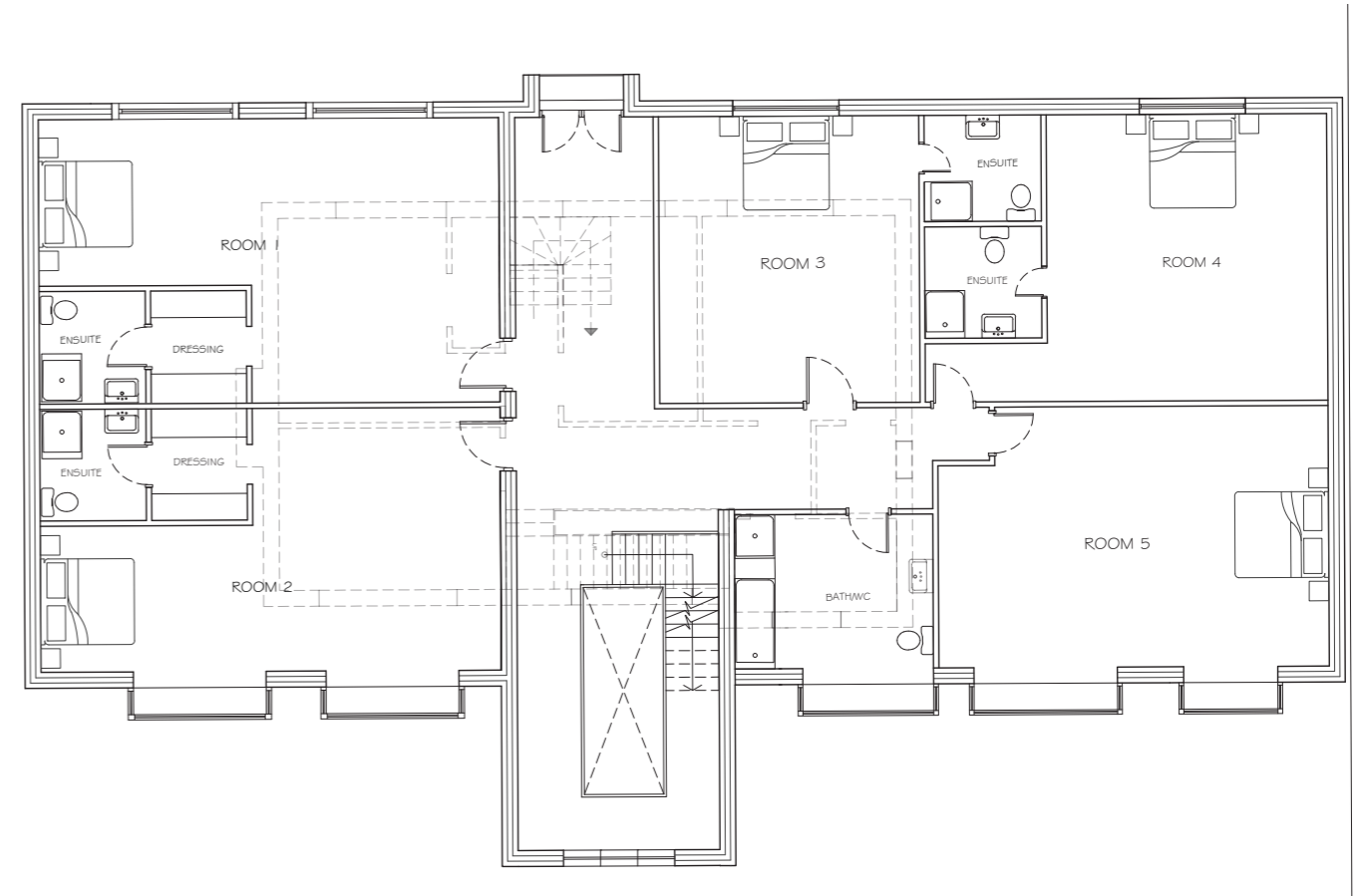
I am currently working at A&N Architects as an Architectural Designer, where I am involved in both the creative and technical stages of residential and mixed-use developments. My role includes developing design proposals, producing and refining detailed AutoCAD drawings, and preparing comprehensive planning and construction packages.

I work closely with architects, engineers, and consultants to coordinate design information, implement revisions, and ensure all drawings remain accurate and up to date. Through this, I contribute to the smooth progression of projects from early concept design through to technical delivery on site.

**Role:** Architectural Designer  
**Tools:** AutoCAD, Sketchup, Vray



Ground Floor Plan



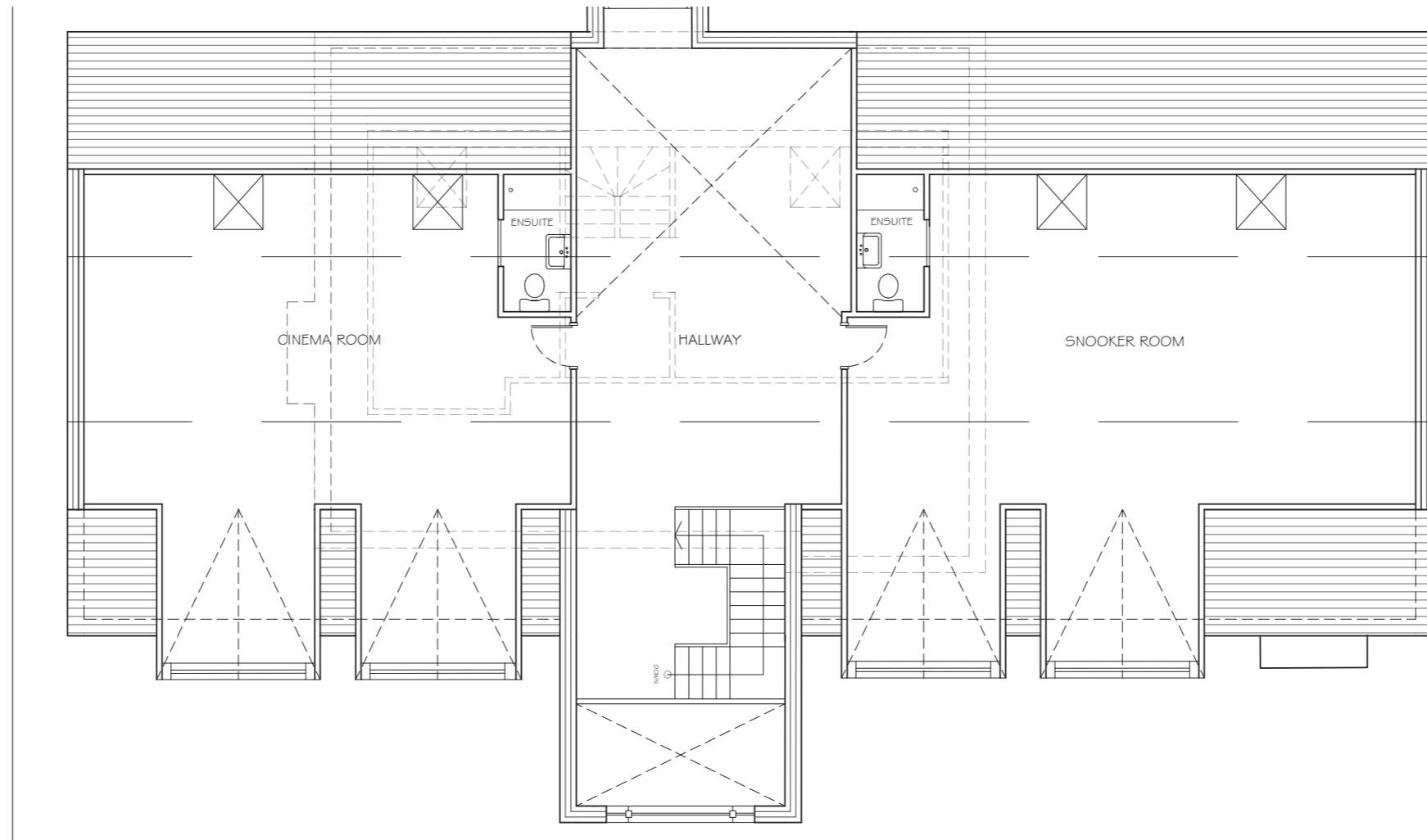
First Floor Plan

## Scope of Work

- Prepared architectural plans and elevations in coordination with senior architects
- Developed 3D architectural models to support design development and spatial studies
- Assisted in translating design intent into clear, construction-oriented drawings
- Contributed to iterative design revisions based on internal reviews and client feedback

## Key Contributions

- Improved clarity of proposals using integrated 2D documentation and 3D models
- Enabled smoother client communication through consistent visual representation
- Supported the design development stage through accurate and well-coordinated drawings



Loft Plan.



Proposed Front Elevation



Tools Used :  
Sketchup, V-Ray.

# 02

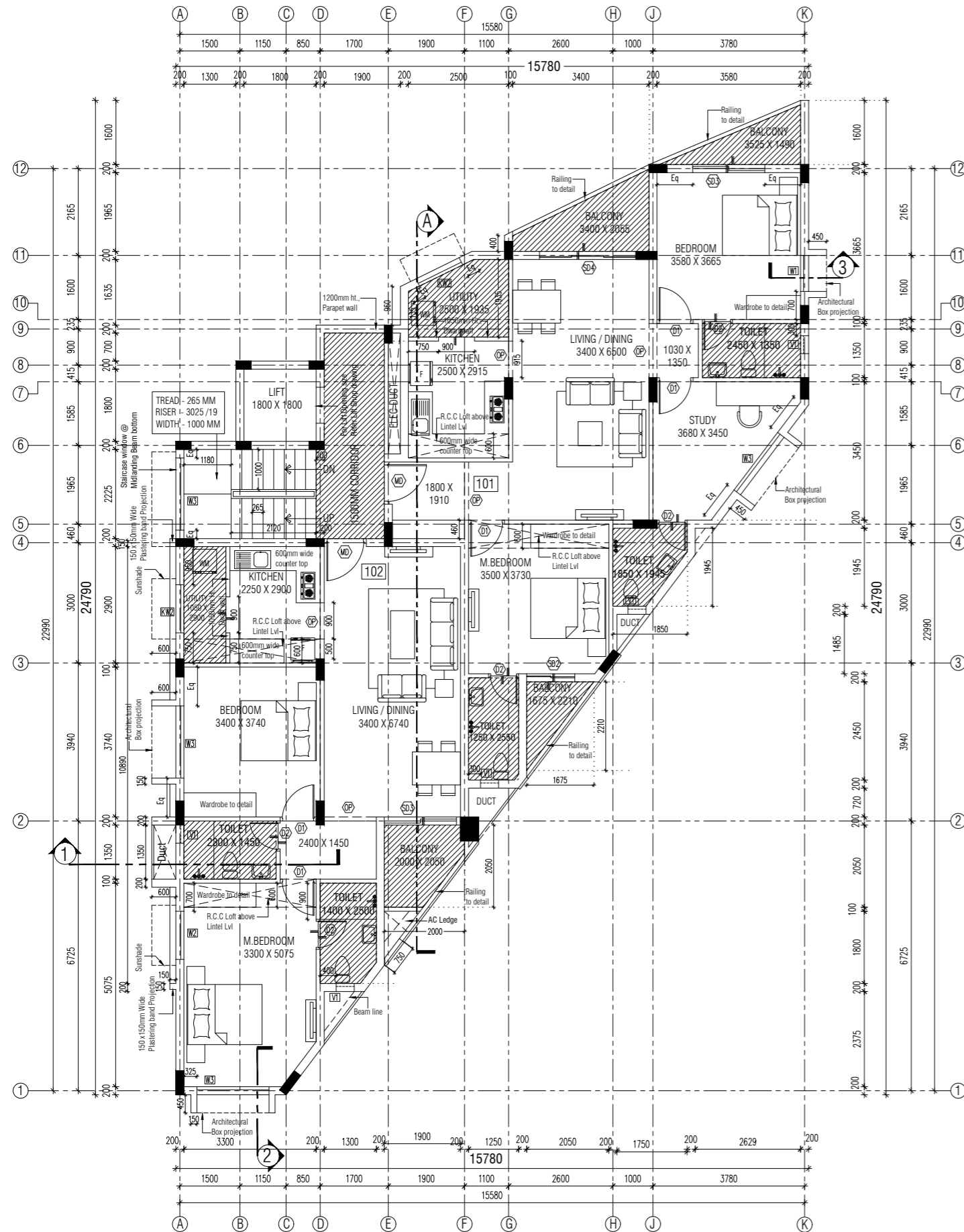
## ARCHITECTURAL DOCUMENTATION & WORKING DRAWINGS

Professional Practice – Junior Architect  
Residential & Mixed-Use Projects | India

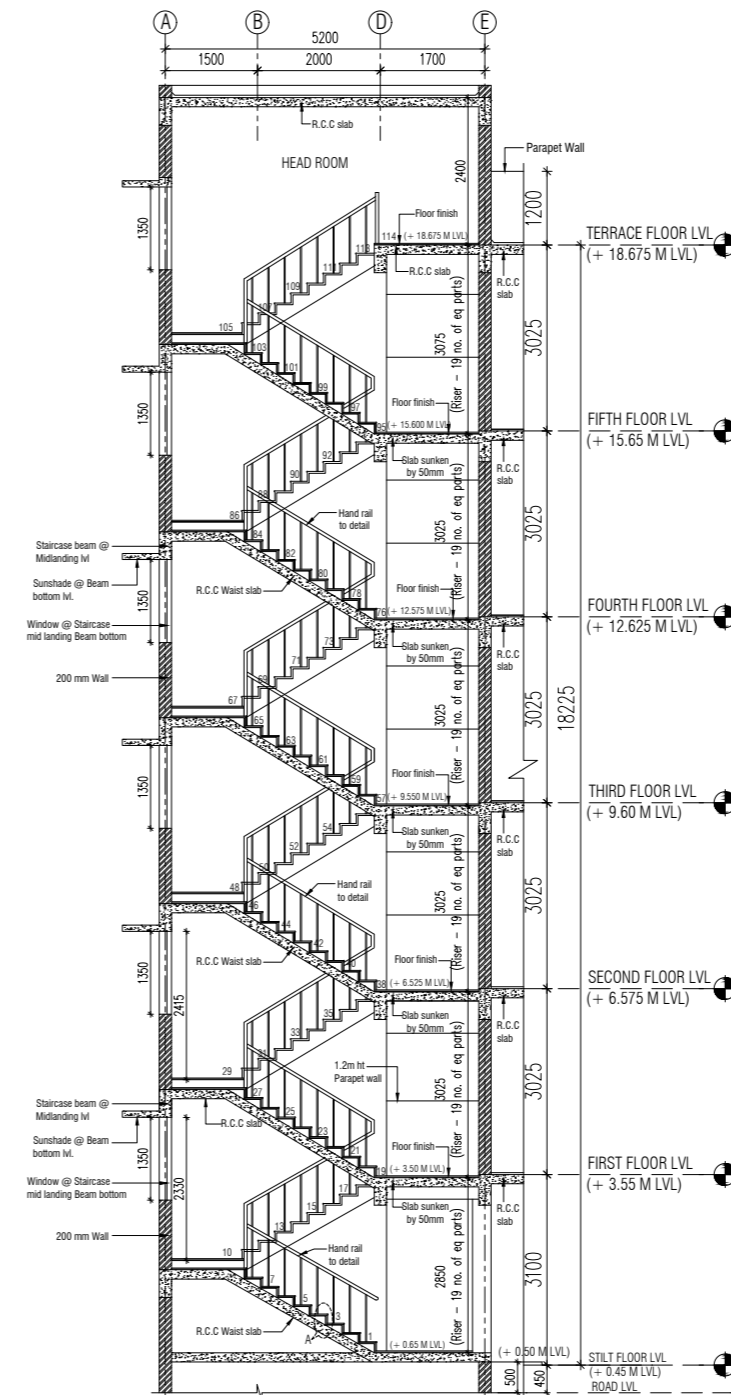
As part of my design journey, I worked on creating detailed interior renders, focusing on spaces such as bathrooms and living areas. My aim was to design interiors that are not only functional but also visually engaging, with a strong emphasis on material selection, lighting, and overall spatial harmony. Alongside the renders, I also developed supporting line drawings to clearly communicate layout, proportions, and design intent.

