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This portfolio has been compiled
by **Adi - Advaita Kelkar**
for **Summer Internship 2025**

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The curated projects try to focus the diversity of work and the systematic processes.

/ Experimental Collaborative work on www.archv.in ↗ and [@archv](https://twitter.com/archv) ↗

/ Animal Welfare www.theinitiative.life ↗

/ All Computational Work [@raklek_atiavda](https://twitter.com/raklek_atiavda) ↗

/ Website (WIP) advaitakelkar.com ↗

Union Pier

Course: **ARCH717 Graduate Studio 01**

Type: **Academic**

Size: **3500 sq.ft**

Location: **Charleston, South Carolina, USA**

Grade: **A (4.00 GPA)**

Professor: **Catalina Pesea Ogletree, PhD**

Subject : **Urban Design and Development**

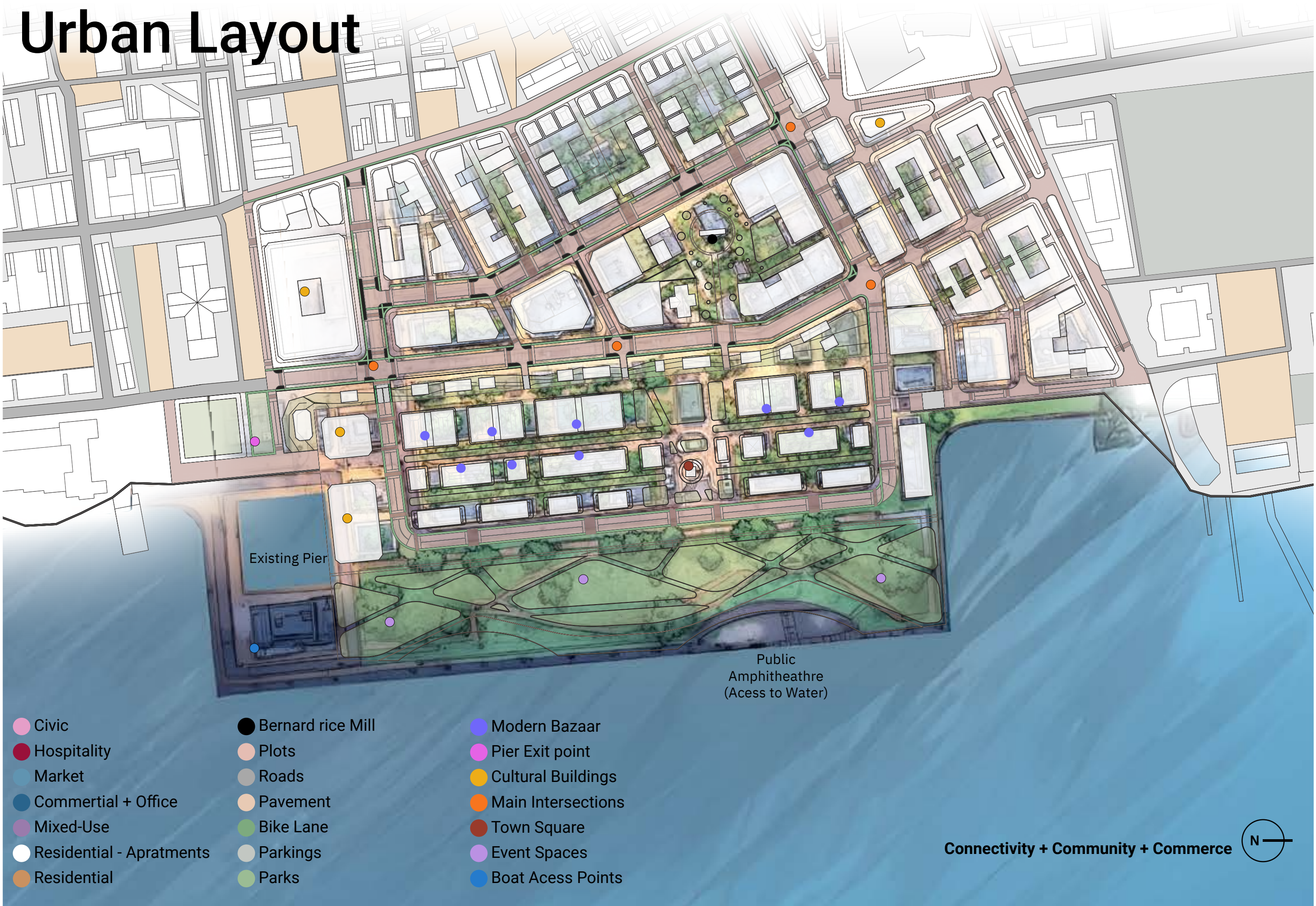
Design: **Advaita Kelkar and Nicholas Mutai**

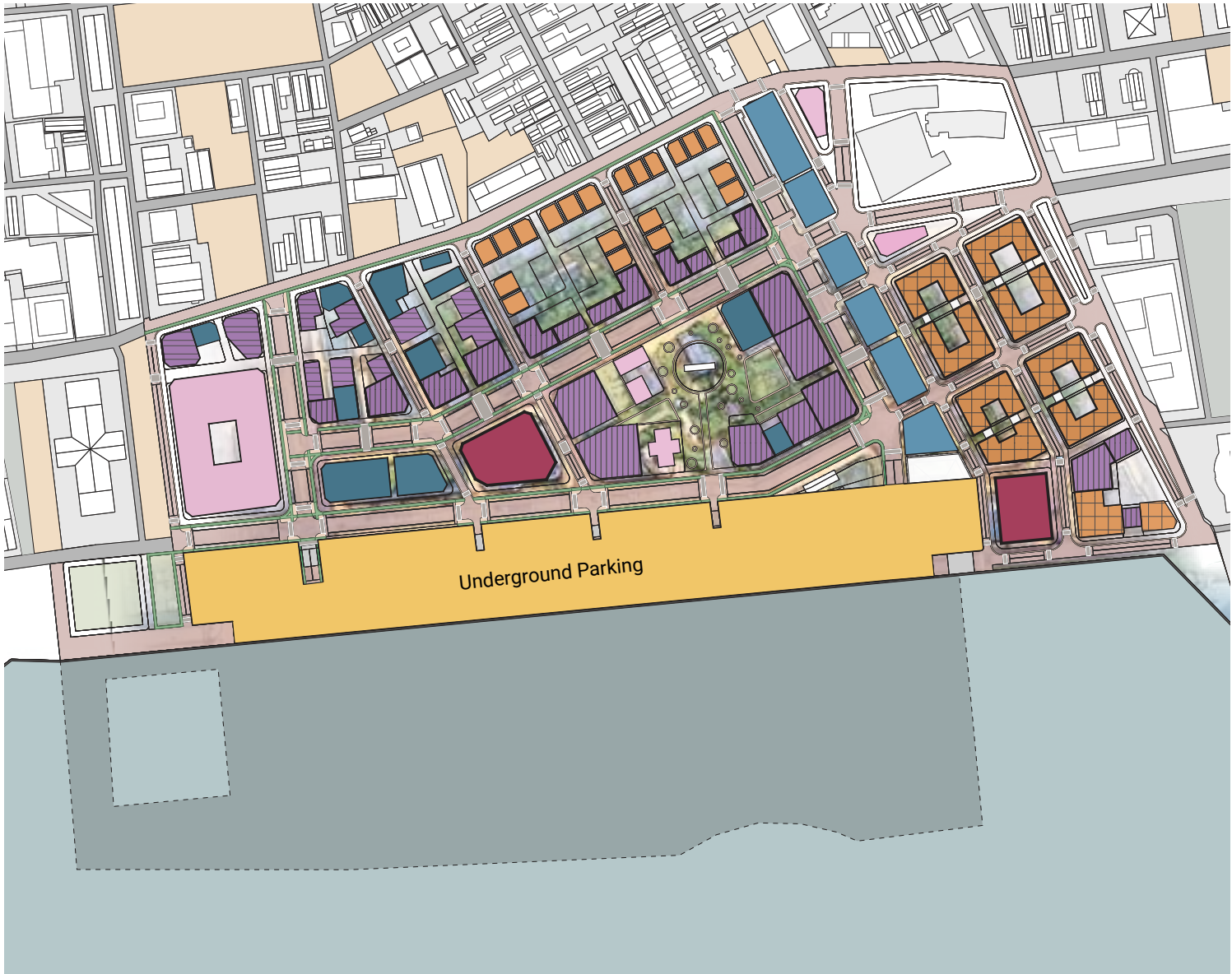
Tasked with developing an urban design proposal for the barren, heavily concreted Union Pier in Charleston, South Carolina, this project aimed to balance modern development with the city's rich historical context. The design process navigated multiple challenges, including heritage integration, alignment with Charleston's urban fabric, and adherence to strict building regulations, all while proposing a livable, future-forward space that enhances community engagement.

