

LUCIA SANCHEZ

Architectural Portfolio



IQON

Location: Quito, Ecuador

Program: 215 residences, retail spaces, offices, and amenities

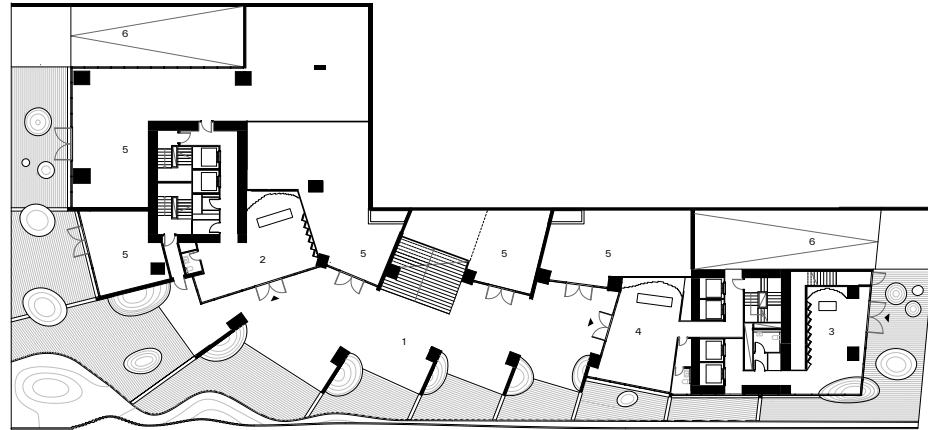
Size: 55,000 m²/ 390,000 SF

Phase: Schematic Design through Construction Admin., 2017- 2022

Awards: Finalist in ArchDaily's 2023 Building of the Year Awards

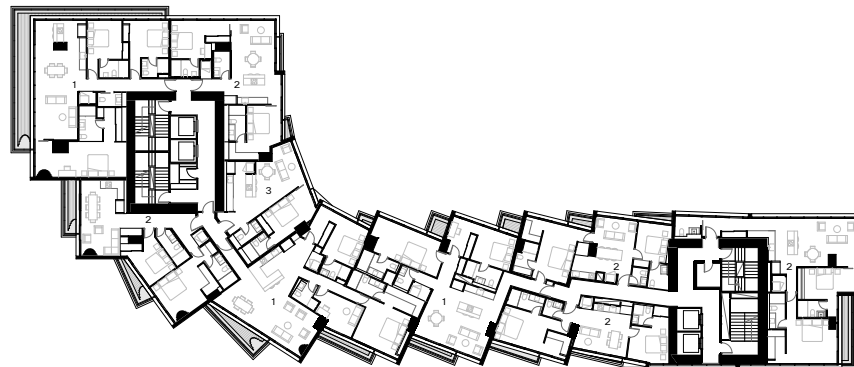
Role / Office: Project Architect from CD's / BIG

- Co-led successfully the design and construction from construction documentation phase to completion.
- Maintained effective client communication channels, addressing concerns promptly resulting in high client satisfaction and repeat business opportunities.
- Produced architectural drawings and design studies identifying and solving complex design and construction challenges
- Conducted regular on-site workshops every 4 months to enhance collaboration and project coordination, contributing to cost-effective and timely project delivery.



GROUND FLOOR PLAN

- 1 PLAZA
- 2 SHYRIS RESIDENTIAL LOBBY
- 3 FINLANDIA RESIDENTIAL LOBBY
- 4 OFFICE LOBBY
- 5 RETAIL
- 6 GARAGE ENTRY



L16 - TYPICAL RESIDENTIAL PLAN

- 1 THREE BEDROOM APARTMENT
- 2 TWO BEDROOM APARTMENT
- 3 ONE BEDROOM APARTMENT



The 130 M, 32-story IQON is the tallest residential building in Quito, Ecuador.

Designed as a **vertical community**, it serves as an extension of the neighboring park, La Carolina.

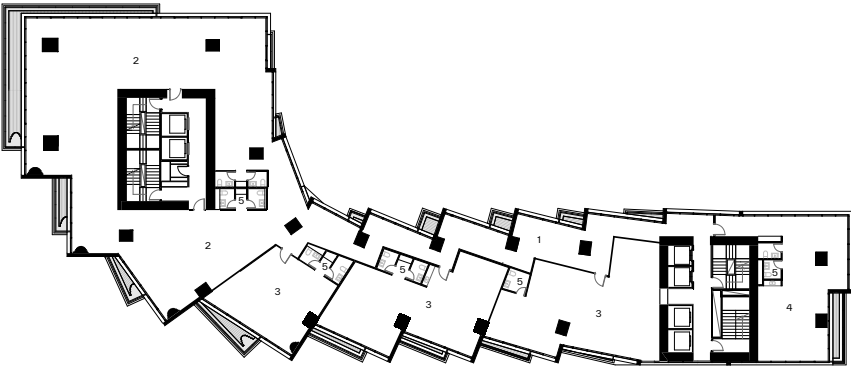


Façade

IQON's architectural identity is characterized by its 'stripped back' facade, featuring raw, exposed concrete that also functions as the building's structure.