I paid close attention to every detail, ensuring that each render captured a sense of comfort and style while maintaining a careful balance between practicality and aesthetics. By using advanced rendering tools, I brought these spaces to life with a photo-realistic quality, highlighting the interplay of textures, colours, and forms, while the accompanying line drawings provided a clear technical understanding of the proposed interior layouts.

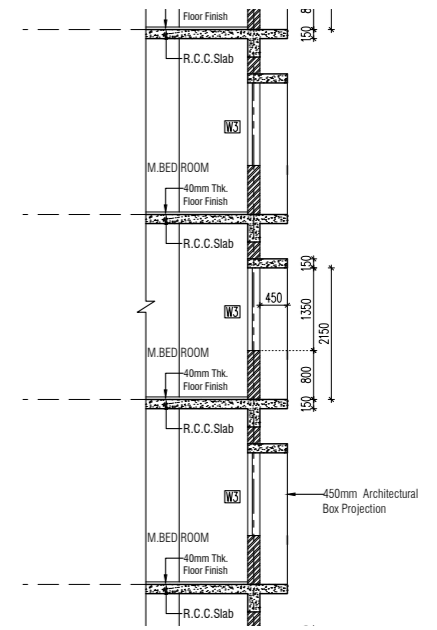
# WORKING DRAWINGS



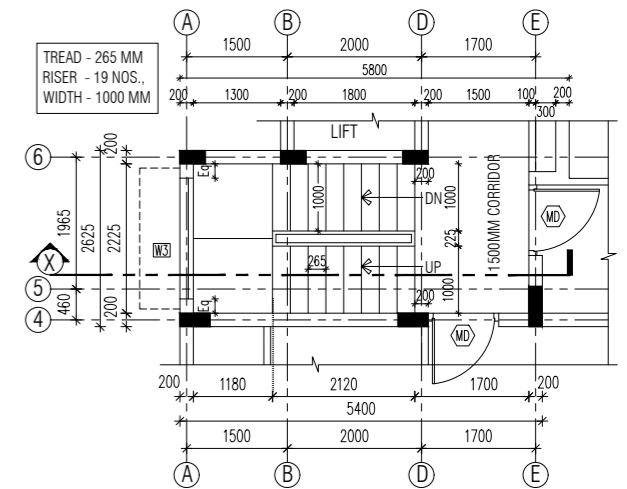
Plan.



Staircase Elevation.



Part Section.



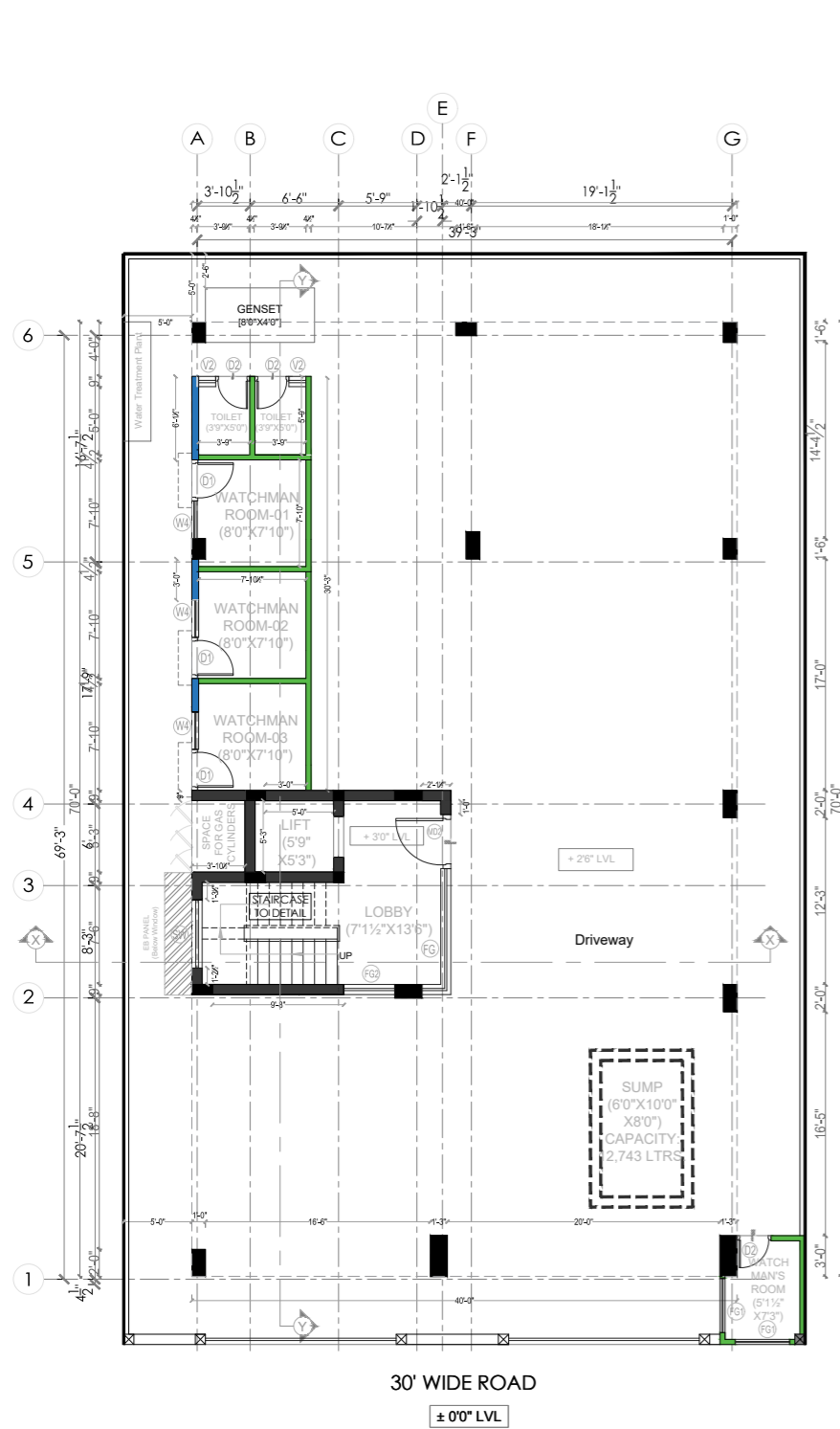
Staircase Plan.

As a Junior Architect, I worked on various architectural drawings, including plans, elevations, sections, and staircase details. Being actively involved in preparing these working drawings helped me better understand structural systems, construction details, and how designs are executed on site.

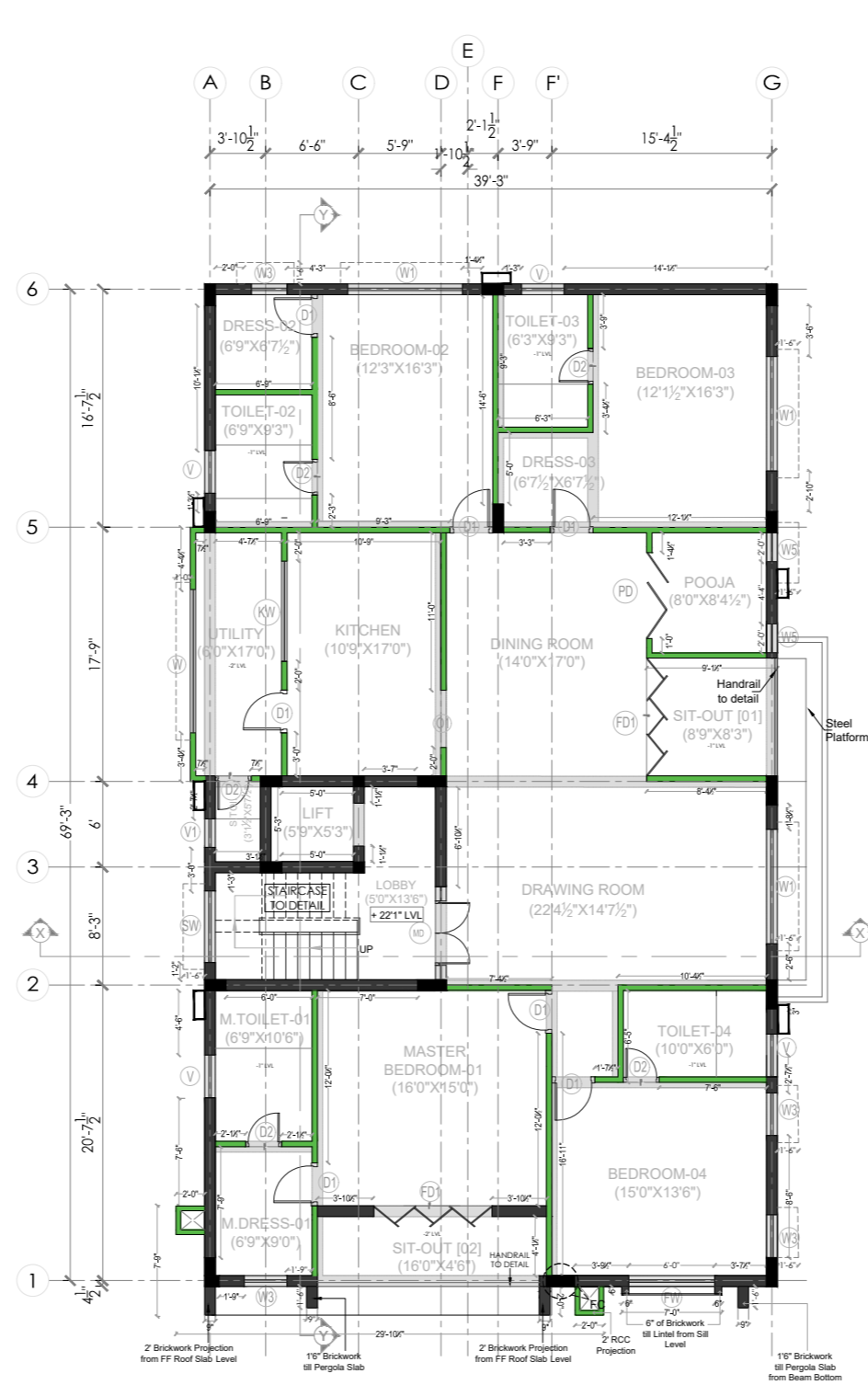
This hands-on experience improved my drafting accuracy, spatial understanding, and overall design coordination skills. Working closely on technical drawings also gave me practical exposure to translating conceptual designs into buildable solutions, helping bridge the gap between academic learning and real-world architectural practice.

# WORKING DRAWINGS

KOTTURPURAM, INDIA



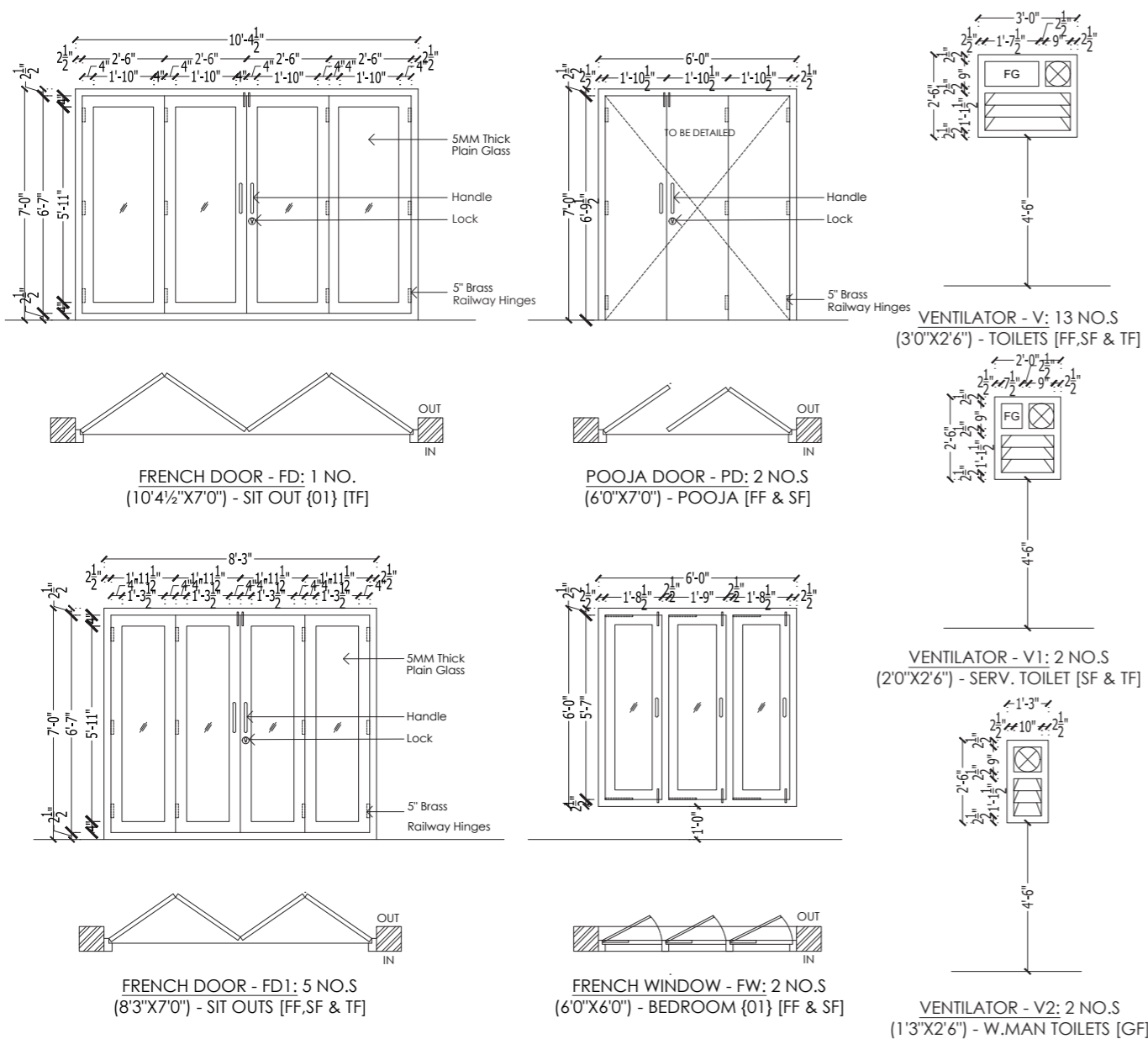
Stilt Plan.