A key aspect of the proposal was the integration of the historic Battery Wall, preserving its cultural significance while incorporating it into the site's modern design language. My proposal introduced a semi-basement public parking facility, optimizing land use while ensuring pedestrian-friendly streetscapes. Above it, a modern bazaar activated the waterfront, fostering economic vibrancy. A network of mixed-use structures was envisioned, integrating commercial and public amenities on the lower levels with residences above, creating a harmonious blend of urban living, commerce, and public space. The plan prioritized green spaces, offering much-needed breathing room within the dense urban core, fostering a modern yet contextually sensitive urban environment for Charleston's evolving needs.



Urban Layout





Ground Level Plan with Zoning

NOT TO SCALE

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- Roads
- Pavement
- Bike Lane
- Pedestrian Walkway
- Parkings
- Recreation
- Civic
- Hospitality
- Market
- Commercial + Office
- Mixed-Use - Commercial
- Mixed-Use - Residential
- Mixed-Use
- Residential - Apratments
- Residential

Drawing inspiration from Cerdà’s Barcelona planning, this design adopts a block-based system to create defined central spaces, ensuring a balanced mix of residential and commercial zones while maintaining urban coherence and a sense of community interaction. The plan also incorporates lush green spaces, enhancing the city’s green cover and promoting a healthier, more sustainable urban environment.

Recognizing parking as a crucial element in modern cities, the proposal introduces a multi-purpose parking and service hub near the Battery Wall, optimizing space, enhancing walkability, and reducing unnecessary on-street parking. The layout prioritizes pedestrian-friendly streets, cycling infrastructure, and a health-conscious urban environment, fostering a sustainable and accessible cityscape.

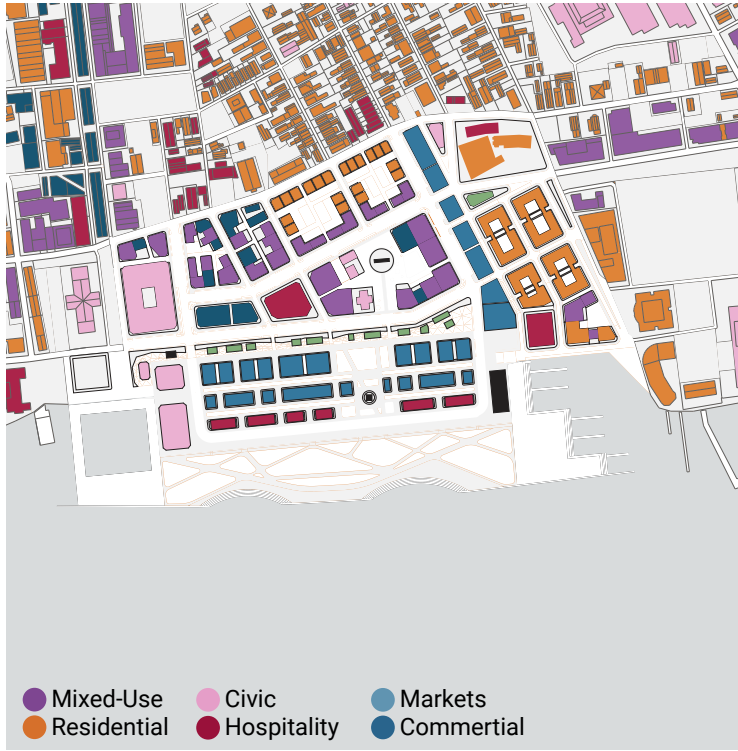




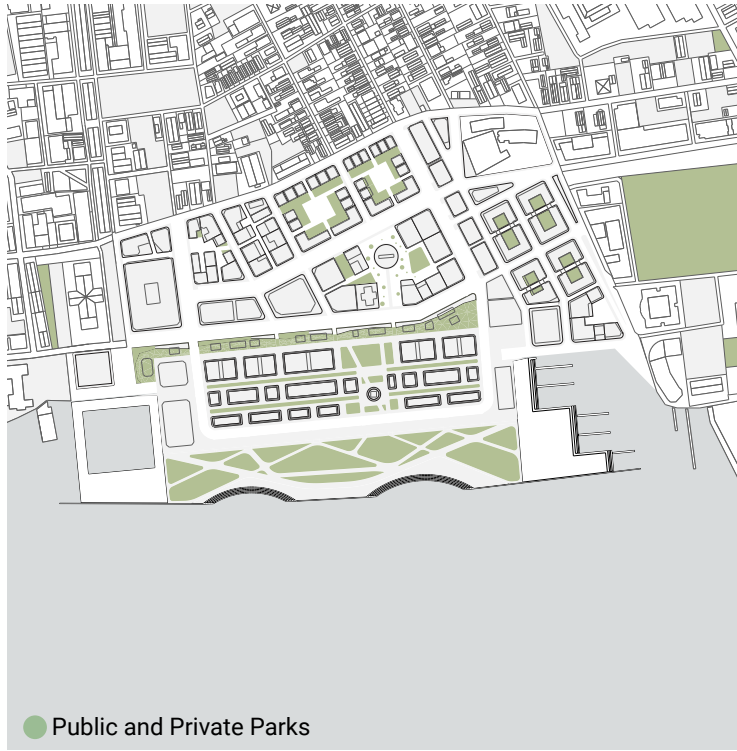
Roads and Blocks



Building Footprint



Building Use



Greens Spaces



Section Through Parking

Seven Garden

Client: **Manan Rathore**

Type: **Residence**

Size: **8500 sq.ft**

Location: **Haribaugh, Jaipur, Rajasthan**

Status: **Complete**

Design: **Samir Raut, Faizan Khatri**

Construction: **Thumbimpressions**

Involment: **Design**

Seven Garden is a four-bedroom country house on a farm in Jaipur, India, inspired by the “Five Garden” pavilion by Samir Raut for the “When is Space?” exhibition at Jawahar Kala Kendra. The design seamlessly integrates gardens into the architecture, redefining the relationship between private and public spaces. Built entirely with rammed earth, the house provides natural insulation and fosters a deep connection with nature. Locally sourced materials and human-scaled spaces create an atmosphere of warmth and tranquility. The interplay of earth and greenery brings a grounded, calming effect to the overall design. As the studio’s first residential project, the design process involved extensive model-making and full-scale mockups, ensuring a thoughtful, context-responsive final outcome that respects its natural surroundings.