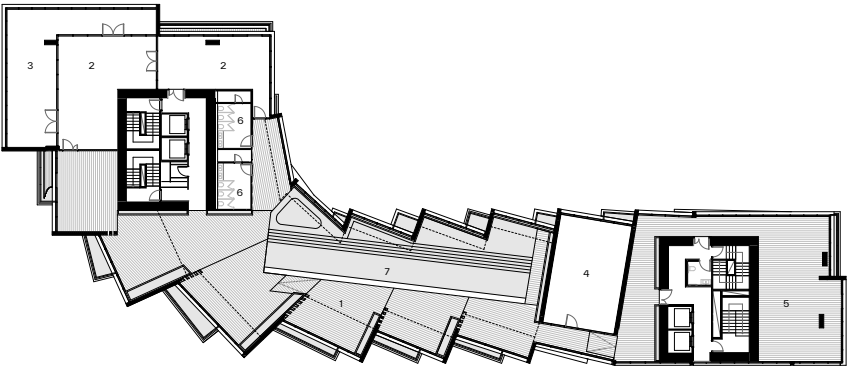


Roof View



L7 - TYPICAL OFFICE PLAN

- 1 OFFICE CIRCULATION
- 2 HOT DESKS
- 3 PRIVATE OFFICE
- 4 OFFICE LOUNGE
- 5 RESTROOMS



L33 - POOL AND ROOF AMENITIES PLAN

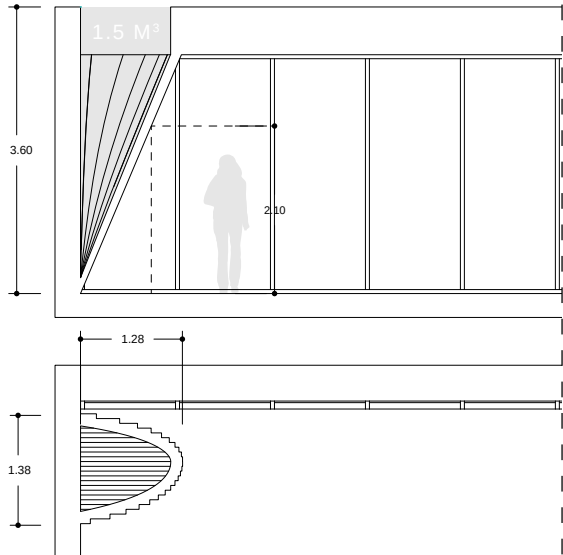
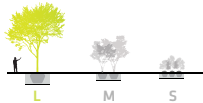
- 1 POOL DECK
- 2 TENANT'S PARTY ROOM
- 3 TERRACE
- 4 SQUASH COURT
- 5 BARBECUE AREA
- 6 RESTROOMS AND SHOWERS
- 7 POOL



Individual pixels are stacked across 32 floors and rotated to provide optimal views while creating terraces for each apartment.

The building celebrates native trees and plants, integrating greenery and making the most of Ecuador's status as the country with the highest biodiversity per square meter in the world.