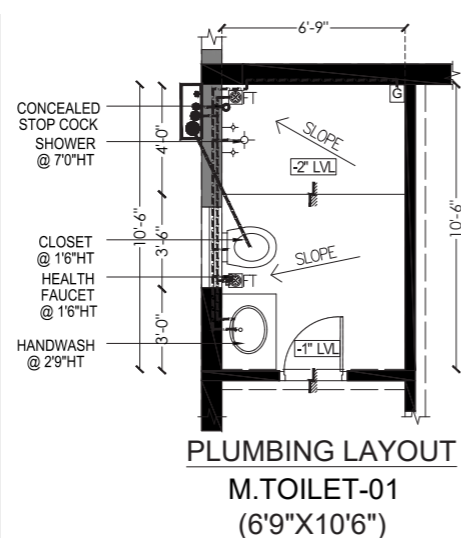
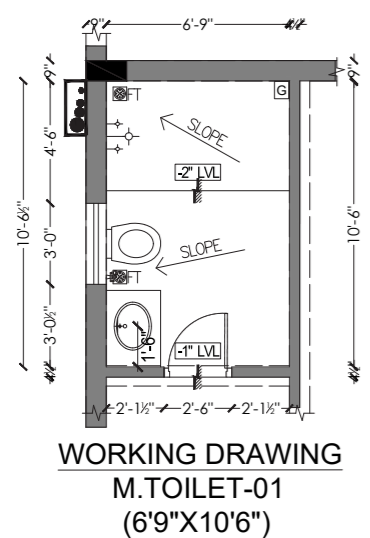
First Floor Plan



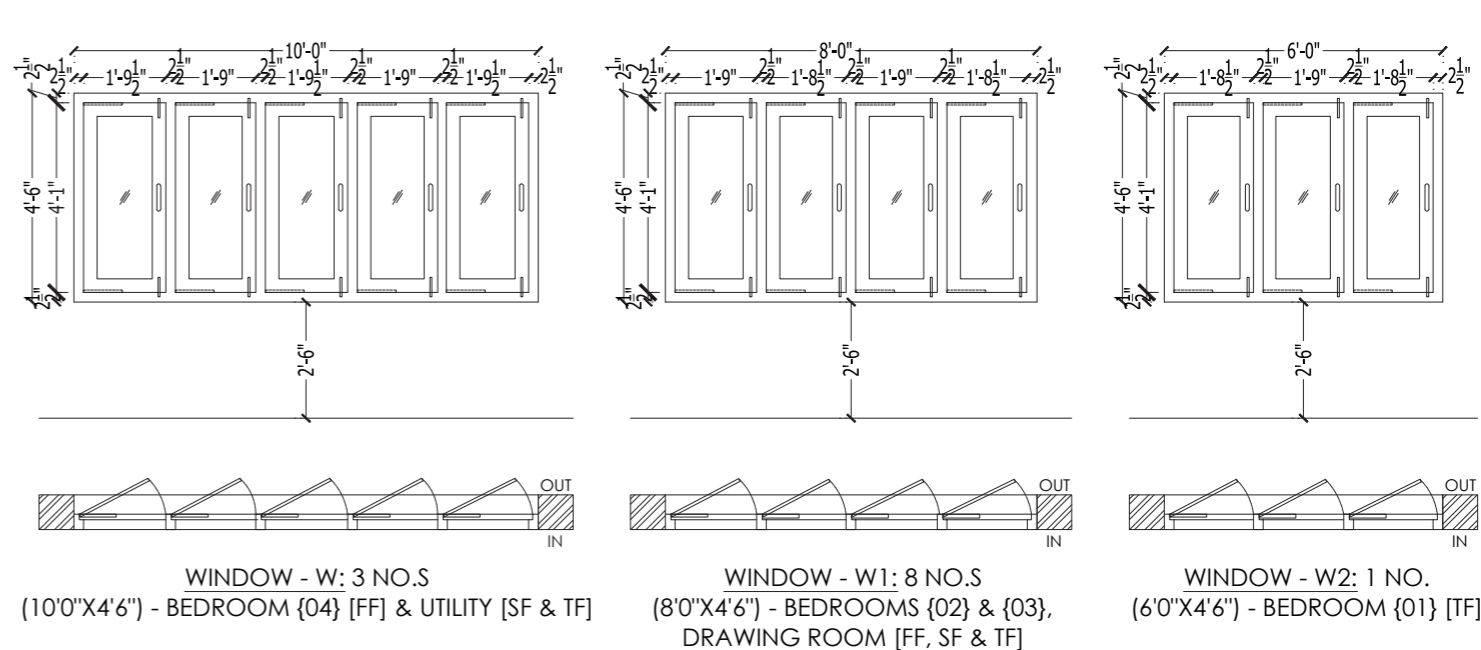
Second Floor Plan.



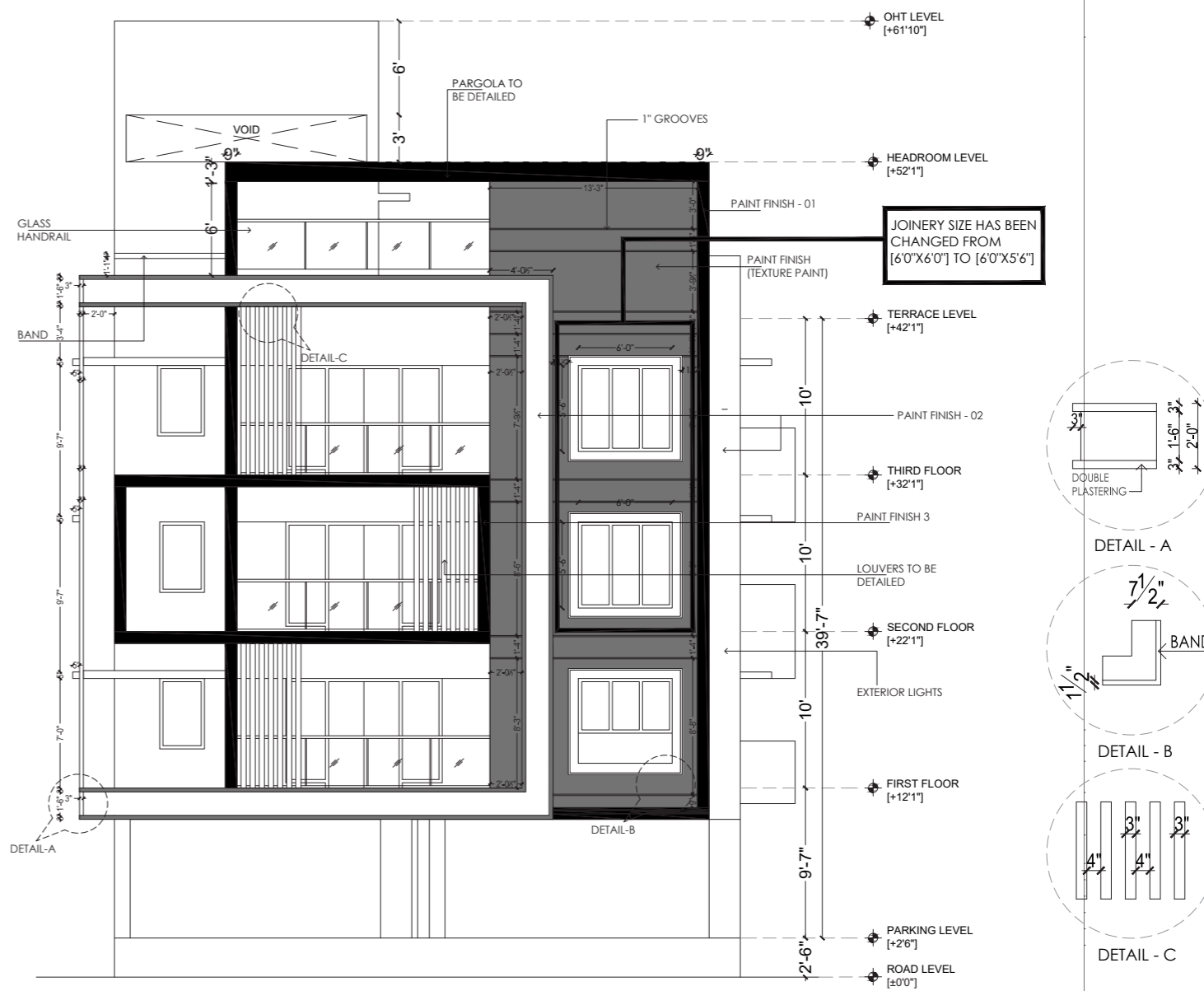
Joinery Details.



Bathroom Details.



Joinery Details.





During my internship at Ruby Builders India, I worked on creating realistic interior renders for spaces like bathrooms and living rooms. My focus was on designing interiors that combined functionality and aesthetics, with a strong emphasis on material selection, lighting, and spatial harmony.

Using SketchUp for modeling and V-Ray for rendering, I produced photorealistic visuals that captured the essence of comfort, style, and practicality. This experience allowed me to refine my skills and gain hands-on knowledge in modern interior design.



*Living Room for a Client in India.*

*Tools Used :  
Sketchup, V-Ray.*



# 03

## BIM-LED DESIGN & TECHNICAL COORDINATION

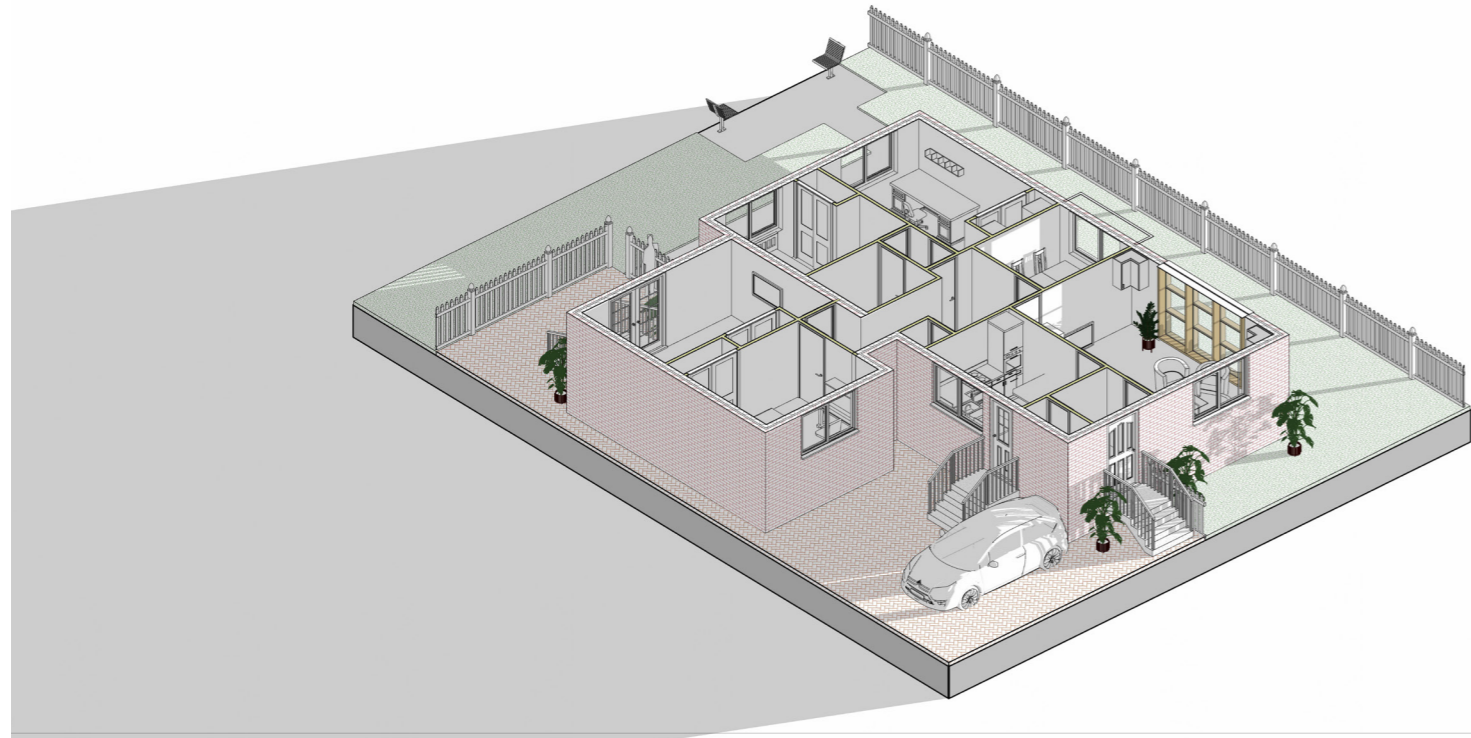
Year : 2024  
Semester : 1  
Typology : Extension Proposal.  
Location : Glasgow, Scotland.

As part of my master's program, I developed this extension proposal to showcase my expertise in architectural design and Building Information Modeling (BIM) techniques. This project features a comprehensive 2D floor plan, 3D visualizations, and sectional drawings, highlighting efficient space planning, structural integration, and thoughtful material selection.

The design process emphasized functionality and aesthetic cohesion, while leveraging BIM tools to streamline workflows and ensure precision. This project not only demonstrates my technical skills but also reflects my ability to represent architectural concepts effectively and adapt them to practical applications.

# EXTENSION PROPOSAL

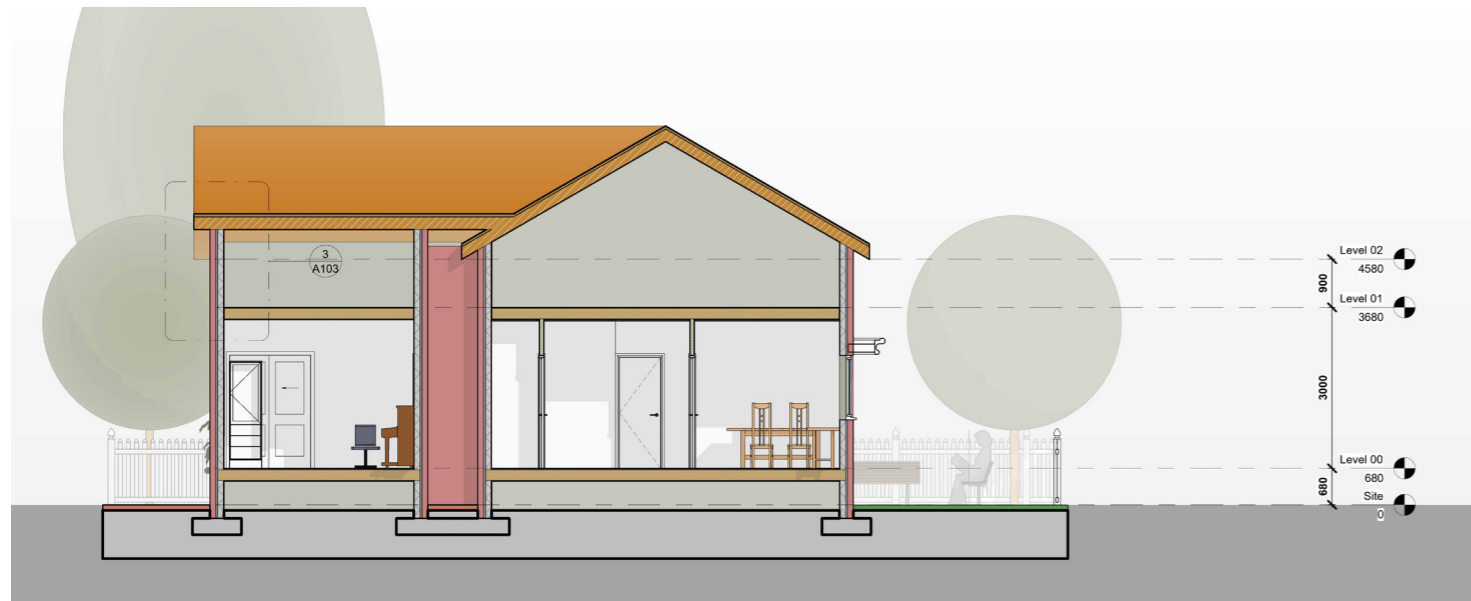
As part of my master's program, I created this extension proposal to demonstrate my skills in architectural design and BIM techniques. The project includes a detailed 2D floor plan, 3D visualization, and sectional drawings, showcasing efficient space planning, structural integration, and material considerations. This work allowed me to apply BIM tools to design a functional and visually cohesive extension while gaining practical experience in architectural representation.