Materiality

Rammed Earth Wall with Stone footing with Kota flooring.

Black powder coated MS Doors, windows and ventilators with light weight ACP insulated roof.

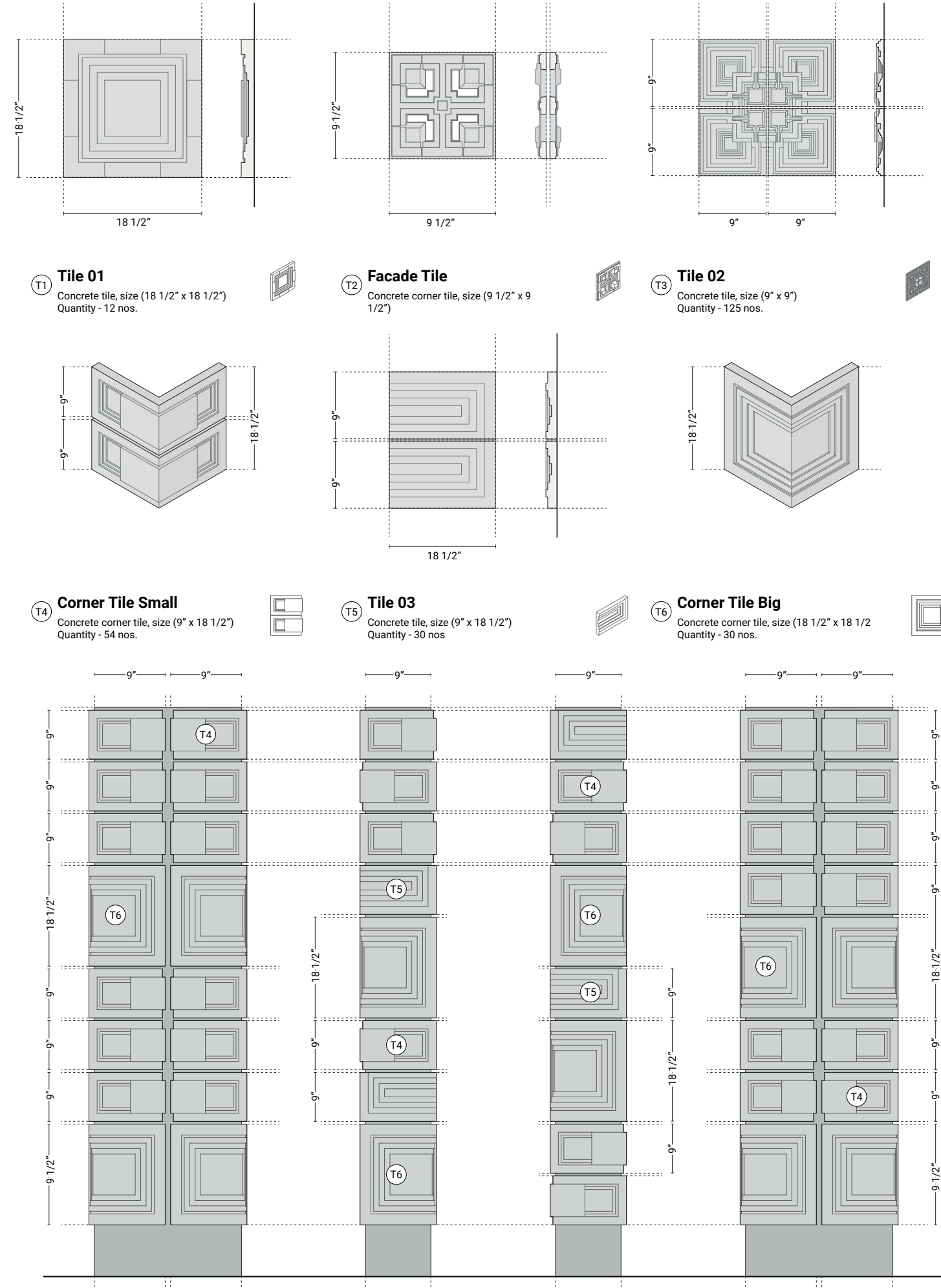


Unplugged

Client: **Anil Khemka**
Type: **Hospitality**
Size: **3500 sq.ft**
Location: **Jamshedpur, Jharkhand**

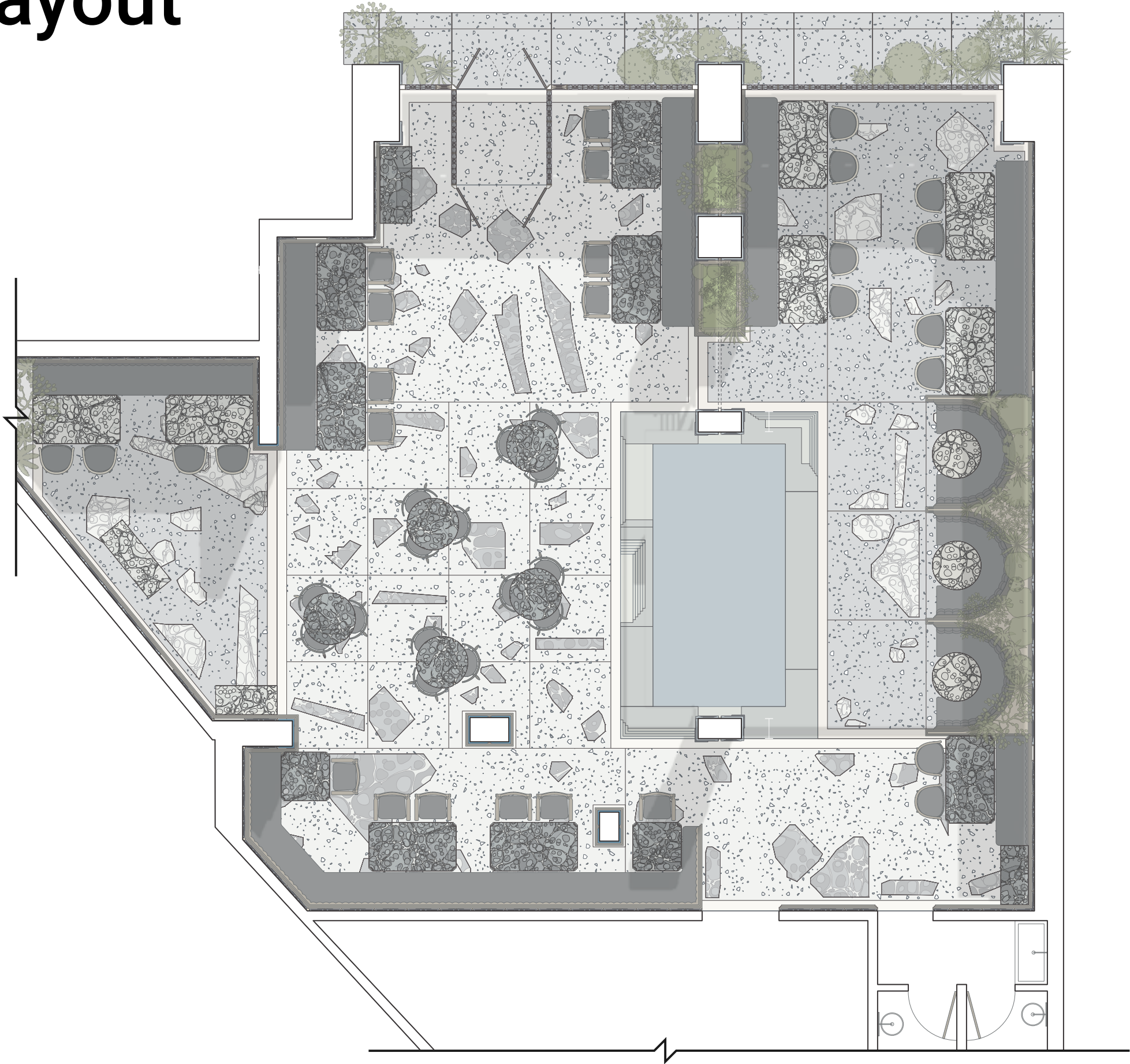
Status: **Complete**
Design: **Samir Raut, Faizan Khatri**
Construction: **Anil Khemka**
Involment: **Design + Execution**