L SIZE



PLANTER TYPOLOGIES
LARGE PLANTER



Sculptural planters





AMANT

Location: Brooklyn, NY

Program: Art incubator with galleries, offices, cafe, and studio

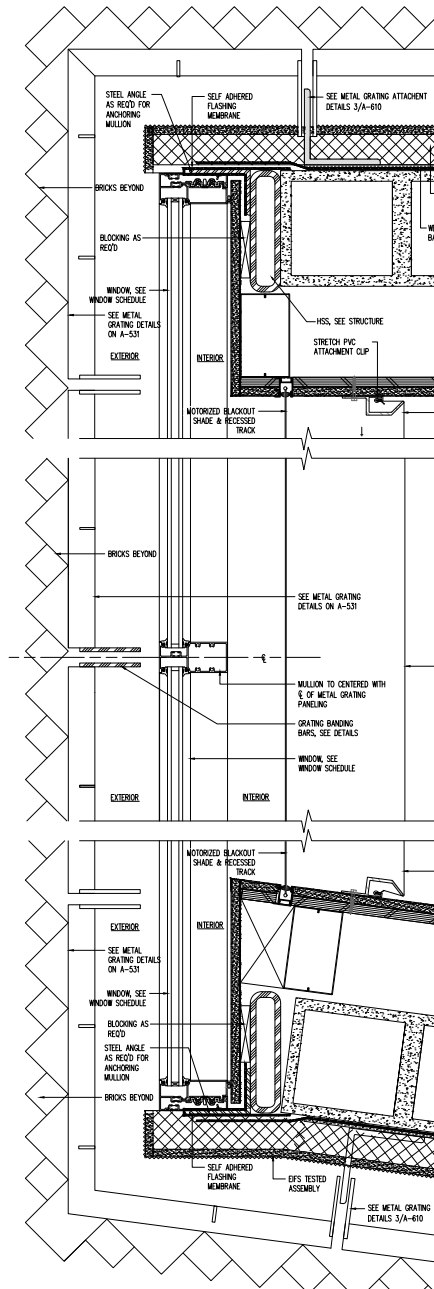
Size: 21,000 SF

Phase: Schematic Design through Construction Documents. 2017
Completed 2021

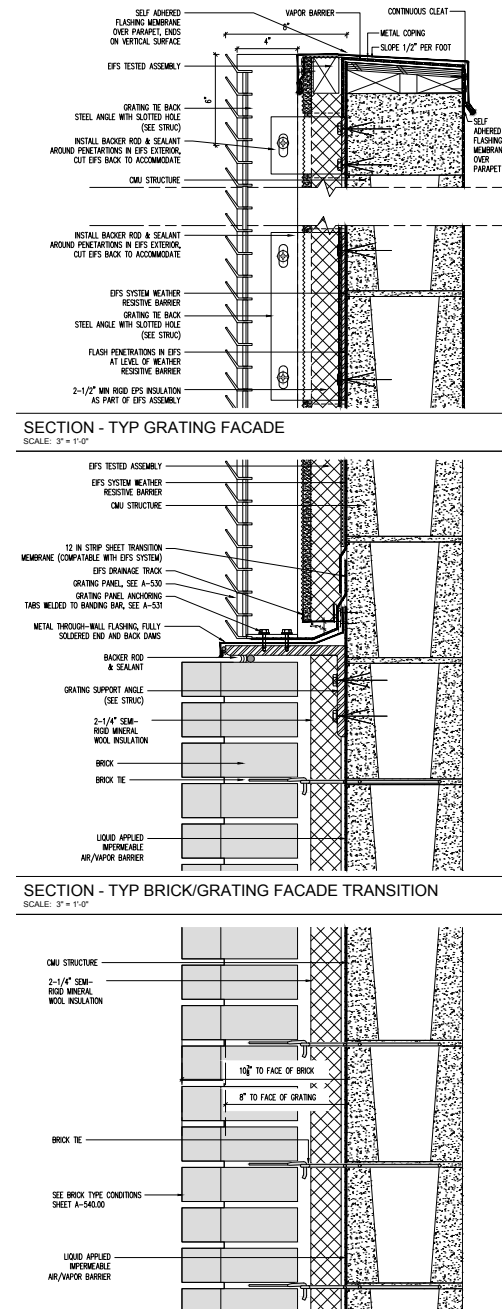
Awards: Best New Building 2021 MASTerworks Awards

Role / Office: Architectural Designer / SO-IL

- Led the production of a construction set of architectural drawings for one of the galleries, 315 Maujer.
- Successfully resolved challenging design issues by collaborating with cross-functional teams and proposing innovative solutions that improved building functionality and aesthetics.
- Collaborated effectively with a team of consultants to streamline the design process, staying within budget and timeline constraints.



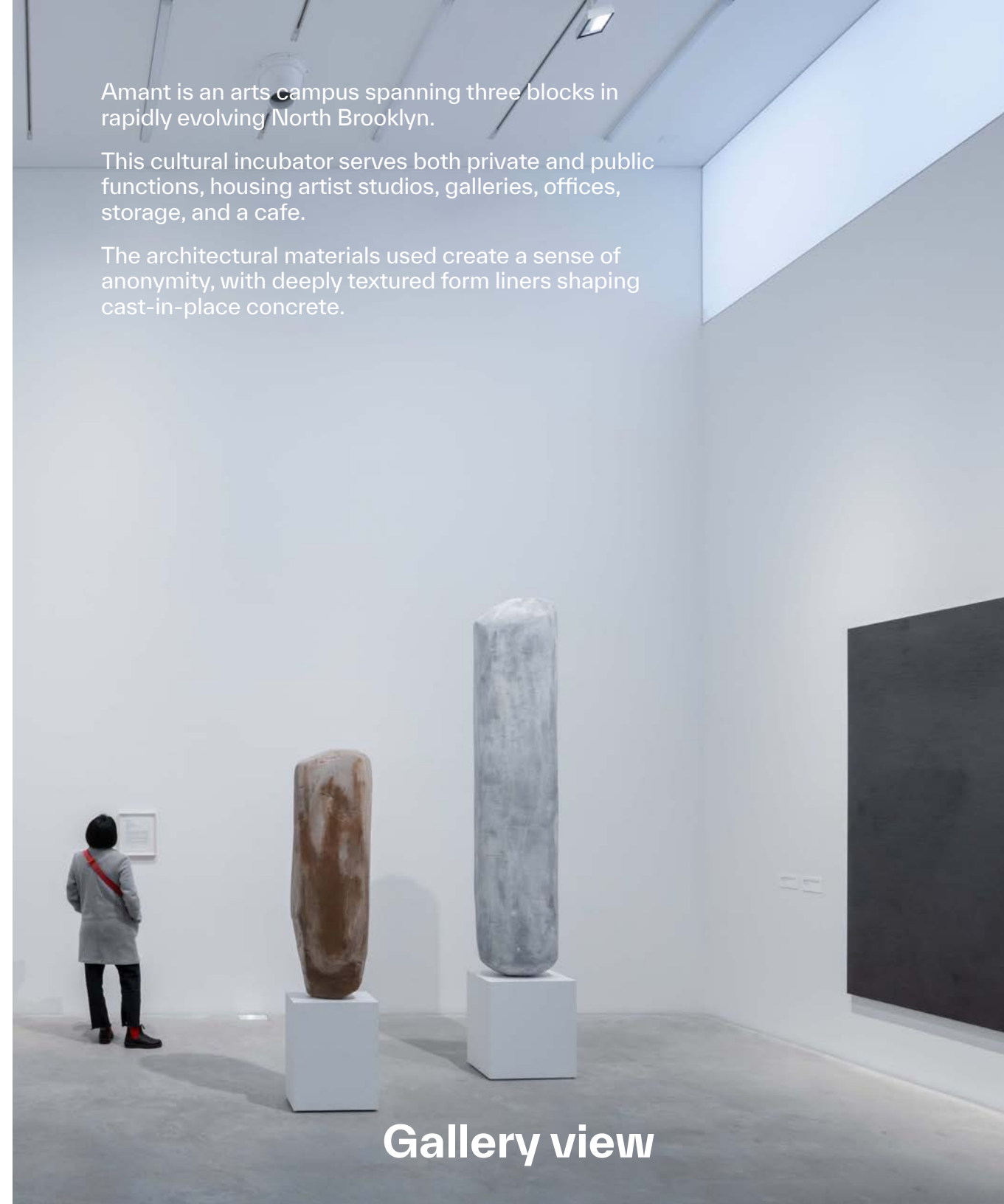
Window and facade detail



Amant is an arts campus spanning three blocks in rapidly evolving North Brooklyn.