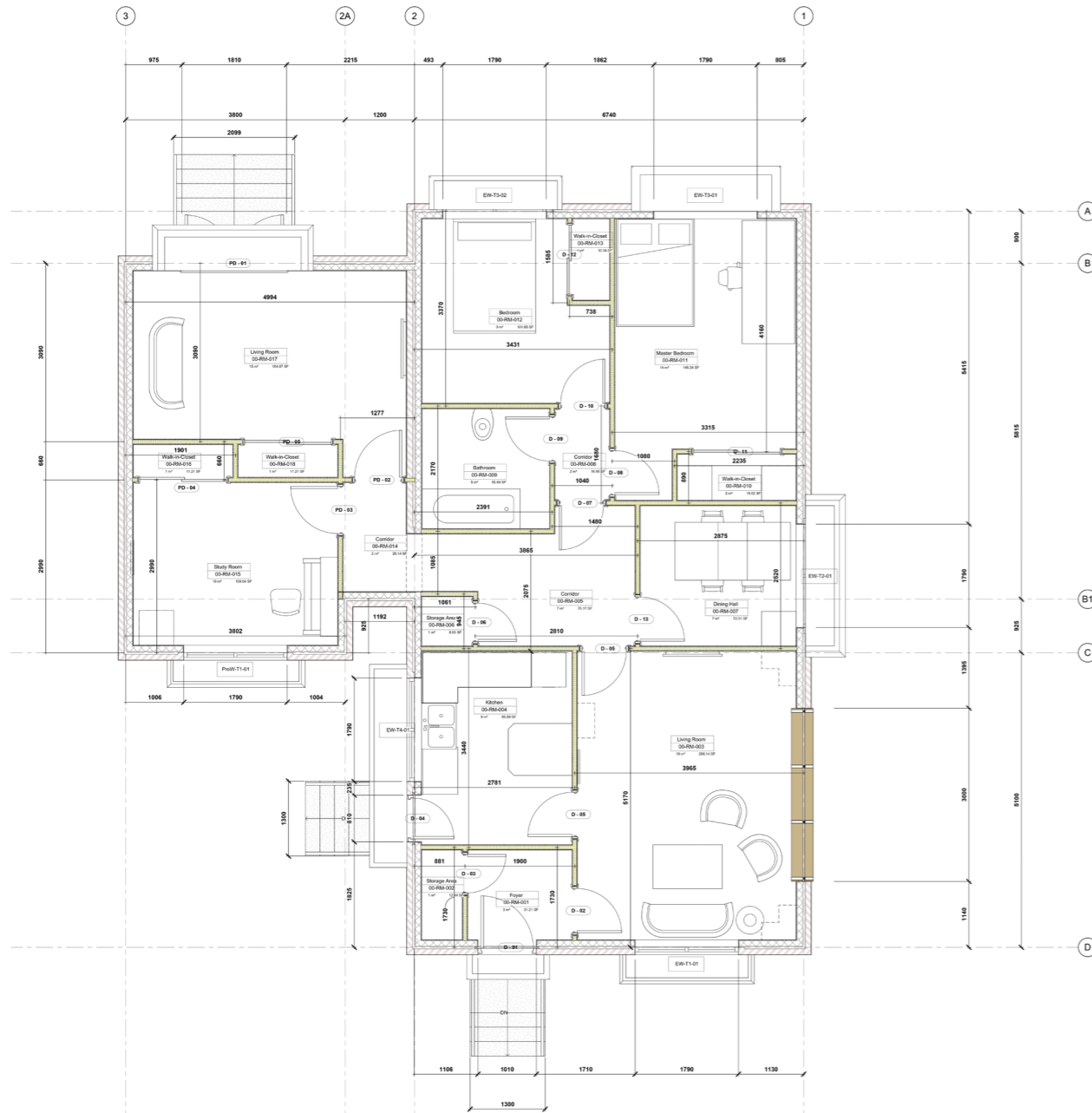
Isometric Cut Section.



Colour Coded Plan.



Sections.



Floor Plan with Dimensions.

Type Mark	Family and Type	Height	Width	Level	Cost	Count	Head Height	Manufacturer
49	Doors_IntSgl: UoS_Door_IntSgl_900x2110mm	2110	900	Level 00	220.00	2	2110	SCDoors
59	Door-Opening: Opening 1000mm	0	0	Level 00		1	0	
93	M_Door-Interior-Double-Sliding-2_Panel-Wood: UoS_Door_IntDbliSlid_1500x2100mm	2110	1500	Level 00	250.00	3	2110	BandQ
94	M_Door-Interior-Double-Sliding-2_Panel-Wood: UoS_Door_IntDbliSlid_1200x2110mm	2110	1200	Level 00	230.00	1	2110	BandQ
98	Doors_ExtSgl_6: UoS_ExtSgl_Main_910mmx2110mm	2110	1010	Level 00		1	2110	
99	Doors_ExtSgl_w-Glazing_Bars_2: UoS_ExtSgl_Kitchen_810x2110mm	2110	810	Level 00		1	2110	
100	Doors_ExtDbli_w-Glazing_Bars_1: UoS_Door_ExtDbli_1810x2110mm	2110	1810	Level 00		1	2110	
101	Doors_IntSgl: UoS_Door_IntSgl_850x2110mm	2110	850	Level 00		8	2110	SCDoors
102	Doors_IntSgl: UoS_Door_IntSgl_750x2110mm	2110	750	Level 00		2	2110	SCDoors

Grand total: 20

Room Schedule					
Number	Name	Level	Count	Perimeter	Area
00-RM-001	Foyer	Level 00	1	7000	3 m <sup>2</sup>
00-RM-002	Storage Area	Level 00	1	4553	1 m <sup>2</sup>
00-RM-003	Living Room	Level 00	1	18830	19 m <sup>2</sup>
00-RM-004	Kitchen	Level 00	1	12183	9 m <sup>2</sup>
00-RM-005	Corridor	Level 00	1	12523	7 m <sup>2</sup>
00-RM-006	Storage Area	Level 00	1	3753	1 m <sup>2</sup>
00-RM-007	Dining Hall	Level 00	1	10530	7 m <sup>2</sup>
00-RM-008	Corridor	Level 00	1	5180	2 m <sup>2</sup>
00-RM-009	Bathroom	Level 00	1	8913	5 m <sup>2</sup>
00-RM-011	Master Bedroom	Level 00	1	16270	14 m <sup>2</sup>

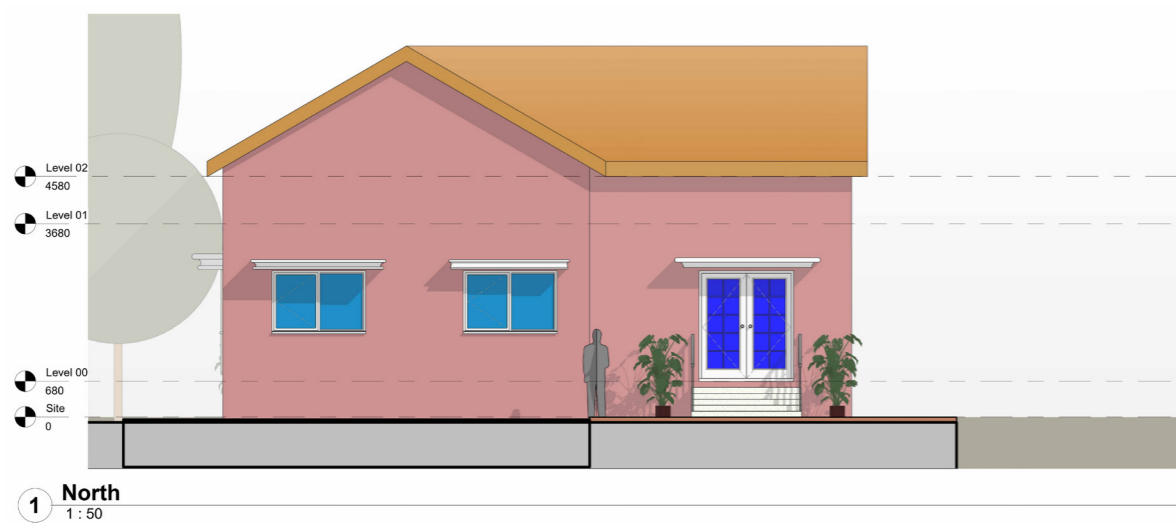
Room Schedule					
Number	Name	Level	Count	Perimeter	Area
00-RM-010	Walk-in-Closet	Level 00	1	5990	2 m <sup>2</sup>
00-RM-012	Bedroom	Level 00	1	13343	9 m <sup>2</sup>
00-RM-013	Walk-in-Closet	Level 00	1	4379	1 m <sup>2</sup>
00-RM-014	Corridor	Level 00	1	6423	2 m <sup>2</sup>
00-RM-015	Study Room	Level 00	1	12914	10 m <sup>2</sup>
00-RM-017	Living Room	Level 00	1	17228	15 m <sup>2</sup>
00-RM-018	Walk-in-Closet	Level 00	1	4692	1 m <sup>2</sup>
00-RM-016	Walk-in-Closet	Level 00	1	4862	1 m <sup>2</sup>

View List					
View Name	Title on Sheet	Scale Value	1:	Sheet Number	Family and Type
North		50		A105	Elevation: 12mm Circle
East		50		A105	Elevation: 12mm Circle
South		50		A105	Elevation: 12mm Circle
West		50		A105	Elevation: 12mm Circle
Site		50			Floor Plan: Floor Plan
{3D}		50			3D View: 3D View
Level 00		25			Floor Plan: Floor Plan
Level 00		100			Ceiling Plan: Ceiling Plan
Starting View		50			3D View: 3D View
Level 02		50			Floor Plan: Floor Plan
Level 02		50			Ceiling Plan: Ceiling Plan

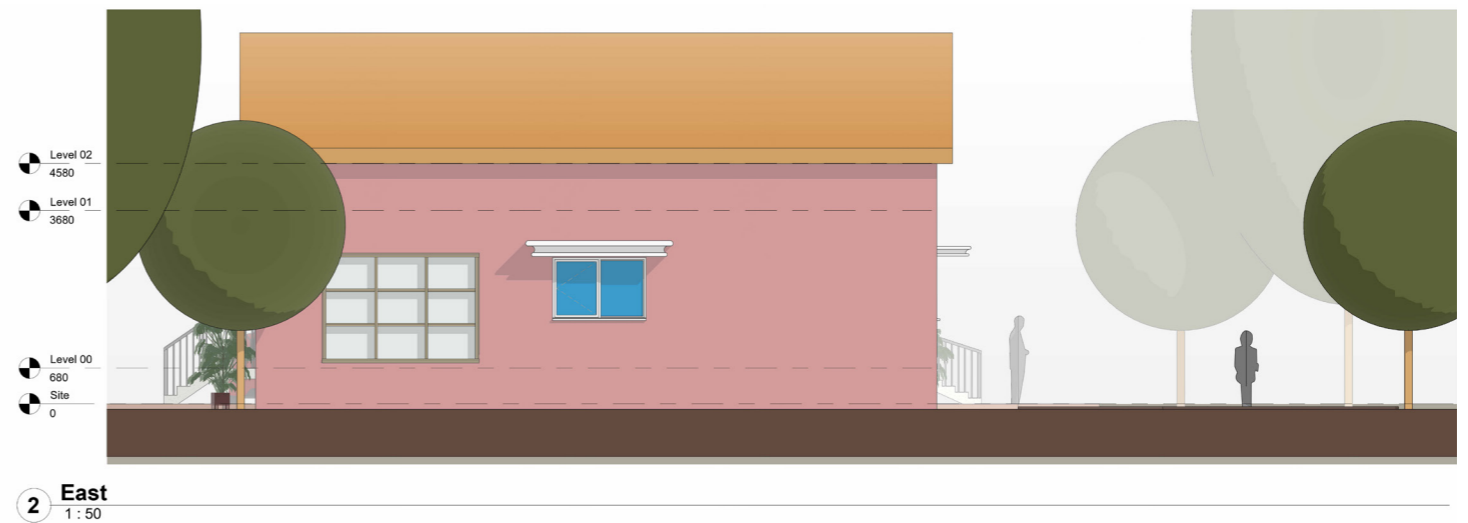
View List					
View Name	Title on Sheet	Scale Value	1:	Sheet Number	Family and Type
Level 02		50			Structural Plan: Structural Plan
Level 01		50			Floor Plan: Floor Plan
Level 01		50			Ceiling Plan: Ceiling Plan
Level 01		50			Structural Plan: Structural Plan
Section 1		50		A103	Section: Building Section
Section 2		50		A103	Section: Building Section
Room Legends		25			Floor Plan: Floor Plan
Level 00 Plan Only		50		A101	Floor Plan: Floor Plan
KeyPlan		250		A101	Floor Plan: Floor Plan

Window Schedule							
Family	Family and Type	Height	Width	Level	Sill Height	Count	Cost
Windows_Concept_Plain_Dbl	Windows_Concept_Plain_Dbl: UoS_Win_1790x1200mm	1200	1790	Level 00	910	1	600.00
Windows_Concept_Plain_Dbl	Windows_Concept_Plain_Dbl: UoS_Win_1790x1200mm	1200	1790	Level 00	910	1	600.00
Windows_Concept_Plain_Dbl	Windows_Concept_Plain_Dbl: UoS_Win_1790x1200mm	1200	1790	Level 00	910	1	600.00
Windows_Concept_Plain_Dbl	Windows_Concept_Plain_Dbl: UoS_Win_1790x1200mm	1200	1790	Level 00	910	1	600.00
Windows_Concept_Plain_Dbl	Windows_Concept_Plain_Dbl: UoS_Win_1790x1200mm	1200	1790	Level 00	910	1	600.00
Windows_Concept_Plain_Dbl	Windows_Concept_Plain_Dbl: UoS_Win_1790x1200mm	1200	1790	Level 00	910	1	600.00

Windows, Rooms and Door Schedules.