Unplugged Café pays homage to Frank Lloyd Wright’s iconic Ennis House, drawing inspiration from its Mayan Revival architecture. Located on the ground floor of a residential enclave in Jamshedpur, Jharkhand, the café introduces a rugged, futuristic design aesthetic to the neighborhood. With a vision of a café from an alternate future, Unplugged embraces handmade modularity and craftsmanship. The design showcases hand-cut marble inlays within terrazzo flooring and custom-molded concrete tiles, meticulously crafted with tailor-made silicone molds. Spanning 3,500 sq. ft. and seating 90 guests, the café features a concrete-tiled façade, geometric metal walls, and wood-and-glass pendant lights. Unplugged stands out as a unique dining destination, blending architectural heritage with modern design innovation.



Concrete Tiles
This involves crafting cast-in-place concrete tiles using custom-made silicon moulds, complemented by solid wood tiles designed to specification.

Layout



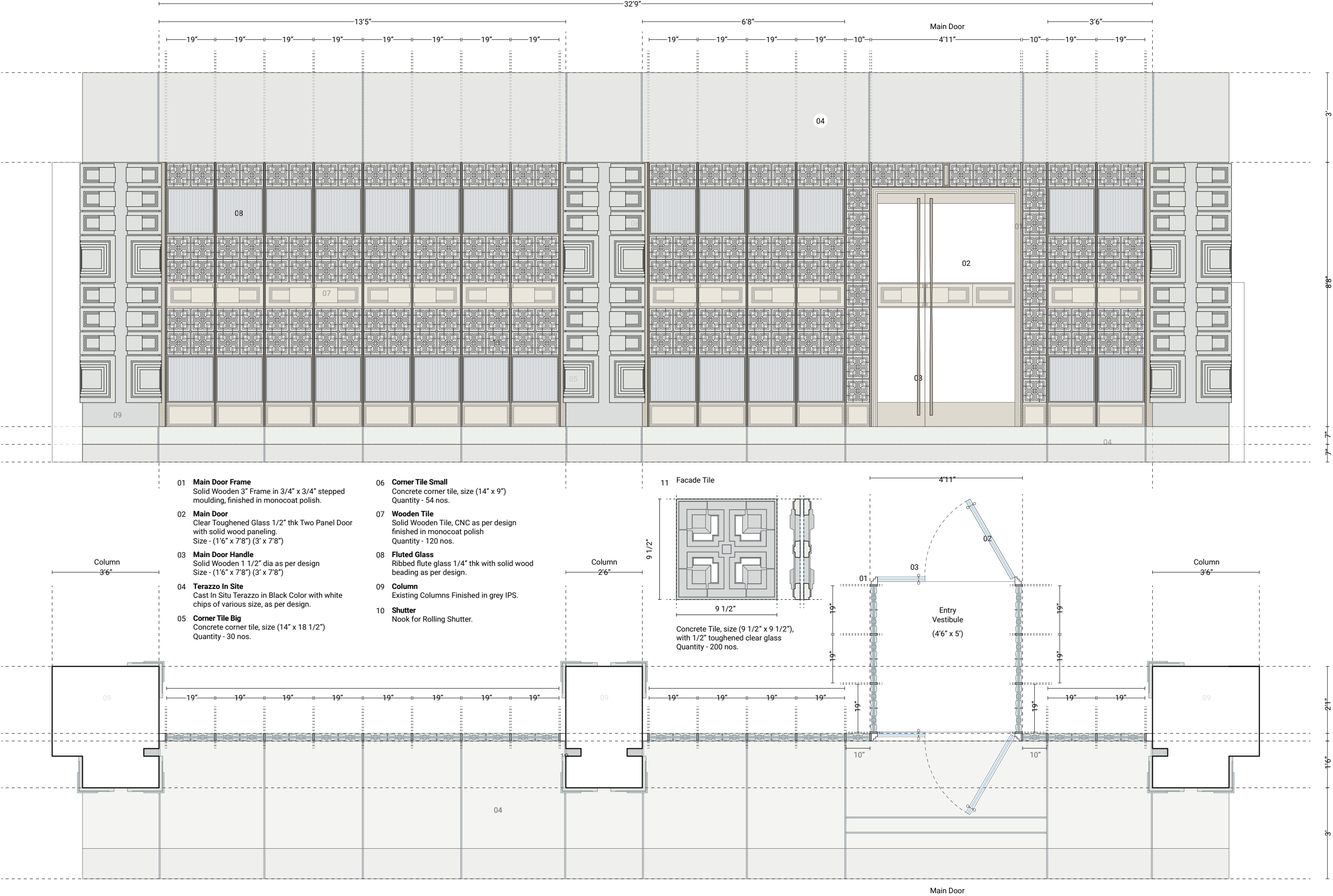
Plan: Flooring + Furniture



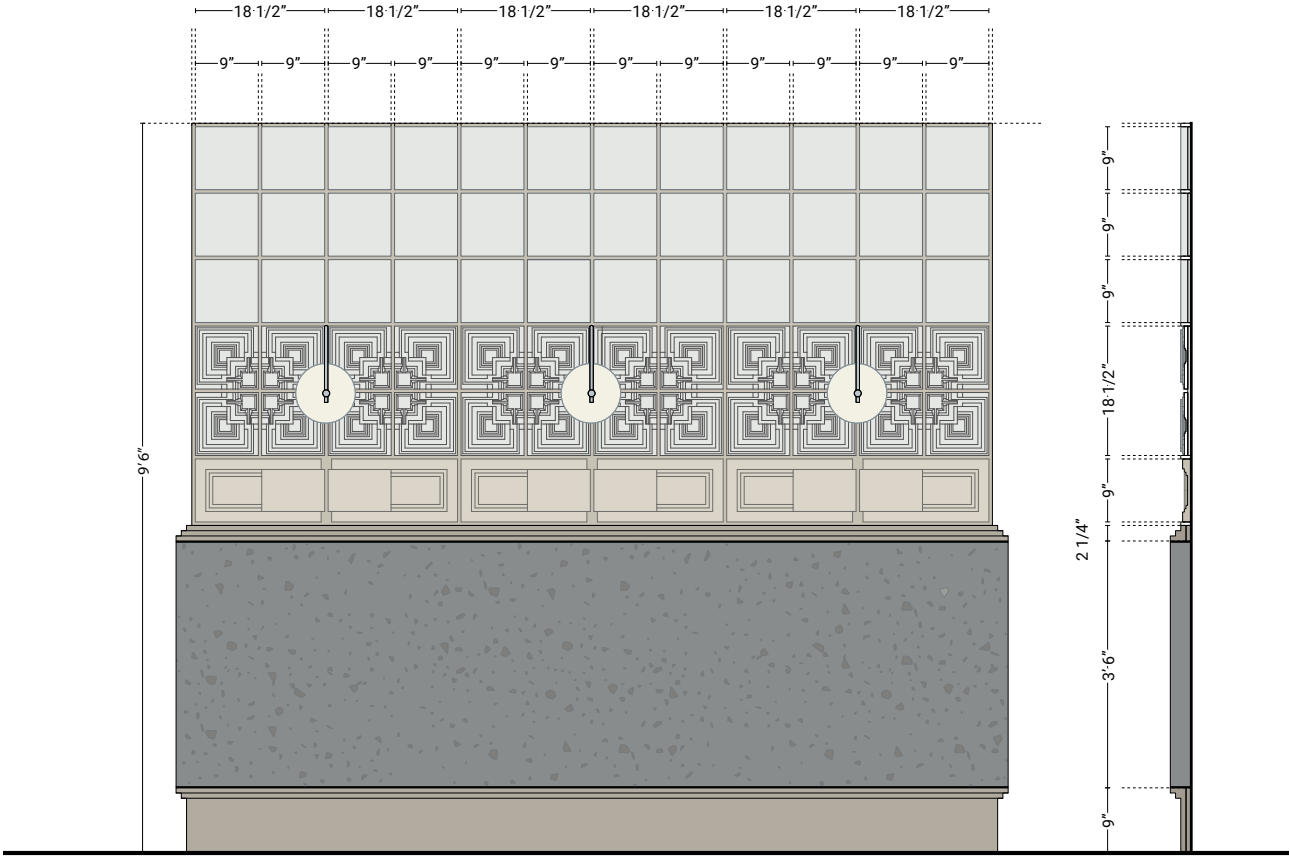
The space embodies sophisticated craftsmanship, featuring white terrazzo flooring with hand-cut black and grey marble inlays accented by brass strips. The walls are adorned with a black terrazzo dado, seamlessly complemented by cast-in-place concrete tiles, adding depth and texture. The main façade is defined by a linear grid of concrete and wooden tiles, framed with solid wood to achieve a timeless aesthetic. Custom-made furniture with brass detailing and black upholstery enhances the exclusivity of the space, while lush greenery introduces a sense of serenity, creating an inviting and refined ambiance



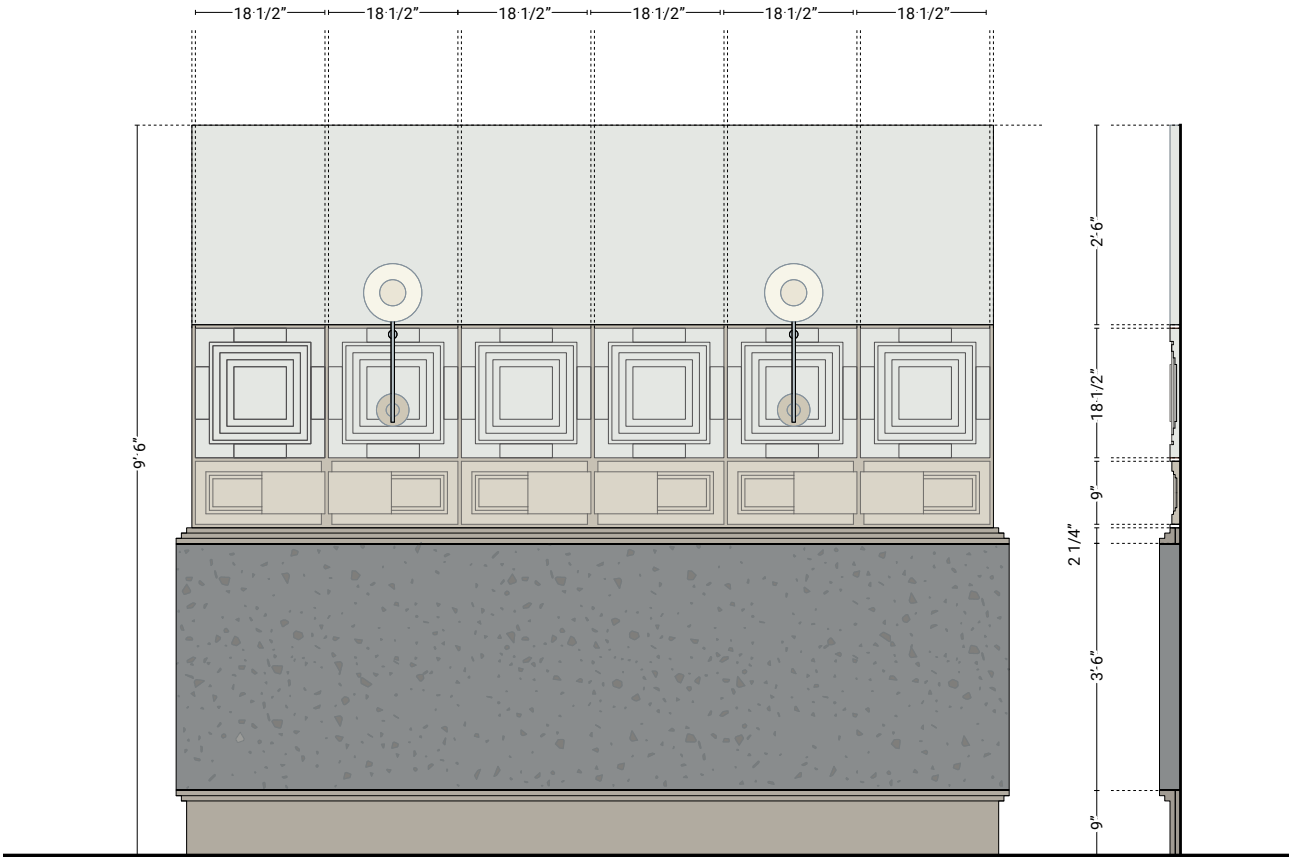
Typical Wall dado
This involves crafting cast-in-place concrete tiles using custom-made silicon moulds, complemented by solid wood tiles designed to specification.