This cultural incubator serves both private and public functions, housing artist studios, galleries, offices, storage, and a cafe.

The architectural materials used create a sense of anonymity, with deeply textured form liners shaping cast-in-place concrete.



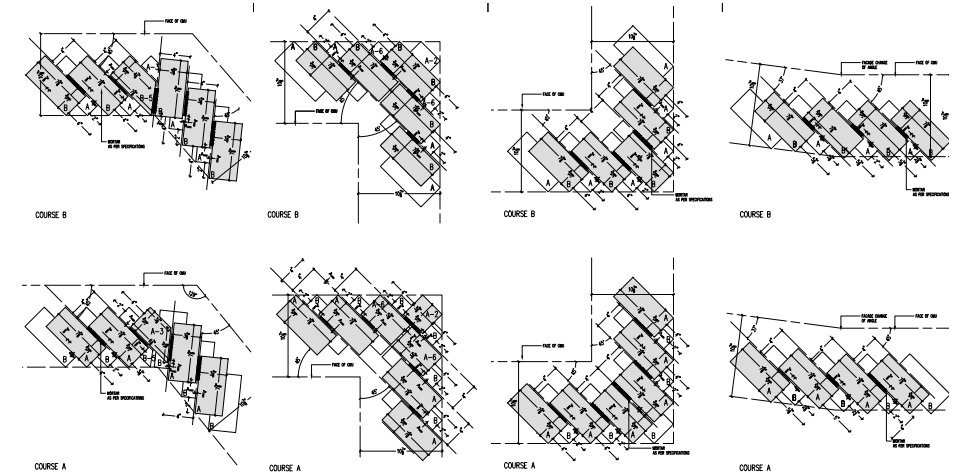
Gallery view



Galvanized steel bars play with reflection and transparency, seamlessly integrating with the manufacturing and industrial storage context.

Up close, the buildings reveal unexpected tactile qualities, intricate details, and depth, challenging preconceived notions of the familiar and the everyday.

View from patio



Bricks are strategically rotated out of plane to capture intriguing shadows

Brick configuration studies



WILD

Location: Queens, NY

Program: Commercial film studios

Size: 760,000 SF

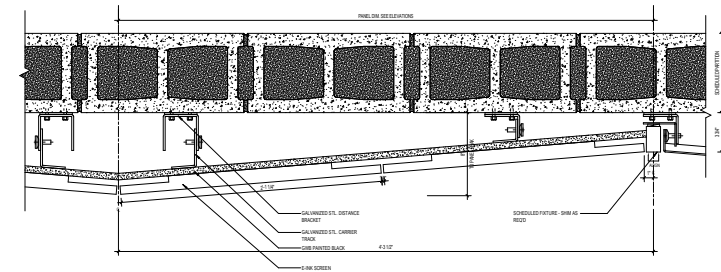
Phase: Construction Documentation. 2021

Role / Office: Architectural Designer / BIG

- Collaborated with a team to successfully complete the construction set of drawings on time, enabling seamless project progression.
- Produced drawings and construction details in Revit, coordinating seamlessly with consultants.

Backed by Robert De Niro, Wildflower Studios will bring 11 sound stages to the Astoria neighborhood of Queens.

The seven-story building features a precast concrete façade and will be the world's first vertical sound stage with studios, each a 150-foot-wide by 120-feet-long and 60-foot-high volume, stacked in two levels.



FINING AT JOINT
 WINDOW ROSE FASTENED TO STRUCTURE AS SHOWN
 ABOVE CEILING JOINT
 SCHEDULED FINISH - REFER TO ROOM FINISH SCHEDULE
 METAL CORNER TRIM FINISHED TO MATCH & JOINT COMPLIES WITH
 3/16"
 5/16"
 1/2"
 1/4"
 1/8"
 1/16"
 1/32"
 1/64"
 1/128"
 1/256"
 1/512"
 1/1024"
 1/2048"
 1/4096"
 1/8192"
 1/16384"
 1/32768"
 1/65536"
 1/131072"
 1/262144"
 1/524288"
 1/1048576"
 1/2097152"
 1/4194304"
 1/8388608"
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 1/33554432"
 1/67108864"
 1/134217728"
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[illegible][illegible]

REGULATED PRECAST CONCRETE PANEL

ELECTRICAL CONNECTION TO JOIST AT
UNDERSIDE OF SLAB ABOVE DO NOT CONNECT
TO PRECAST

HANGING RODS FASTENED TO
STRUCTURE AS REBARS

SUPPORT STEEL FOR PRECAST
VERTICAL CONNECTION

THREADED CONNECTION TO
PRECAST HANGING PLATE

UNDER SLOTT OFFICERS WITH
BURST OFF PLATES SET
BEHIND PANEL

B.O. CEILING
SEE RCP

SCHEDULED PIPE TYPE,
REFER TO FLOOR PLAN
SCHEDULE

7" PAINTED ANGLE TIE IN AT
SURFACE PANEL EDGE, TOP

SCHEDULED PENDANT LIGHT
HUSKIES, WITH COORD. TIE-ROD SET
BEHIND CEILING PANEL

1'-0"

CONCRETE

Technical drawing of a window assembly showing a cross-section of a window frame, glass, and surrounding structure. The drawing includes labels for various components and dimensions:

- LINEAR OFFSET AT PRIMEUR PARTITION, SET BEING CELL PANEL OPENING
- 8" CEILING SET RCP
- SCHEDULED PANEL TYPE, REFER TO WINDOW SCHEDULE
- SCHEDULED PARTITION
- SCHEDULED WALL PANEL, SEE ROOM FLOOR SCHEDULE
- 6" POINTED ARCS TRIM AT SURFACES PANEL, TOP
- BLOCKING AS REQD
- 3/8"

5 CEILING DETAIL AT TYPICAL WALL-WASHER
A-10
2'-10"



CHAMARTIN

Location: Madrid, Spain

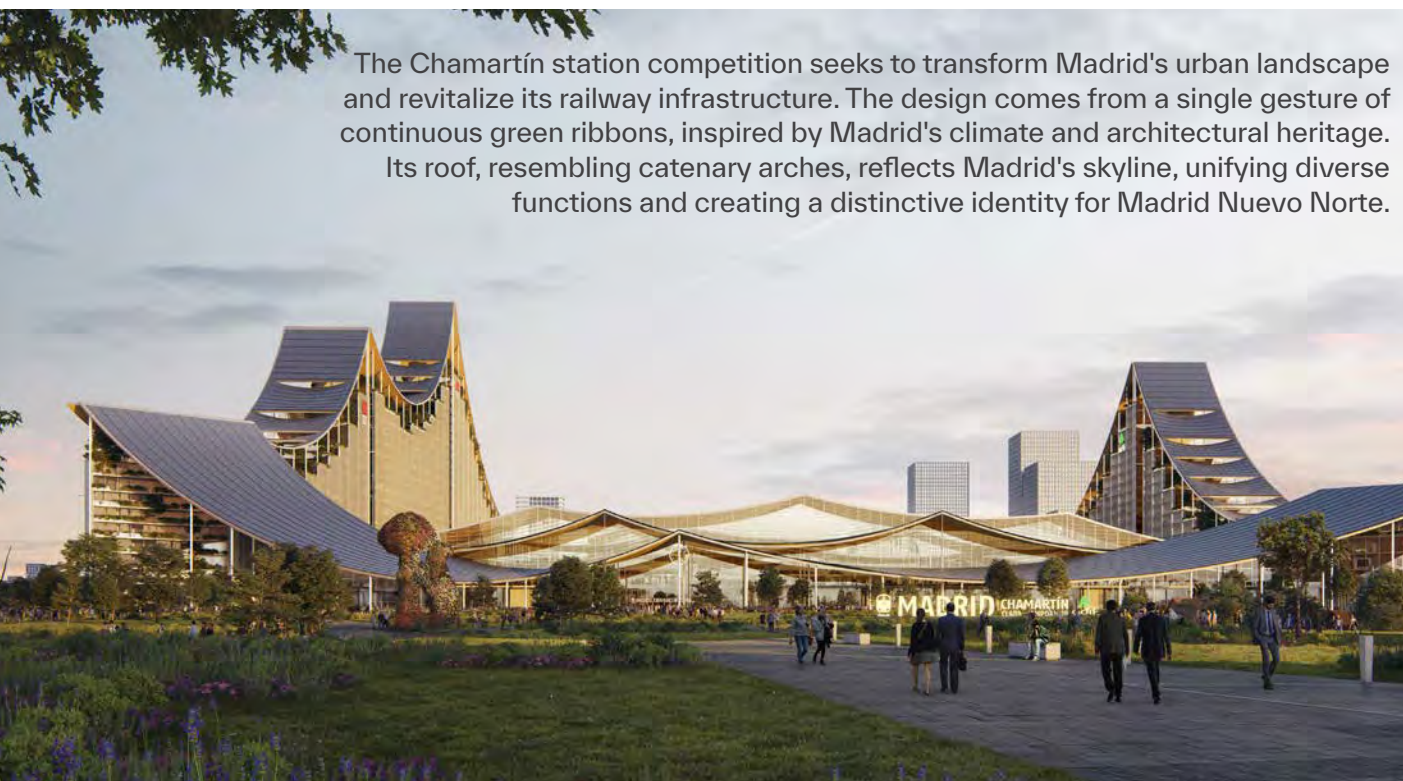
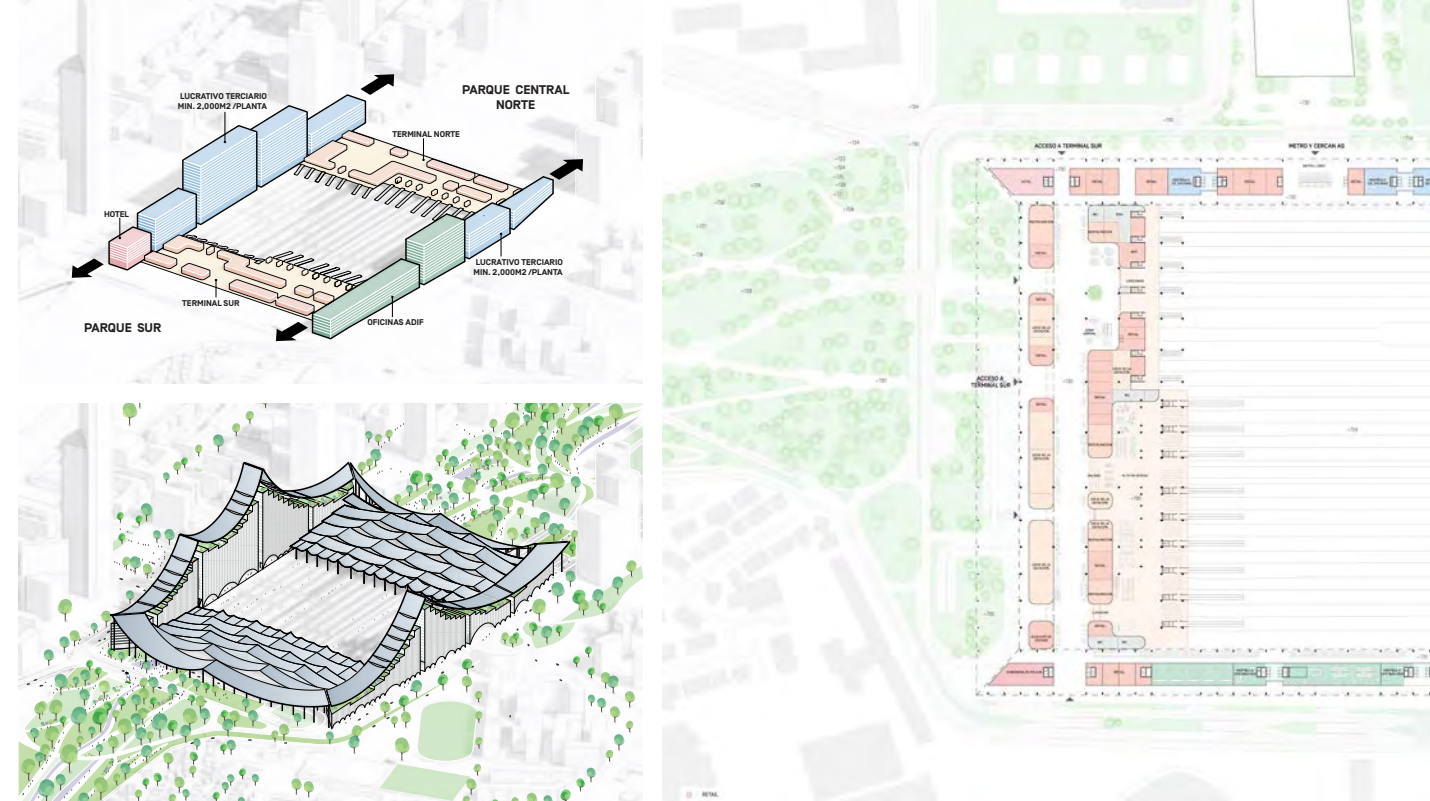
Program: Train station, office buildings, retail and hotel