North Elevation.



East Elevation.



Tools Used :  
Rhino, Lumion 8

# 04

## AEROVIA NEXUS

Year : 2022

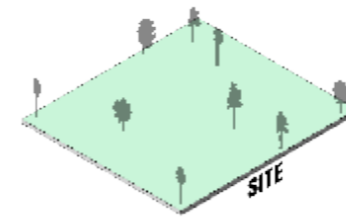
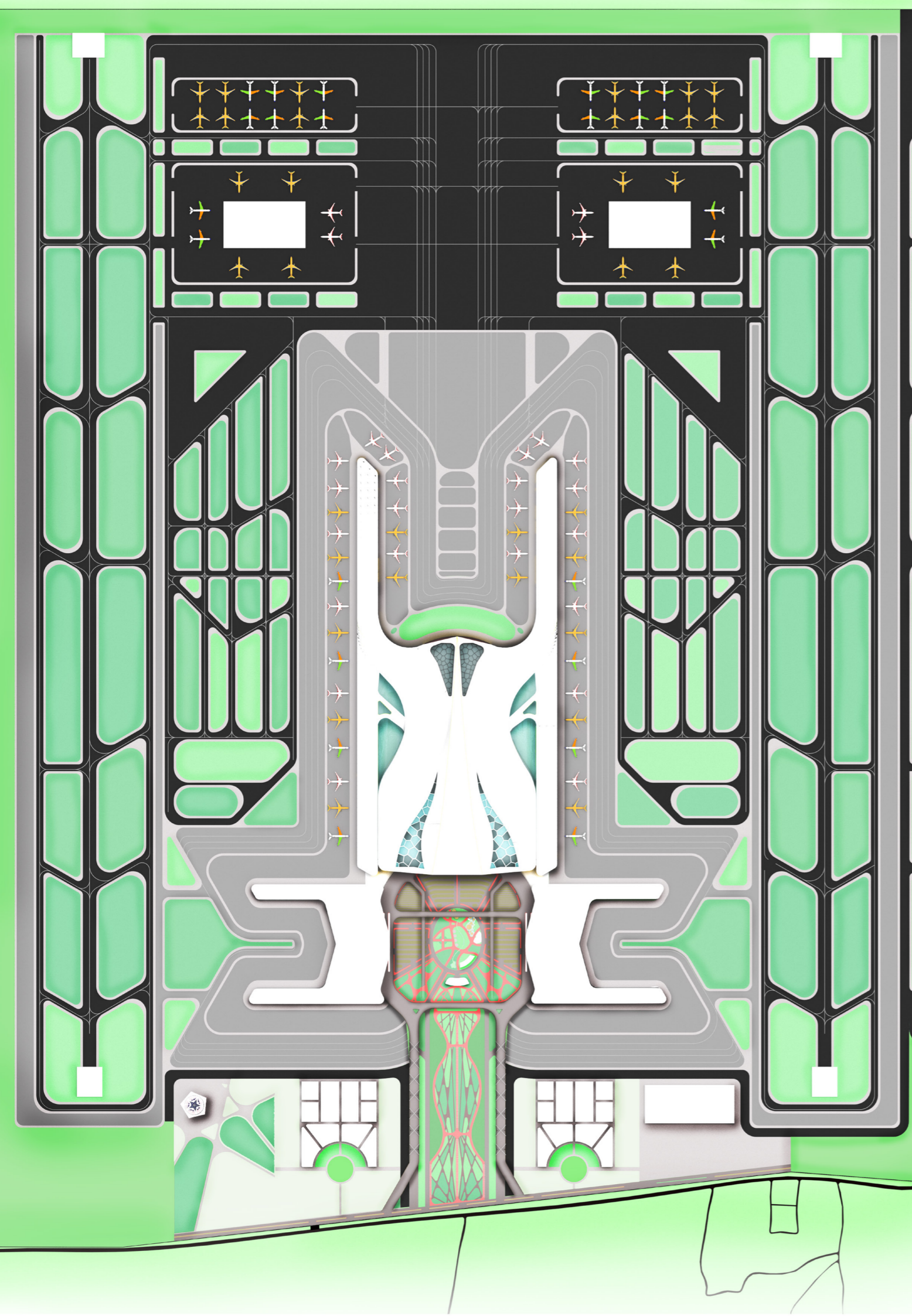
Semester : 9

Typology : Transportation and Infrastructure

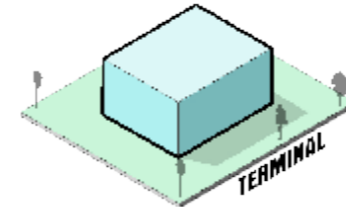
Location : Chennai, India.

The Greenfield Airport in Pannur is proposed to address Chennai's rising air traffic demands, as the existing airport has reached capacity and cannot expand further due to urban constraints. Pannur offers ample space, better connectivity, and opportunities for sustainable infrastructure.

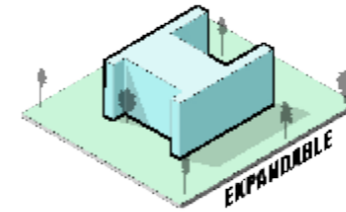
This project aims to decongest Chennai, boost regional connectivity, and support economic growth, ensuring the city's long-term aviation and development needs are met.



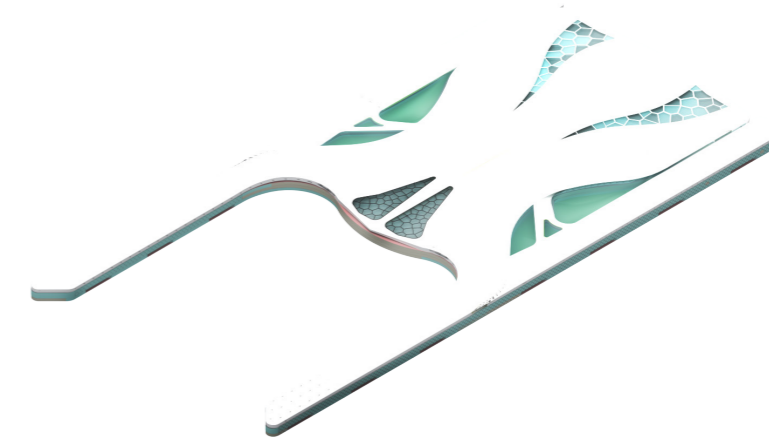
The site establishes the foundation, responding to natural context, orientation, and topography, laying the groundwork for an integrated architectural response.



A pure volumetric form is introduced, reflecting a functional program and maximizing efficiency while aligning with the site's geometry.



The form is sculpted to introduce circulation flows, optimize natural light penetration, and create a dynamic interface between interior and exterior spaces.

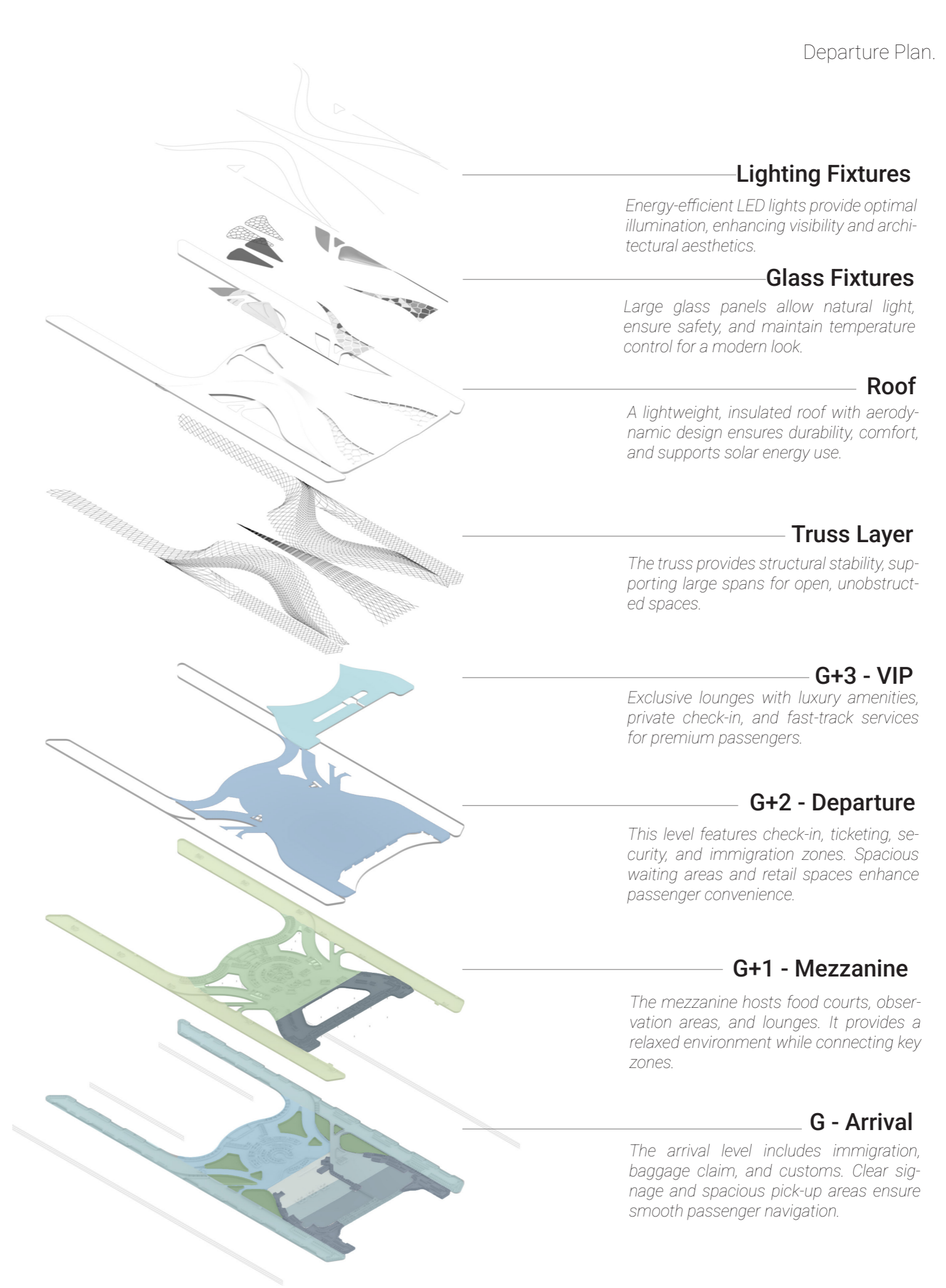
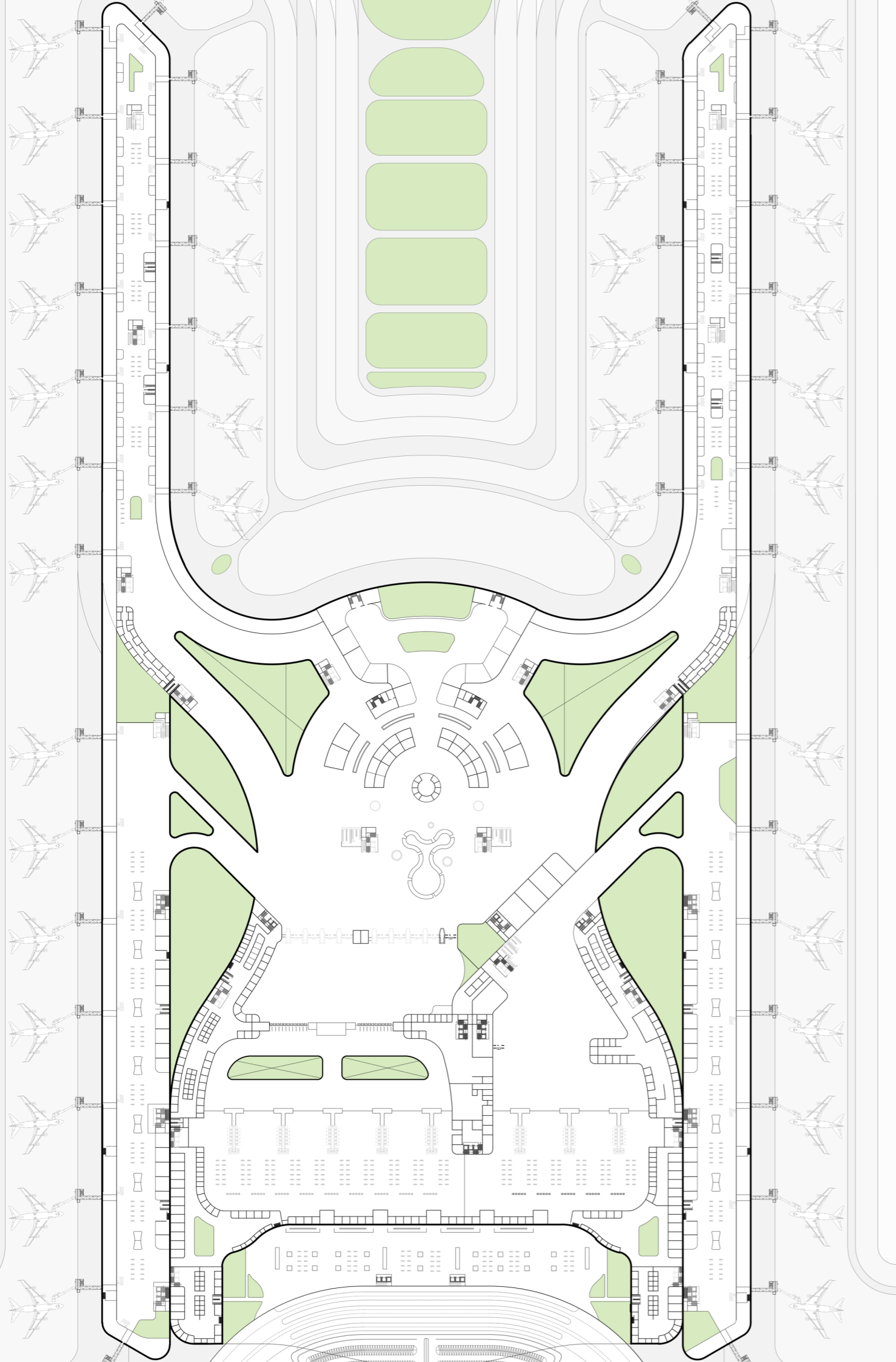


The airport design is inspired by a balance of functionality and aesthetics, with a form derived from fluid, aerodynamic shapes symbolizing movement and connectivity.

The structure incorporates a steel framework for durability and flexibility, complemented by large-span roofs and glass facades to allow natural light and create a sense of openness.



Tools Used :  
Rhino, Lumion 8



**Lighting Fixtures**

Energy-efficient LED lights provide optimal illumination, enhancing visibility and architectural aesthetics.

**Glass Fixtures**

Large glass panels allow natural light, ensure safety, and maintain temperature control for a modern look.

**Roof**

A lightweight, insulated roof with aerodynamic design ensures durability, comfort, and supports solar energy use.

**Truss Layer**

The truss provides structural stability, supporting large spans for open, unobstructed spaces.

**G+3 - VIP**

Exclusive lounges with luxury amenities, private check-in, and fast-track services for premium passengers.