Detail: Facade with Main Door



Typical Wall Elevation 01



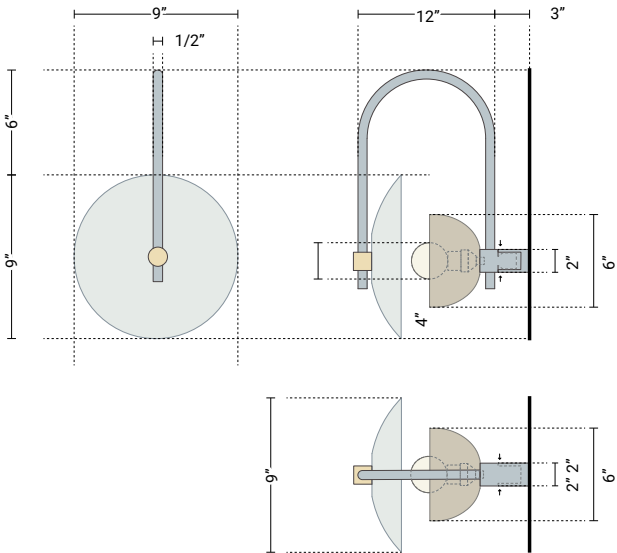
Typical Wall Elevation 02



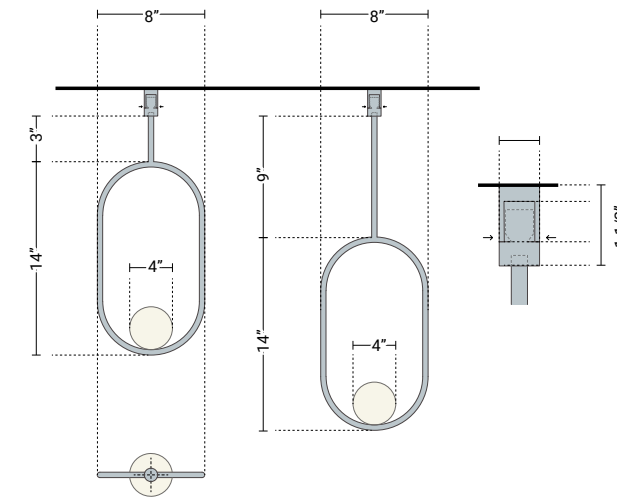


Geometrical Lights redefine illumination by harnessing bounce and ambient glow to create a distinct and elegant lighting experience. Featuring a spinning dome and a gracefully curved, hand-bent tube, the design works in harmony to diffuse and reflect light within a handcrafted glass shade.

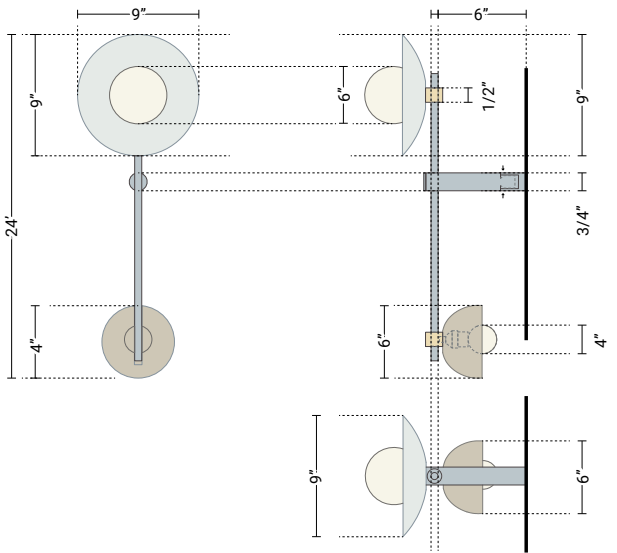
With brass fittings and a modular system, these lights offer nine unique configurations, providing versatility and sophistication for any space. All lighting designs are crafted by Samir Raut and meticulously fabricated by Samir Raut and The Choke Shop, ensuring a seamless blend of artistry and precision in modern lighting design.



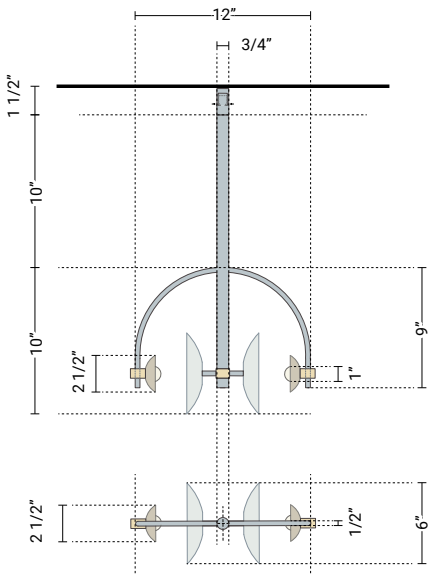
L1 Wall Light 01
Bent metal, Brass fixture, Soildwood hemishpere, Milky glass Plate
Quantity - 24 nos



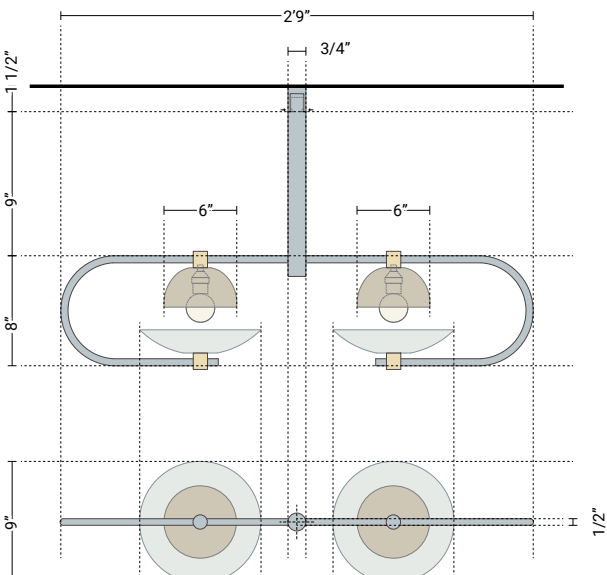
L2 Ceiling Light 01
Bent metal, Milky Light sphere
Quantity - 24 nos



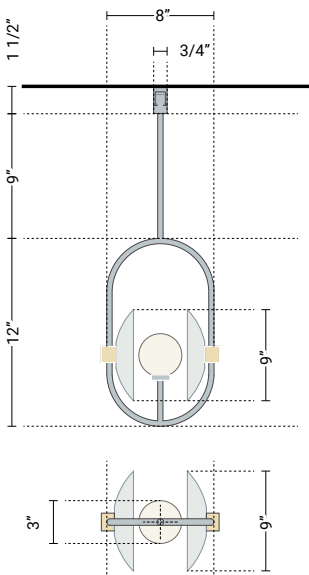
L3 Wall Light 02
Bent metal, Brass fixture, Soildwood hemishpere, Milky glass Plate
Quantity - 8 nos



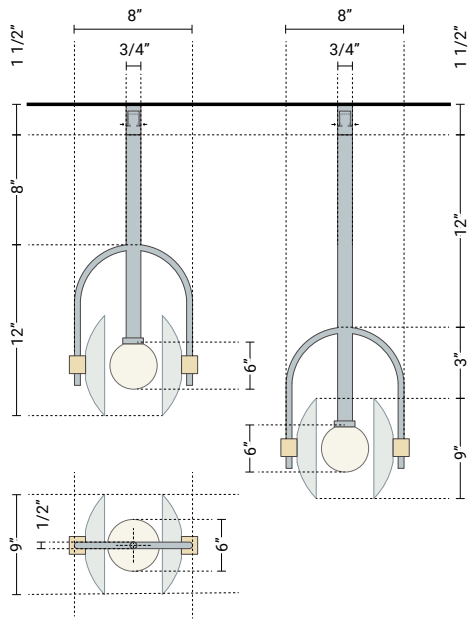
L4 Ceiling Light 02
Bent metal, Brass fixture, Soildwood hemishpere, Milky glass Plate
Quantity - 8 nos