Size: 565,000 m² / 140 acres

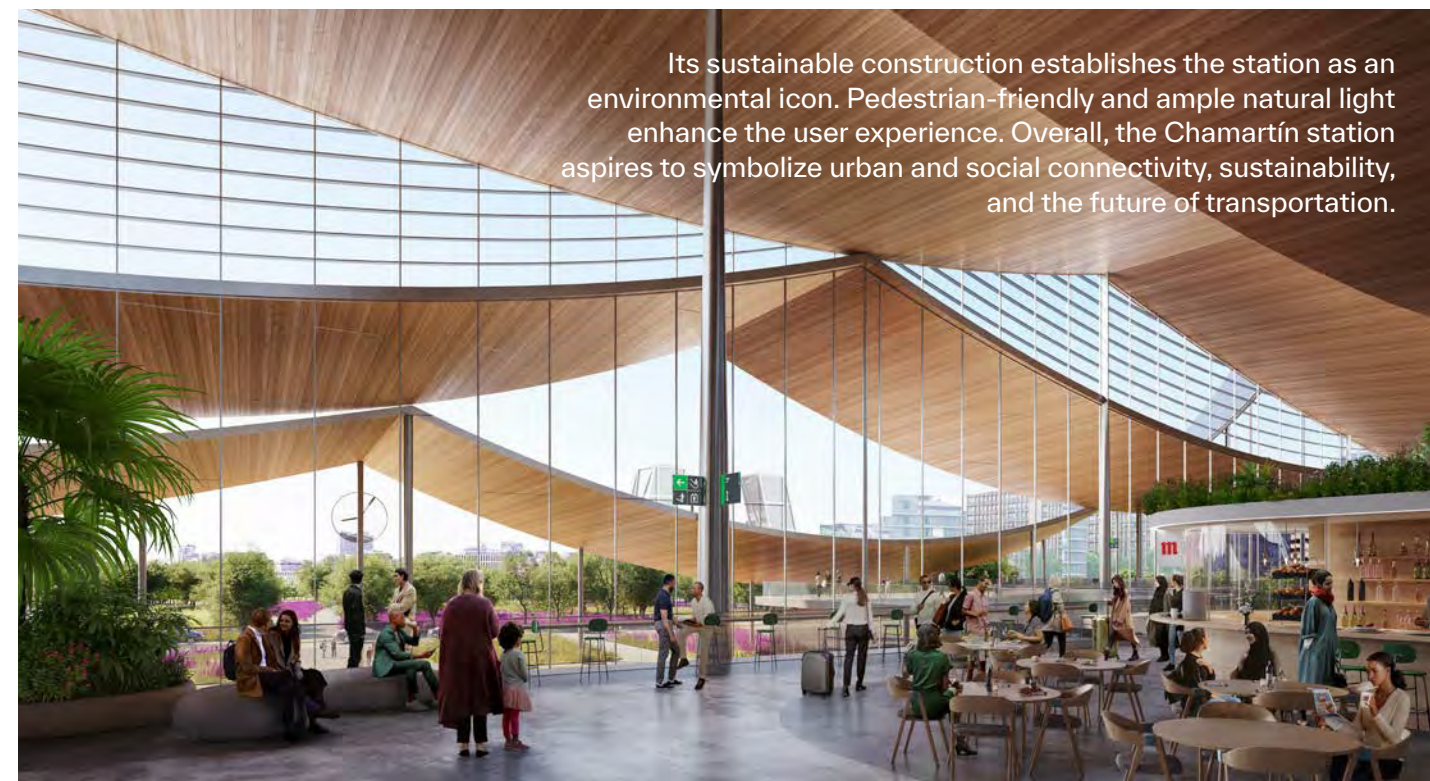
Phase: Concept. Invited Competition. 2022

Role / Office: Project Architect / BIG

- Coordinated a diverse team of local stakeholders, from architects to structural engineers and consultants ensuring a well-rounded and feasible design approach.
- Ensured compliance with local regulations and competition requirements as well as developed environmentally responsible solutions.
- Played a key role in delivering a succesful proposal on time and within budget.