**G+2 - Departure**

This level features check-in, ticketing, security, and immigration zones. Spacious waiting areas and retail spaces enhance passenger convenience.

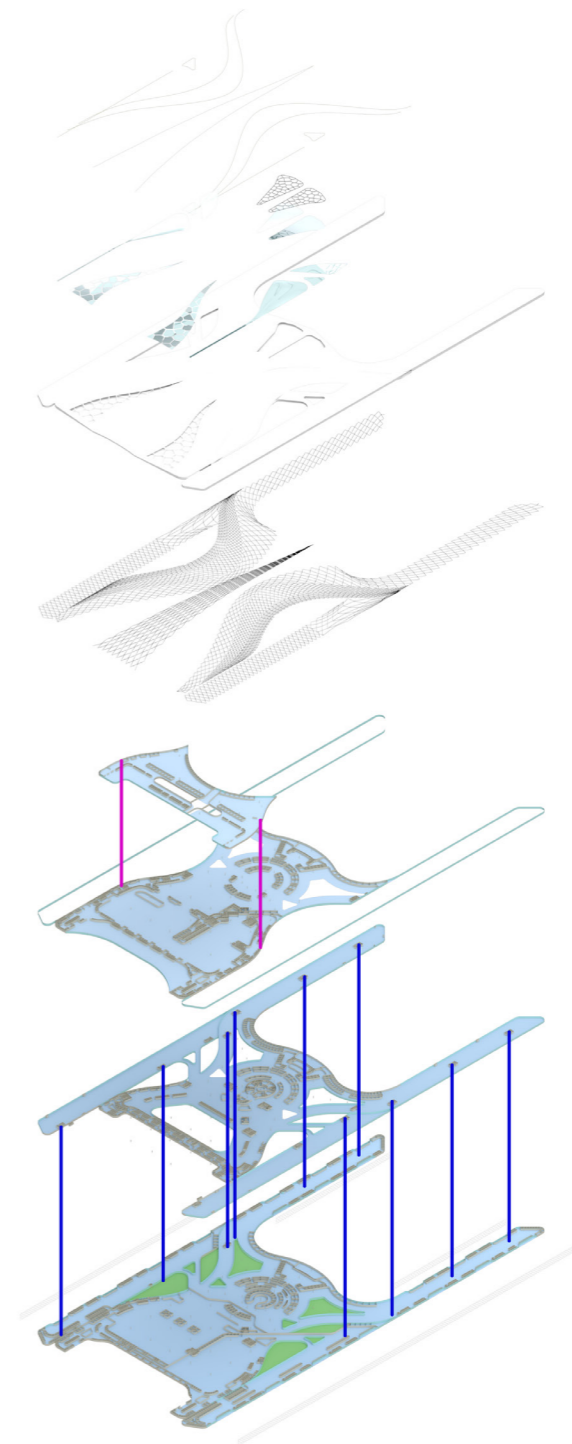
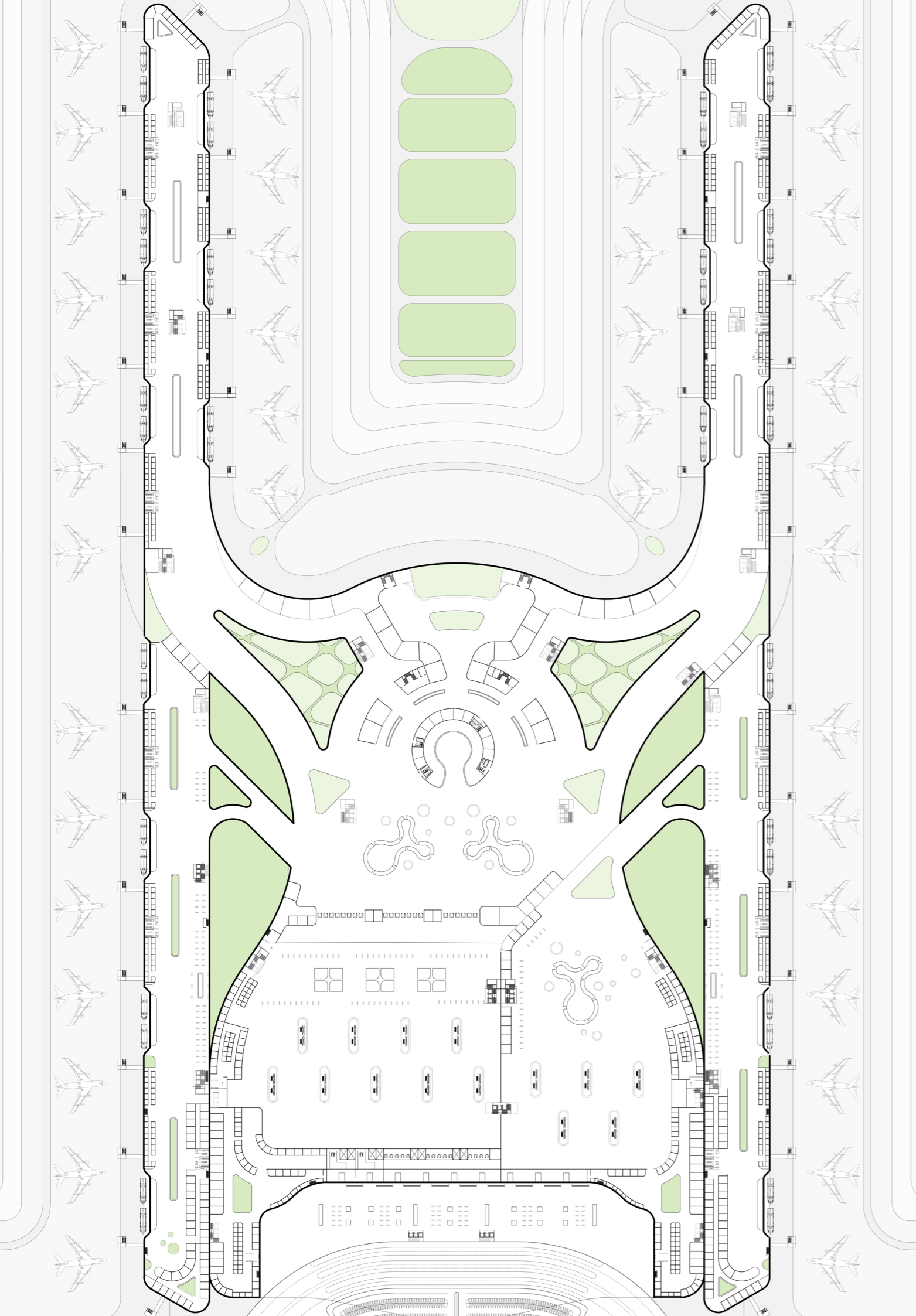
**G+1 - Mezzanine**

The mezzanine hosts food courts, observation areas, and lounges. It provides a relaxed environment while connecting key zones.

**G - Arrival**

The arrival level includes immigration, baggage claim, and customs. Clear signage and spacious pick-up areas ensure smooth passenger navigation.

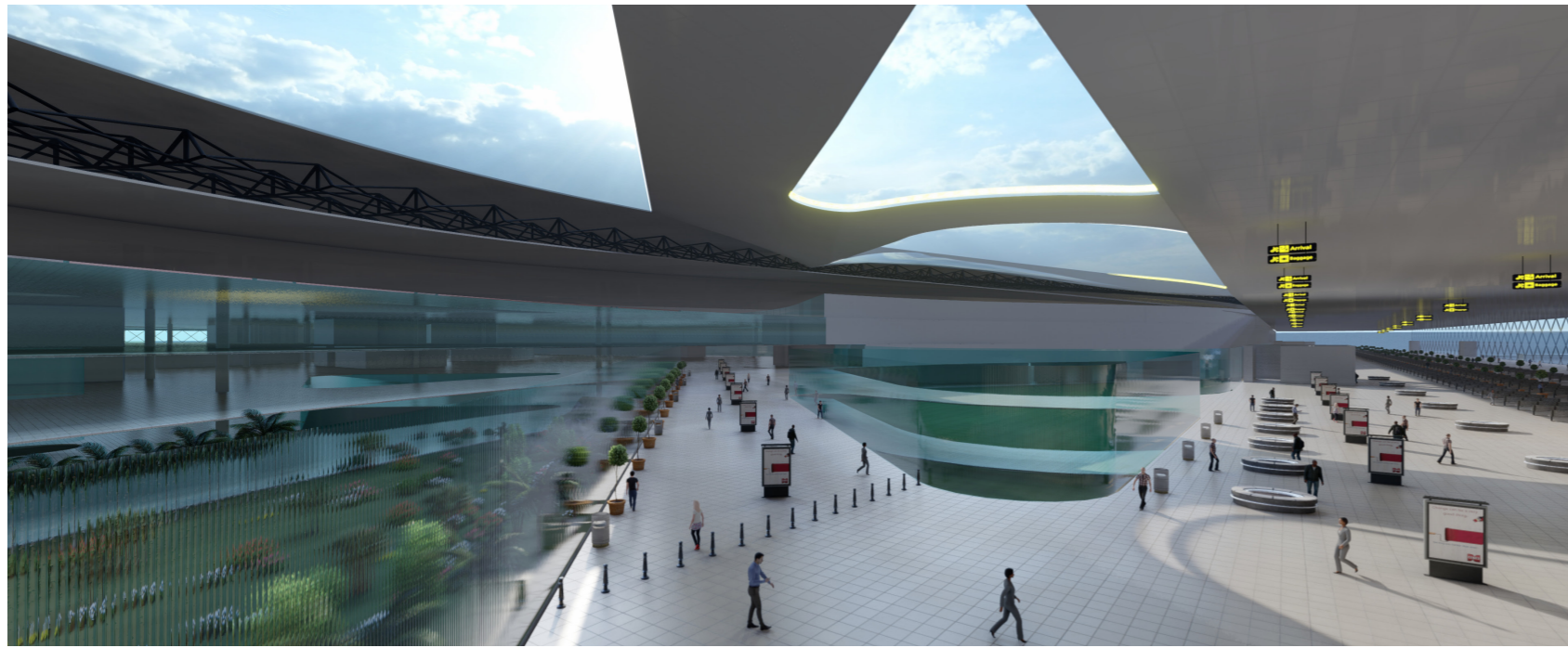
Exploded View of International Terminal.



*Circulation Plan.*

In the case study phase, I thoroughly researched existing airport designs to understand how architectural form and functional planning impact operational efficiency and passenger experience. This research informed the design of my airport, which emphasizes aerodynamic curves to optimize air flow and reduce wind resistance around the structure. The smooth, flowing shapes not only enhance the building's performance but also create a sleek, modern aesthetic. Additionally, carefully planned lighting was integrated to accentuate these curves, improve visibility, and foster an inviting atmosphere for travelers at all times of day.

Due to the scope and timeframe of this project, the focus remained primarily on the overall airport planning and architectural form, with interior design aspects left for future development. The complexity and scale of airport interiors require detailed user experience studies and specialized design efforts, which were beyond the current phase's capacity. Prioritizing site layout, traffic flow, and aerodynamic building design ensured a strong foundation for future interior enhancements while addressing key functional and environmental factors upfront.



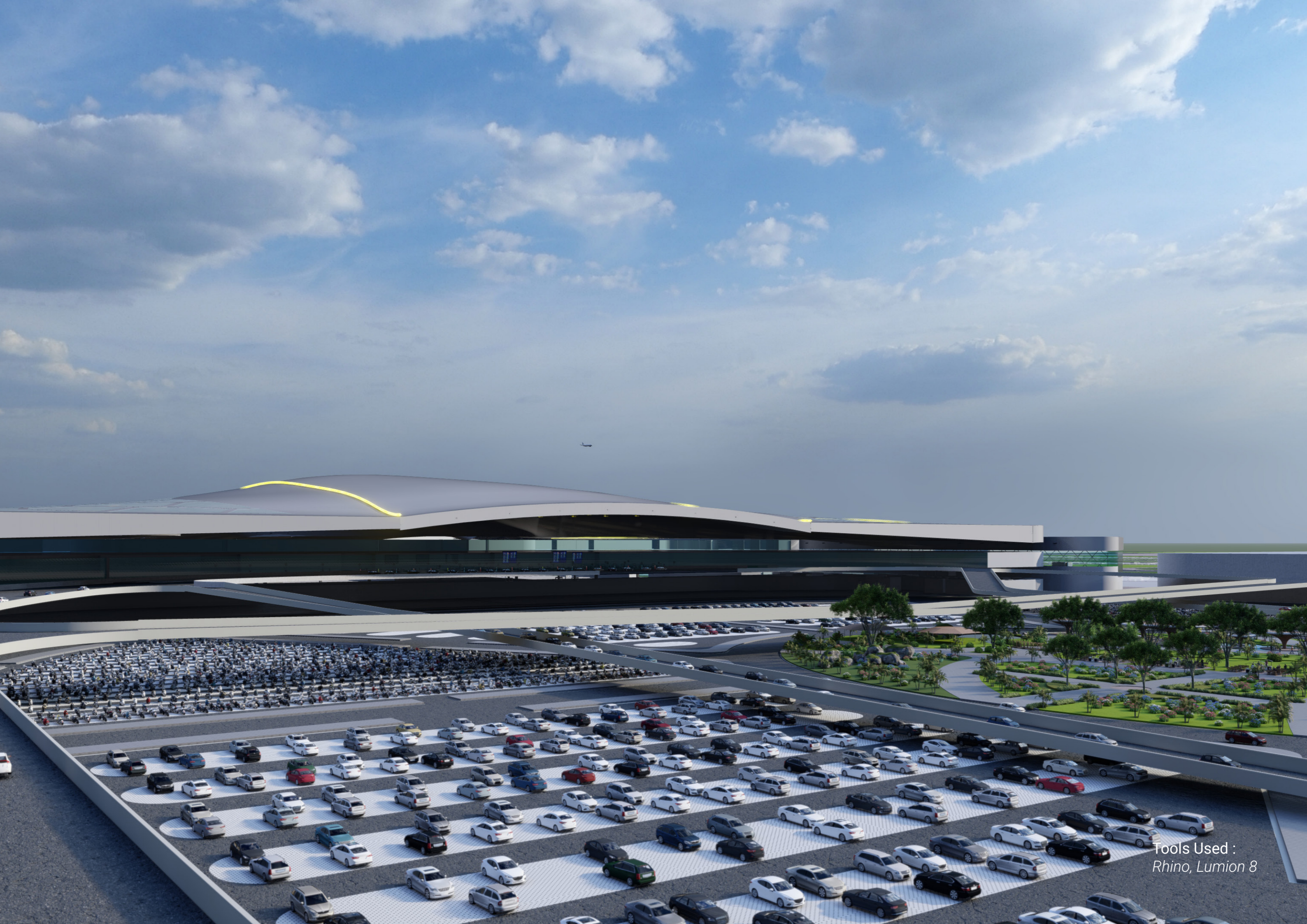
## A MODERN GATEWAY: DESIGNED FOR EFFICIENCY AND SUSTAINABILITY

The airport is designed to handle a capacity of **30 million passengers annually**, with the ability to accommodate **12,000 passengers** during peak hours. It supports **500 daily flight operations**, with multiple gates and runways ensuring seamless connectivity for domestic and international flights. The terminal houses **70 offices** for airline operations, airport management, and other support services, alongside **100 retail outlets and 30 dining spaces**, offering a well-rounded experience for travelers.