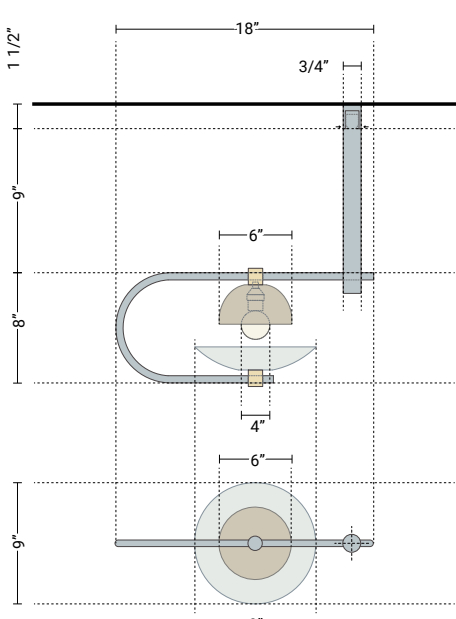
L5 Ceiling Light 03
Bent metal, Brass fixture, Soildwood hemishpere, Milky glass Plate
Quantity - 8 nos



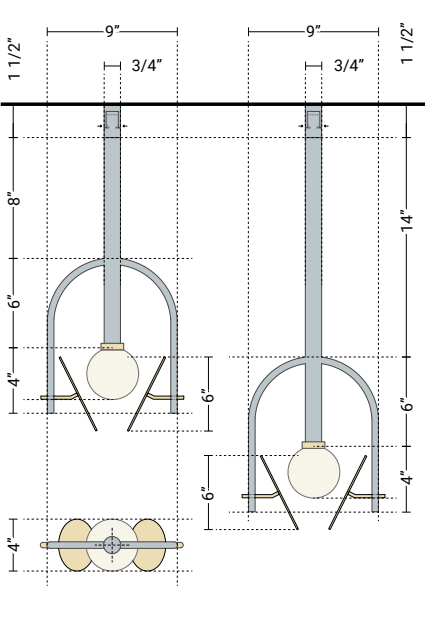
L6 Ceiling Light 04
Bent metal, Brass fixture, Milky glass Plate, Light Sphere
Quantity - 8 nos



L7 Ceiling Light 05
Bent metal, Brass fixture, Milky glass Plate, Light sphere
Quantity - 8 nos



L8 Ceiling Light 06
Bent metal, Brass fixture, Soildwood hemishpere, Milky glass Plate
Quantity - 8 nos



L9 Ceiling Light 07
Bent metal, Brass fixture, Brass Plate, Milky glass Plate
Quantity - 8 nos

SOCIAL South City Mall

Client: **Impressario**

Type: **Hospitality**

Size: **9500 sq.ft**

Location: **South Kolkata, West Bengal**

Status: **Proposal**

Design: **Faizan Khatri**

Visualisation: **Advaita Kelkar**

Involment: **Design + Estimation**

The inaugural SOCIAL in Kolkata, the City of Joy, merges urban energy with architectural ingenuity. Located on the second floor of South City Mall, this 9,000 sq. ft. venue offers both indoor and outdoor experiences. The double-height corner site takes full advantage of panoramic city views, accommodating 225 guests across multiple levels, balancing privacy and community.

The space is shaped by stepped seating, private dining enclaves, and a 12-ft elevated platform, fostering engagement while maintaining spatial fluidity. Inspired by a bird's-eye view of Kolkata, the material palette integrates Corten steel and natural stone inlays, reinforcing the brand's industrial aesthetic. A sunlit courtyard anchors the design, creating an interplay of light, materiality, and openness, offering visitors a dynamic yet intimate experience.

Visulisation Workflow

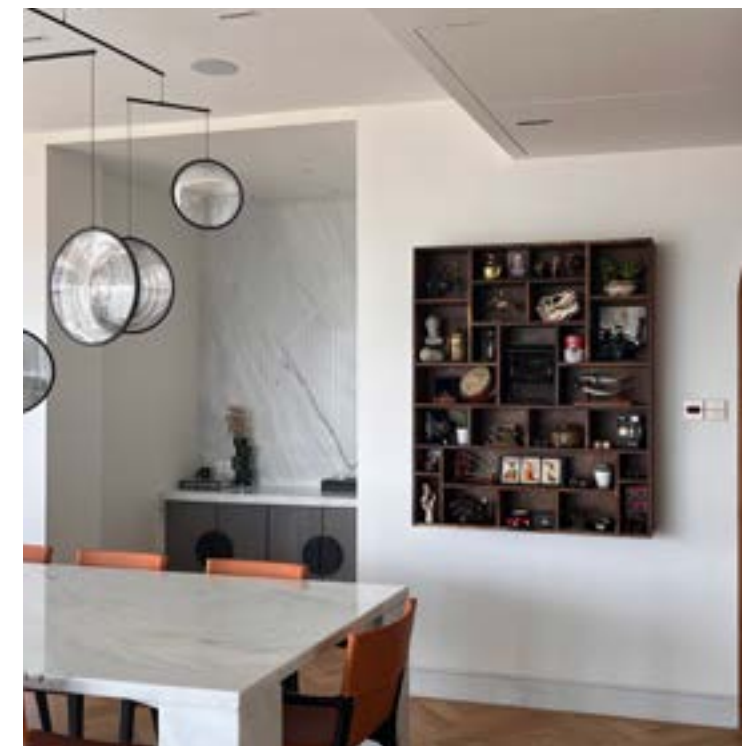
Concept → Plan → 3D Modeling (SketchUp) → Rendering & Material (Unreal Engine) → Estimation → Construction Drawings



Location: **Mumbai, India**

Involment: **Design + Execution**

Objects were sourced from the legendary Chor Bazaar, or Thieves' Alley, uncovering pieces of unique significance. Coupled with handcrafted elements and abstract artworks, the composition became a curated narrative that satisfied the client's deep curiosity. Driven by the client's passion for creating a one-of-a-kind art piece, SHELF allowed us to push the boundaries of art and sculpture. Through meticulous iterations and collaborative discussions, we crafted a truly unique and personal installation.



CNCRT

Client: **Shohin Khemani**

Type: **Art**

Size: **16 sq.ft**

Location: **Mumbai, India**

Status: **Complete**

Design: **Advaita Kelkar & Nayan Mote**

Collaborator: **Nayan Mote Studio**

Involment: **Design + Execution**

Commissioned for a luxury residence on Mumbai's prestigious World Seaface, CNCRT is a study in urban materiality, reimagining concrete as a medium for artistic expression. Rooted in modernity and architectural language, Riverside A + B was developed through an iterative dialogue with the client, resulting in a bespoke piece that bridges art and structure. Blurring the lines between painting and sculpture, these monolithic slabs—handcrafted and weighing approximately 70 pounds each—transform three-dimensional forms into a striking, textural composition. Paired with wooden construction models, the artwork reflects the evolving urban landscape, embodying the permanence, weight, and complexity of contemporary cityscapes. As my first commissioned work, this project was a significant milestone, created in collaboration with Nayan Mote from NMS Studio, bringing together a shared vision of material exploration and craftsmanship.