The Chamartín station competition seeks to transform Madrid's urban landscape and revitalize its railway infrastructure. The design comes from a single gesture of continuous green ribbons, inspired by Madrid's climate and architectural heritage. Its roof, resembling catenary arches, reflects Madrid's skyline, unifying diverse functions and creating a distinctive identity for Madrid Nuevo Norte.



Its sustainable construction establishes the station as an environmental icon. Pedestrian-friendly and ample natural light enhance the user experience. Overall, the Chamartín station aspires to symbolize urban and social connectivity, sustainability, and the future of transportation.



SHANGHAI

Location: Shanghai, China

Program: Ancient Art Museum

Size: 100,000 m²/ 24.7 acres

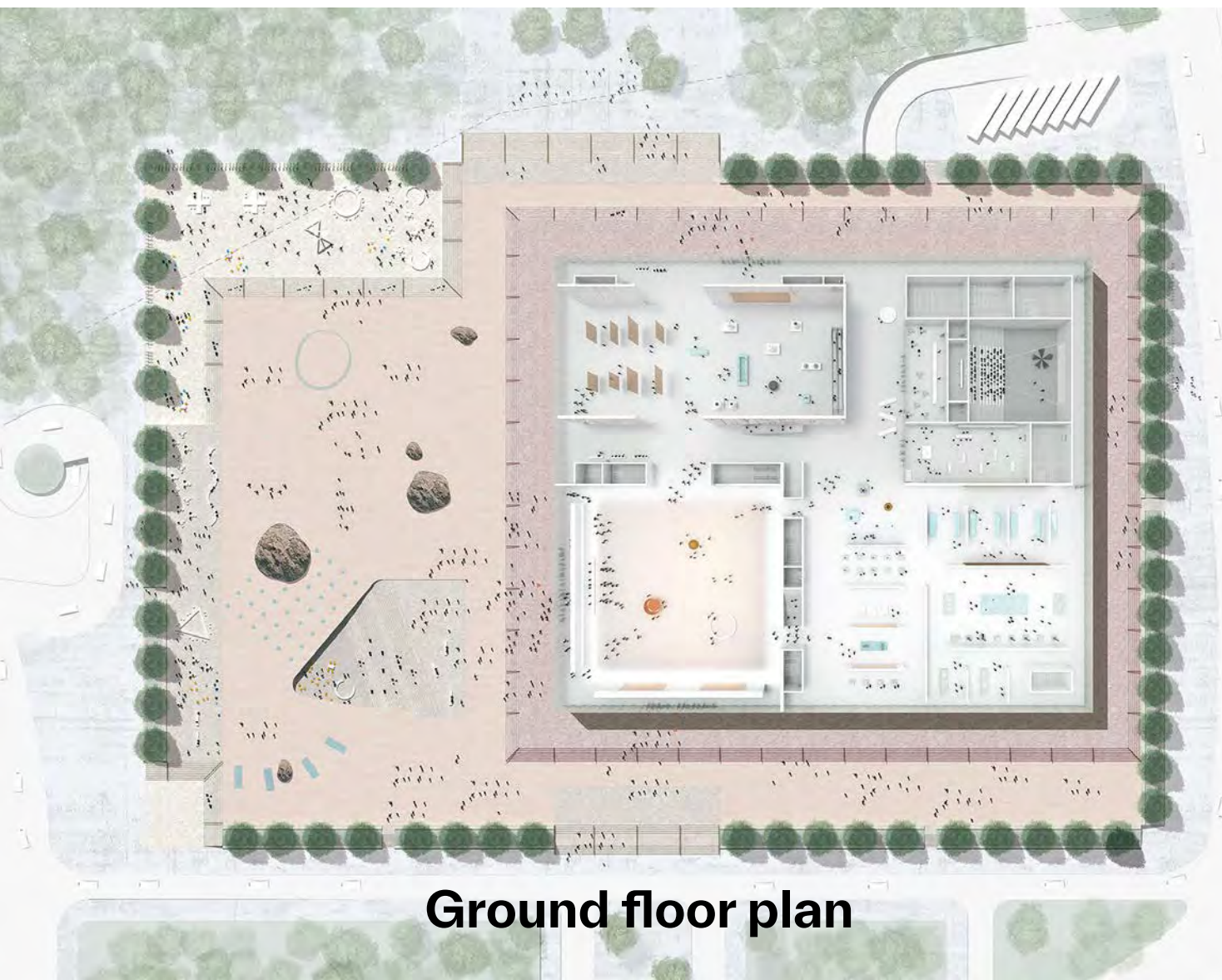
Phase: Concept. Invited competition, 2nd prize, 2017

Role / Office: Architectural Designer / SO-IL

- Played a pivotal role in securing the second prize in the Shanghai Art Museum competition through research, concept development and technical design.
- Developed detailed drawings and high-quality renderings that showcased the proposal's architectural vision and design excellence.
- Collaborated closely with cross-functional teams and partners in charge, participating in daily design sessions that enriched the proposal with innovative ideas and solutions.
- Demonstrated exceptional commitment and dedication over several months to refine and evolve the project, contributing significantly to its success in the competition.