Sustainable features such as solar panels, green roofs, and rainwater harvesting systems are integrated to minimize environmental impact. Additionally, the airport provides parking for **10,000 vehicles** and boasts efficient cargo handling facilities capable of processing **600,000 tons of cargo annually**, making it a hub for both passenger and logistics services.



Tools Used :  
Rhino; Lumion 8



Tools Used :  
Rhino, Lumion 8

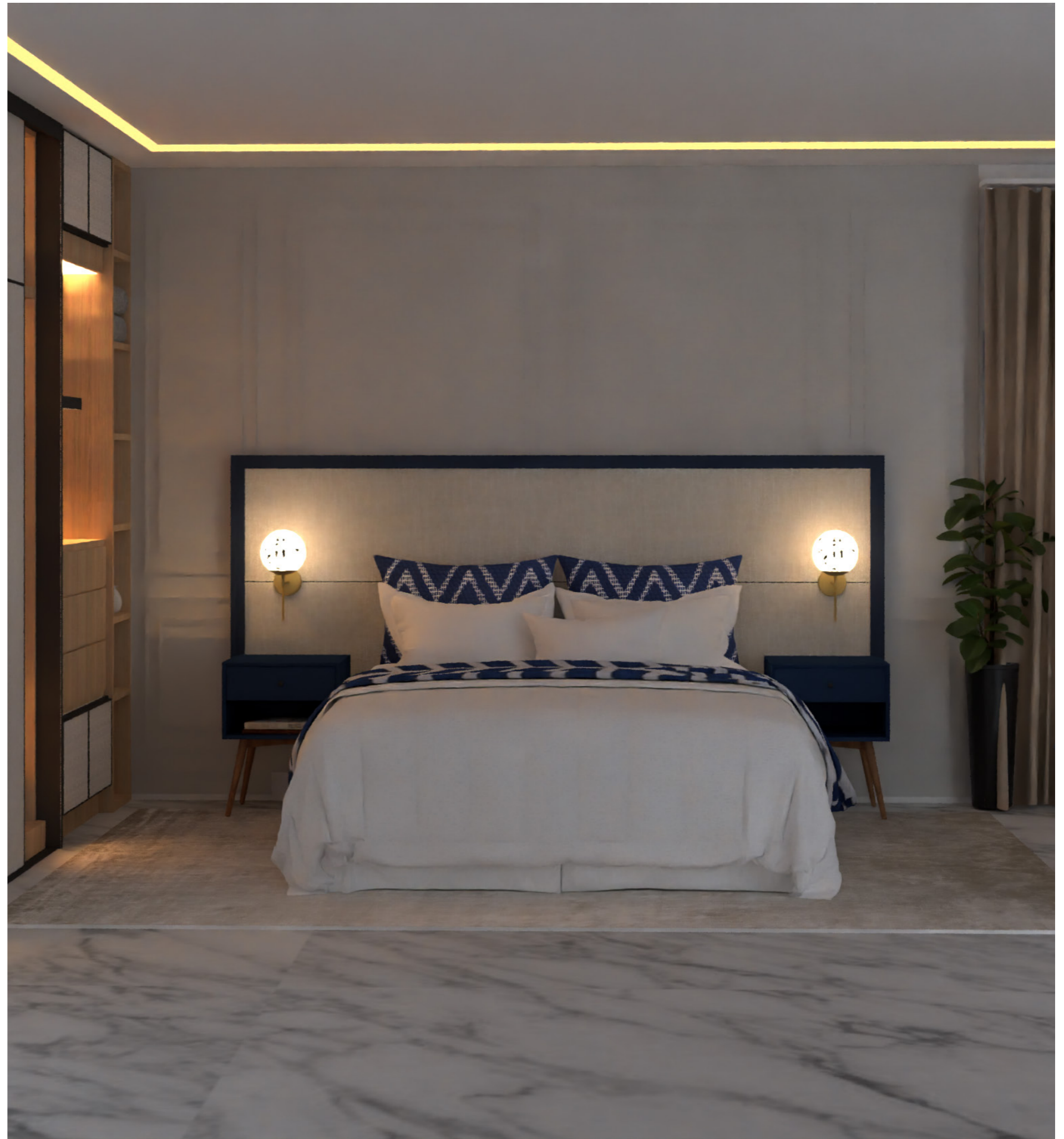
# 05

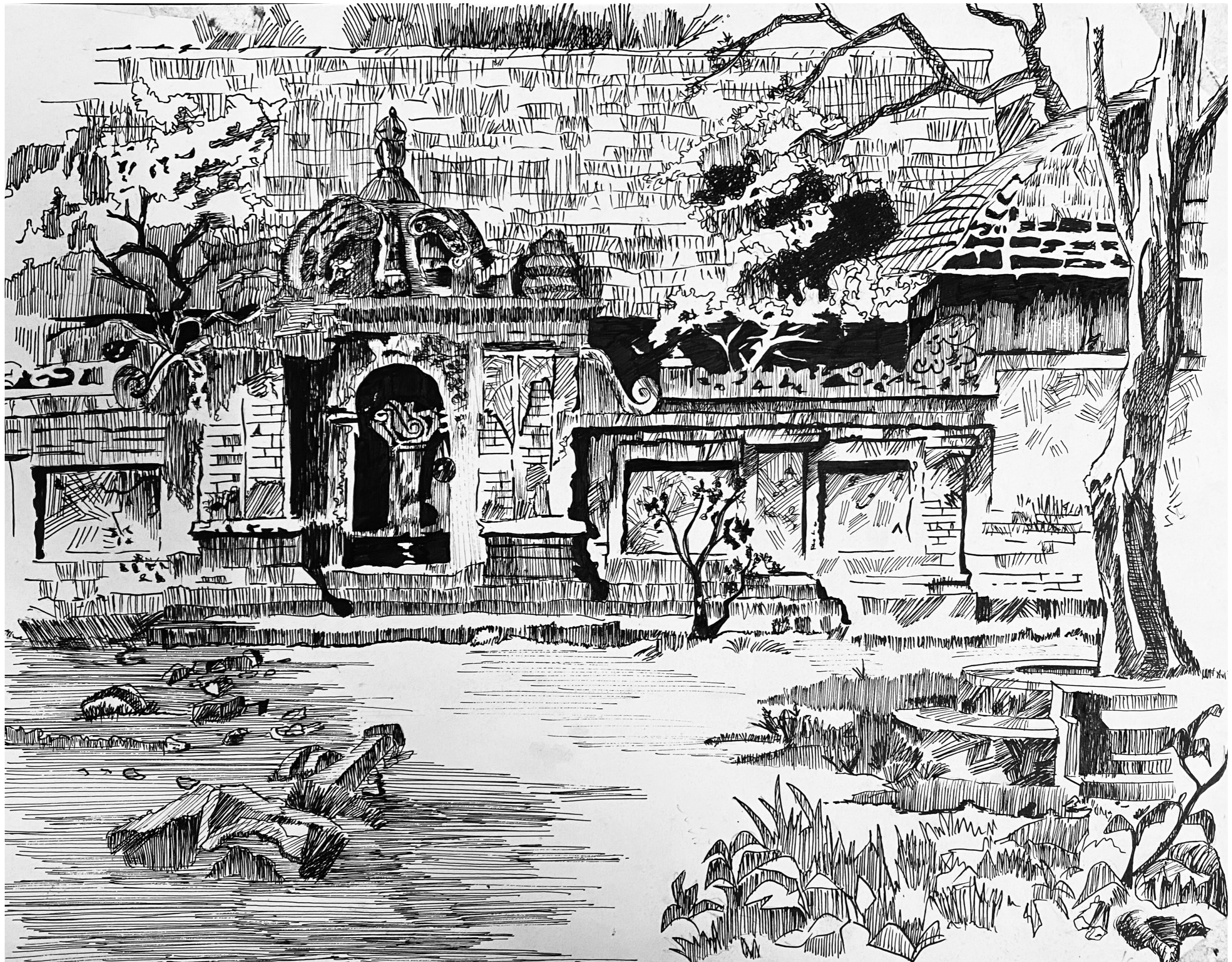
## VISUALIZATION & CREATIVE WORKS

Year : 2018 - 2024  
Typology : Sketchings

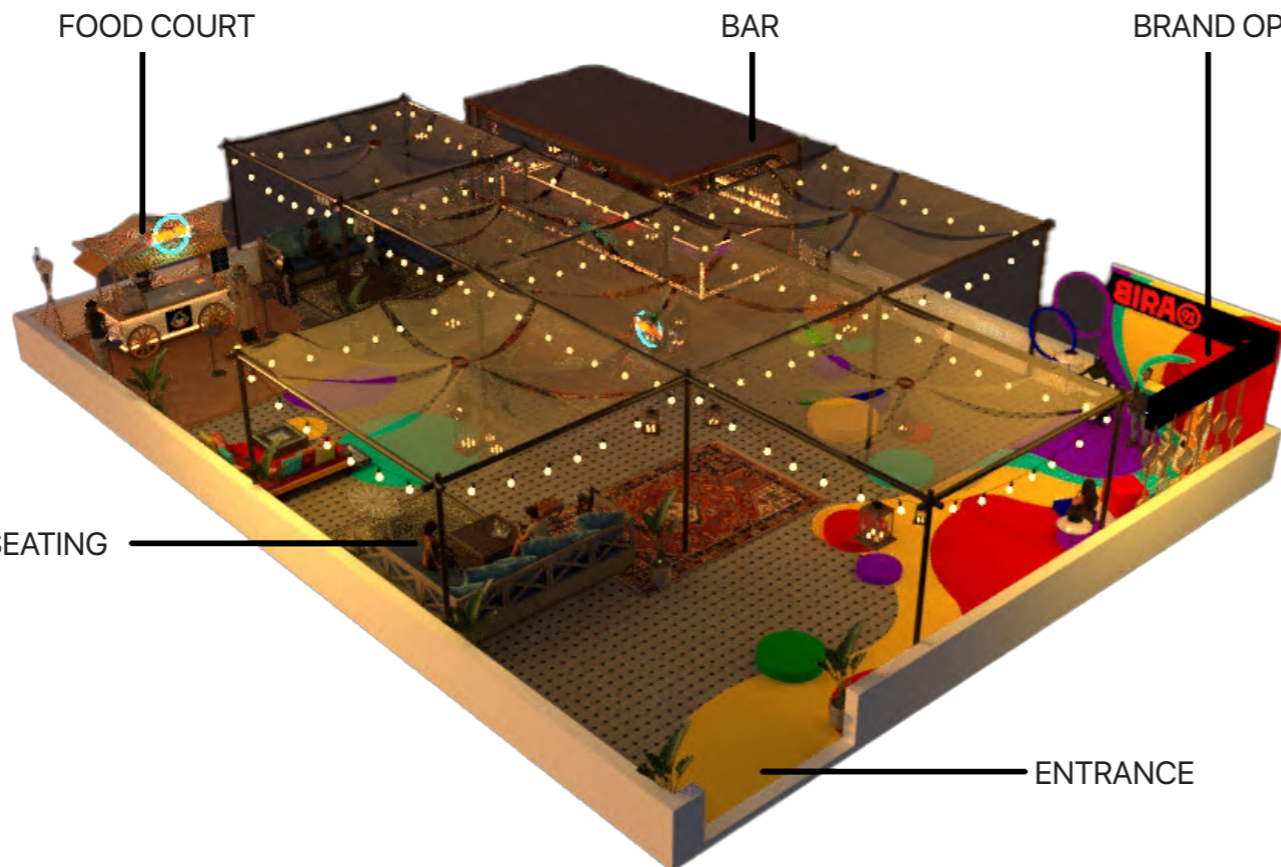
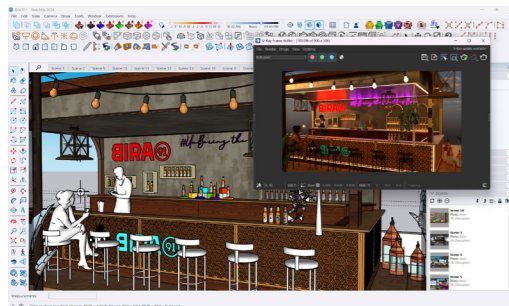
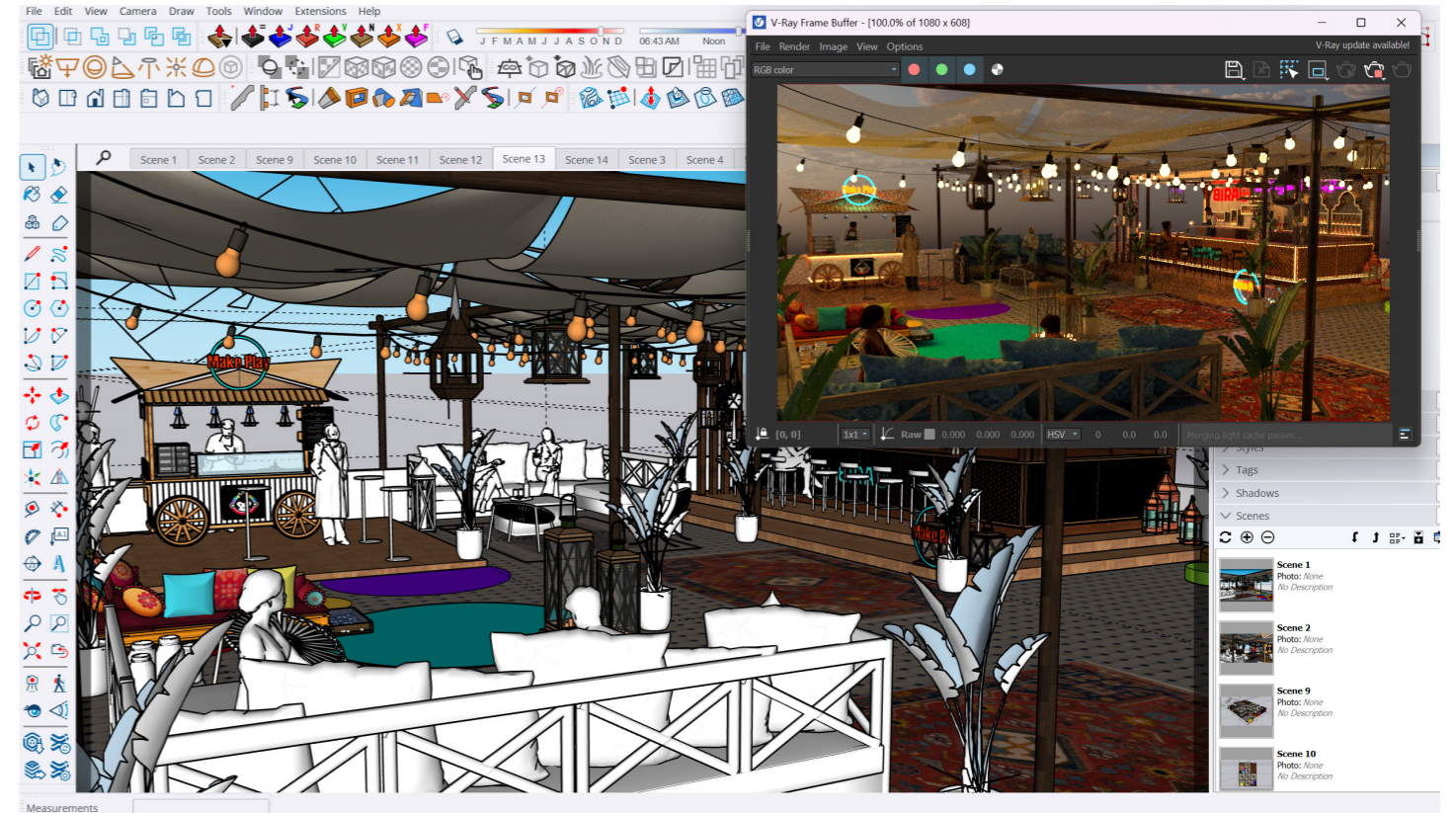
This collection reflects my deep passion for sketching, bringing architectural landmarks to life through intricate hand-drawn art. Each sketch captures the essence and character of structures, focusing on fine details, light, and perspective. From historic monuments to contemporary designs, my work highlights the beauty of architecture through the lens of traditional sketching techniques.