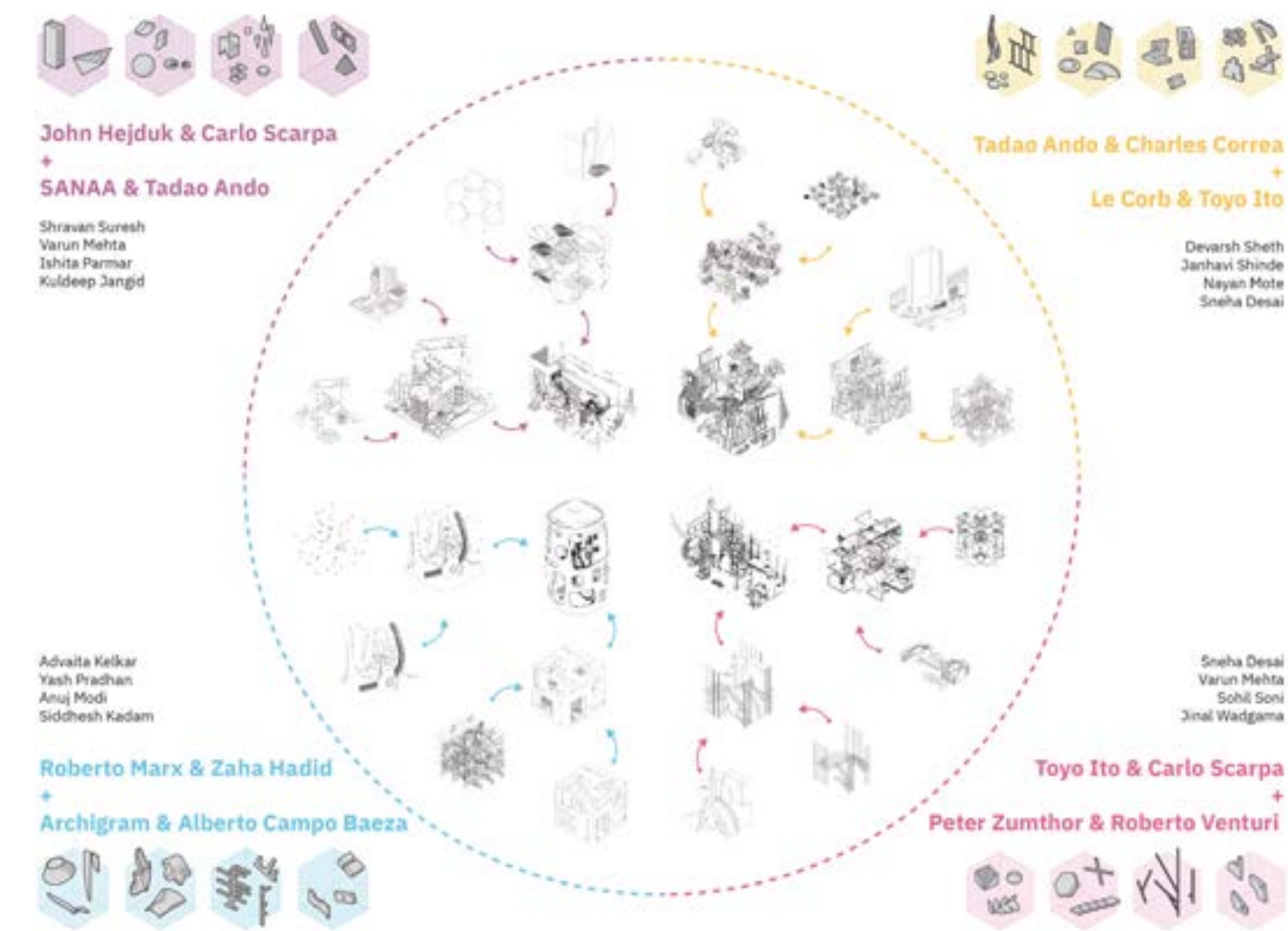


Timeline

ARC.HV

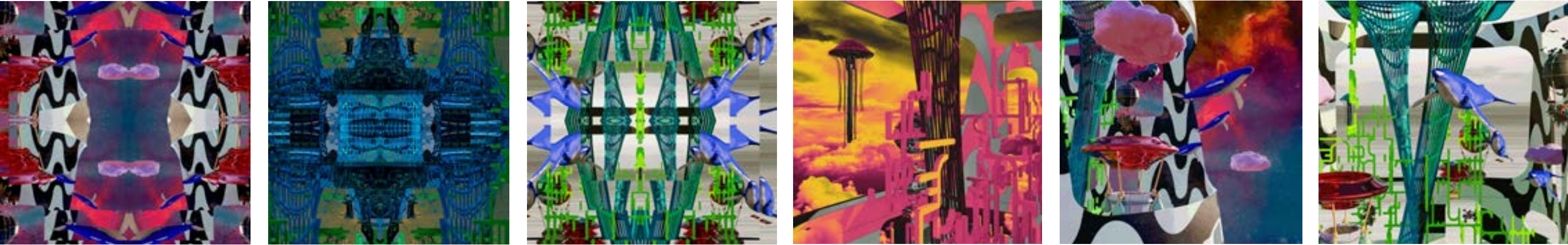
Virtual Gods

Enter Exhibition[↗]



VG04 - Roberto Bruel Marx x Zaha Hadid x Campo Baeza x Archigram

Inspired by the organic fluidity of Roberto Burle Marx, the bold curvatures of Zaha Hadid, and the cubist-futurist approach of Campo Baeza and Archigram, VG04 is an exploration of architectural hybridity. Over three weeks, we immersed ourselves in designing a world that fuses these distinct ideologies, pushing the boundaries of form, texture, and color. The result is a surrealist environment—an expressive, dynamic landscape where we reimagined architecture as creators, shaping a reality that blurs the lines between nature, futurism, and abstraction.



Artist Feature Instagram Stories:
[@Varundo](#), [@Screenseva](#), [@Sanchit Sawaria](#), [@Oleomingus](#)

Exhibition:
This Group Art Exhibit was exhibited live on our website from the 1st to the 31st of August.

Architect X Architect

Type: **Computation Study**
Platform: **Instagram**

Status: **Published**
Year: **2023**

AxA is an experimental exploration into the fusion of two architects’ works to create a unified, cohesive structure. The study was initiated to understand the potential impact of Artificial Intelligence (AI) on architecture and to investigate the unexplored possibilities it presents. The process began with a simple methodology: two architects were randomly selected, and the AI software was tasked with designing a structure within a tropical forest, with minimal constraints. The results were both astonishing and innovative, exceeding expectations and showcasing outcomes beyond what traditional human effort alone could achieve. This study not only challenges the boundaries of architectural creativity but also underscores the transformative potential of AI-driven design in shaping the future of architecture.



Carlos Scarpa X Roberto Burex Marx



Bjarke Ingels X Thomas Heatherwick 01



Antoni Gaudí X Santiago Calatrava



Bjarke Ingels X Thomas Heatherwick 02



Frank Ghery X Le Corbusier



Frank Lloyd Wright X Alvar Alto



Frank Lloyd Wright X Alvar Alto



Bijoy Jain X Charles Correa



Mies van der Rohe X Jun'ya Ishigami



Mies van der Rohe X Jun'ya Ishigami

Thank You



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/ Animal Welfare www.theinitiative.life ↗
/ All Computational Work [@raklek_atiavda](https://twitter.com/raklek_atiavda) ↗
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