The museum expresses the union of **Culture, Nature and Architecture**. The three main functional areas (storage, display and management) remain around three different atriums: “the hanging rock”, “the cascade” and “the garden”.

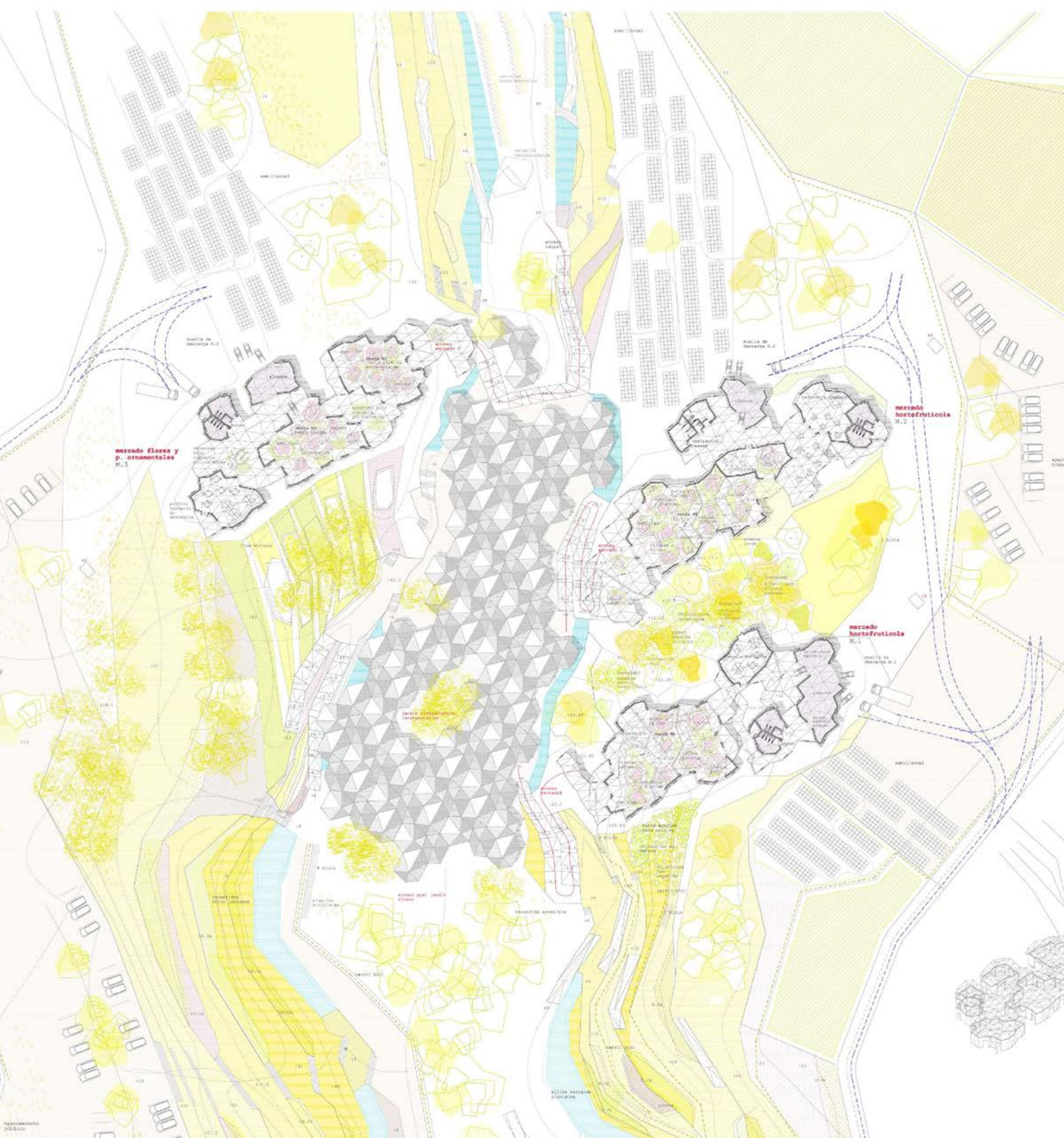
The collection has a thousand years of history, and visiting the museum becomes a journey through time and space, where **ancient and modern stories** mix. Visitors experience the space step by step, scenery by scenery, in a three-dimensional landscape painting mood.



Ground floor plan



Interior view



MERCADOS

Program: Agricultural, educational and commercial complex.

Location: Cadiz, Spain

Master Thesis 2012

Sustainable Landmark as a Catalyst for Economic Integration in Cádiz, Spain

This master thesis project proposes a sustainable landmark in Cádiz, Spain, on a primarily agricultural site. The landmark uses a topographic process to collect and retain rainwater for later use, shaping the site into an attractive landscape for visitors. A lightweight architecture organizes the different zones according to their program, including agriculture, research, plant conservation, and commercial use. While the design is site-specific, all elements are conceived as a prototype of total recycling that can be deployed at any future location.

The project addresses two unlinked economies in Cádiz: agriculture and tourism. The landmark links and enriches these two economies by creating a program that uses agricultural resources to serve tourism in an innovative and sustainable way.

Detailed urban research processes and highly detailed construction processes inform the design.



estructuras que integran el espacio del vivero en múltiples y perfil de 3 líneas paralelas entre sí y 3 pines conforman un módulo de cual se repite desde luego a una escala de construcción (detalle).