This body of work showcases my dedication to storytelling and my love for observing and portraying the built environment with precision and artistic expression.





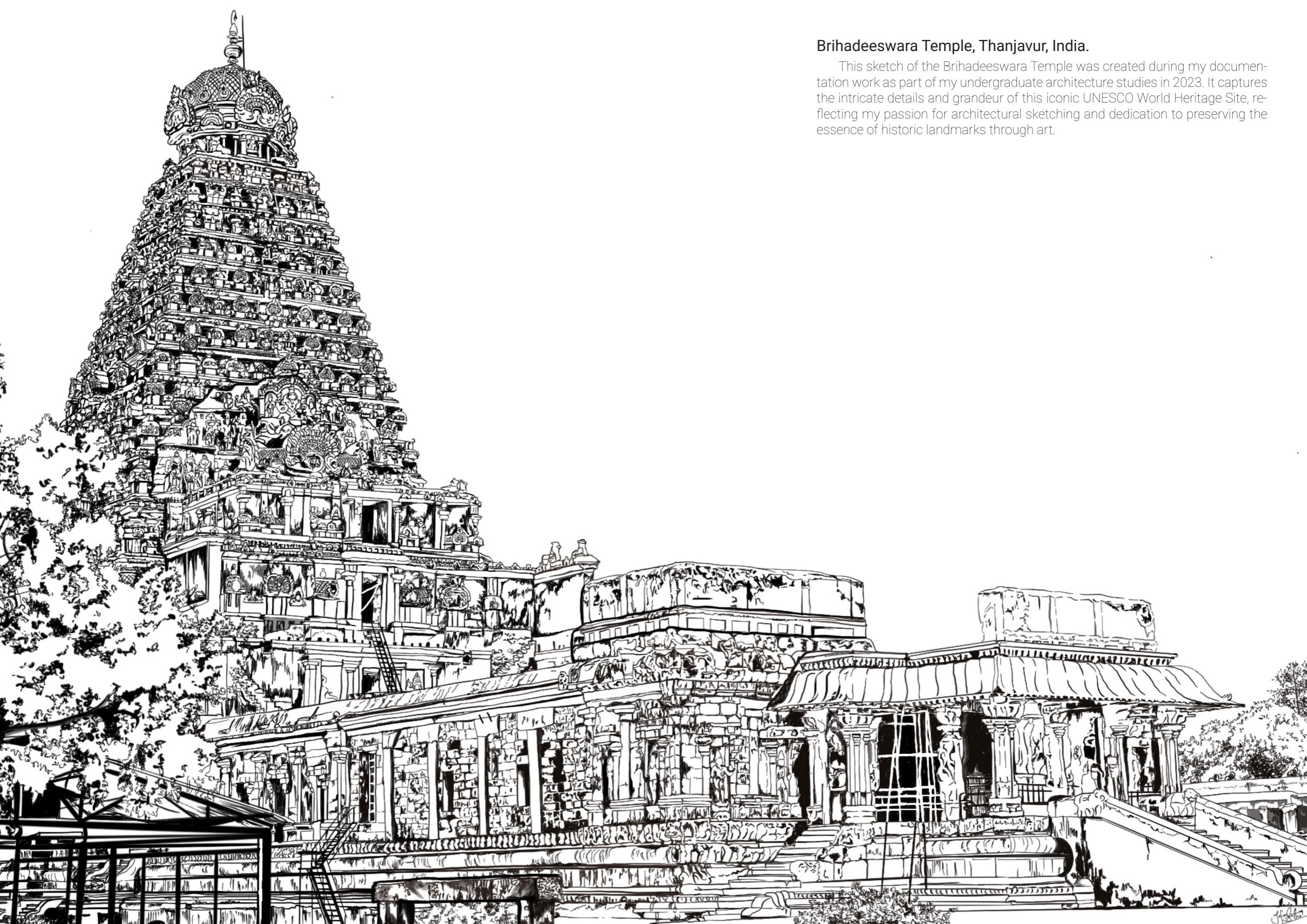
# BIRA 91 - ROOF TOP CAMPAIGN



I immersed myself in Bira 91's brand identity and developed a rooftop concept blending contemporary Indian culture with craft beer and elevated street food. I planned the space for 50–60 guests, designed key features like the Indian-style food cart, cultural-meets-modern bar, and AR photo-op, and brought it to life with vibrant lighting, décor, and interactive elements.

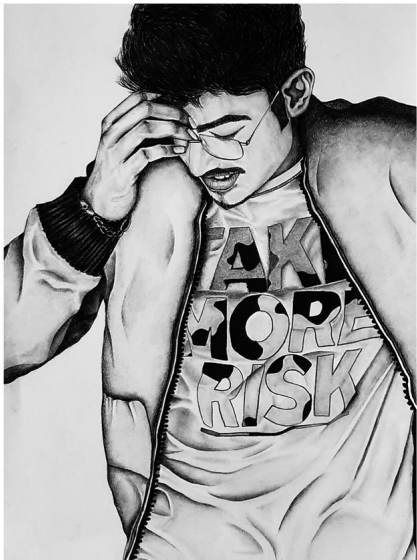
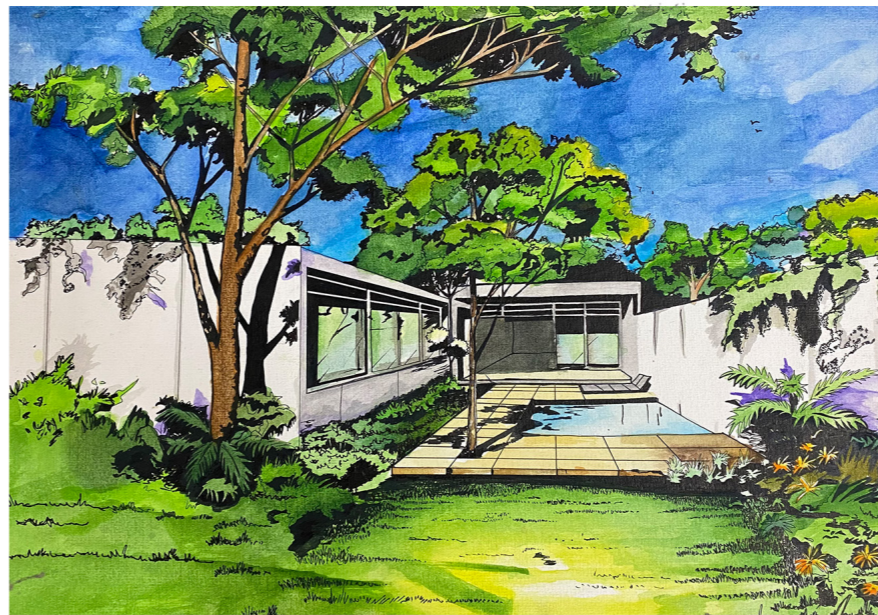
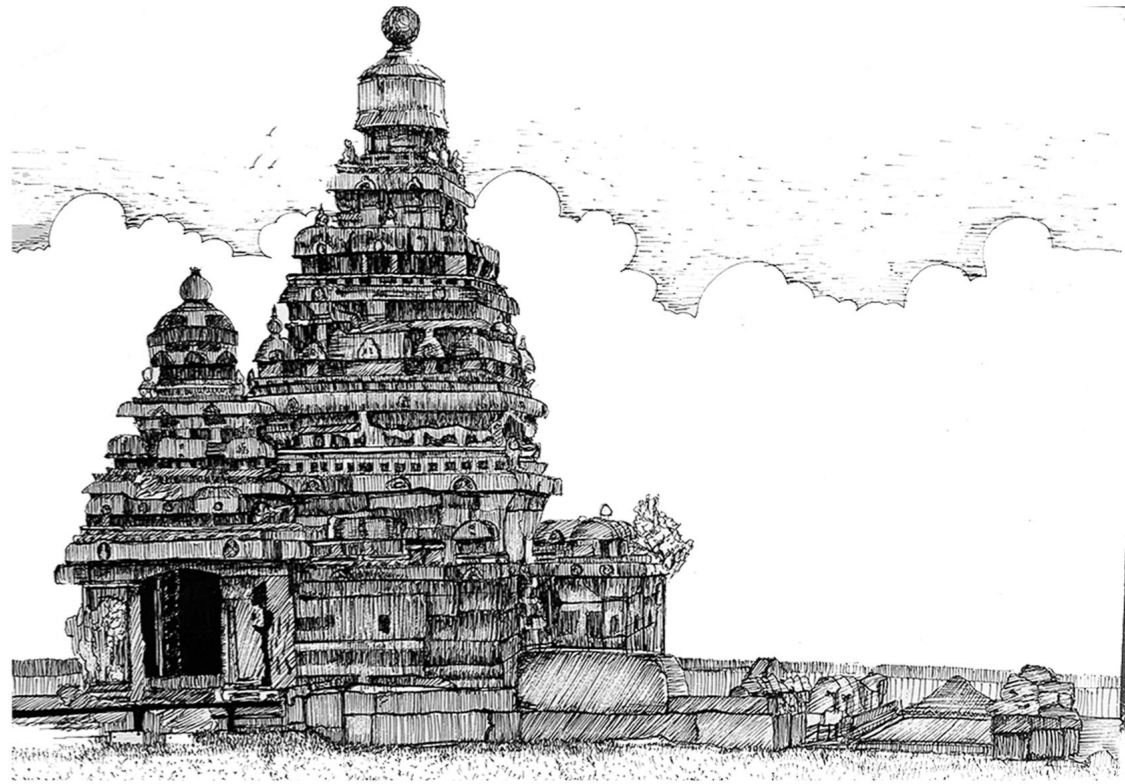
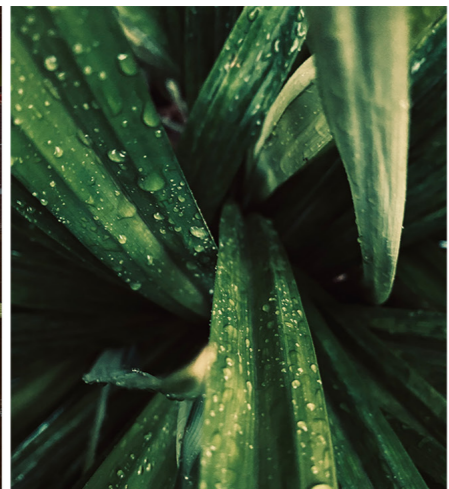
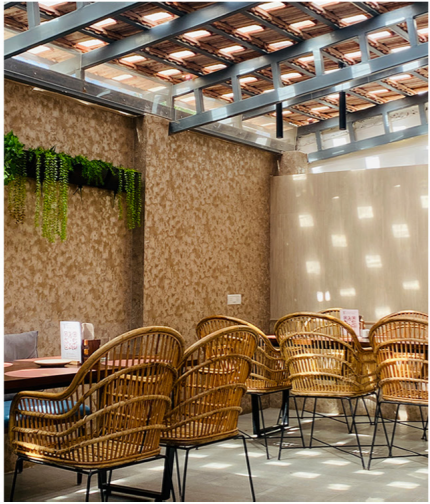
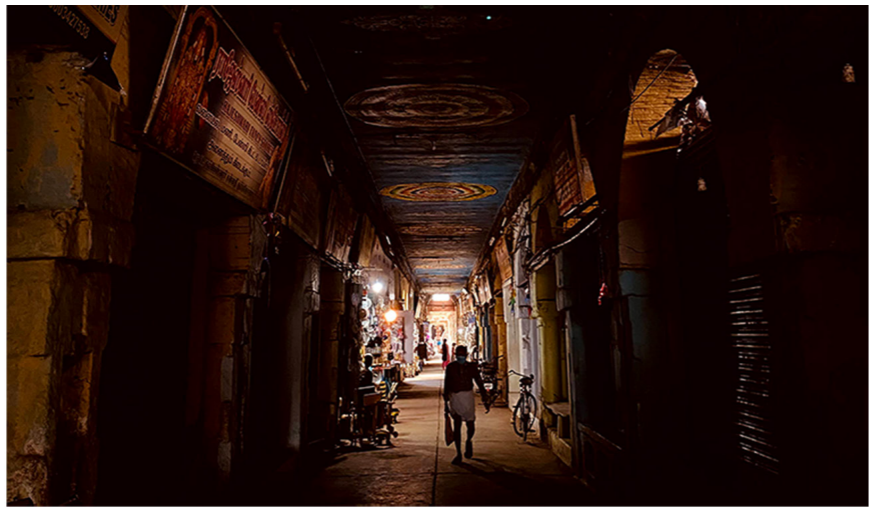
Bira 91 partnered with Pullman Hotel to create an innovative rooftop AR dining experience that showcases the best of contemporary Indian culture through a vibrant fusion of craft beers and elevated street food. The space accommodates 50–60 guests and features a colorful Indian-style pop-up food cart serving bold, flavorful dishes inspired by iconic street food traditions. The bar acts as a striking centerpiece, blending handcrafted Indian cultural elements with Bira 91's playful and youthful brand language—incorporating signature colors, quirky motifs, and dynamic design that reflect the brand's spirit of creativity and fun.

The ambiance is brought to life through warm, inviting fairy lights combined with bold neon accents inspired by Bira 91's colorful flavor rings, creating an immersive and energetic atmosphere. Guests enjoy exclusive access to Bira 91's full range of craft beers, perfectly paired with the rich flavors of Indian street cuisine. Interactive AR elements and a branded photo-op space enhance engagement, establishing the rooftop as a social hub and an Instagrammable destination for both Indian and international foodies seeking a memorable and playful dining adventure.



## Brihadeeswara Temple, Thanjavur, India.

This sketch of the Brihadeeswara Temple was created during my documentation work as part of my undergraduate architecture studies in 2023. It captures the intricate details and grandeur of this iconic UNESCO World Heritage Site, reflecting my passion for architectural sketching and dedication to preserving the essence of historic landmarks through art.



**JAFRIN SURETHA SURESH**

**in** [www.linkedin.com/in/jafrinsuresh](http://www.linkedin.com/in/jafrinsuresh)

☎ +44 7586392913

✉ ar.jafrin.suresh@gmail.com

📍 London, United Kingdom

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