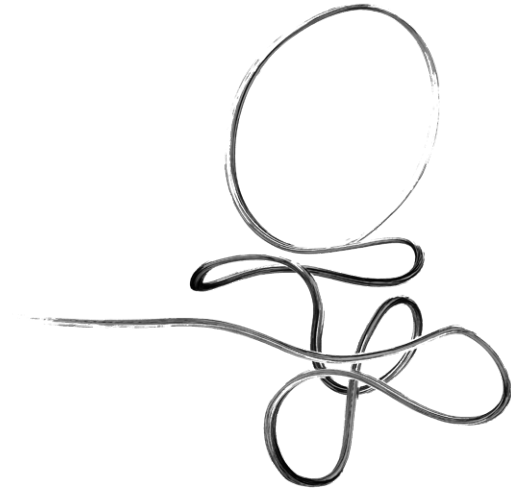


Portfolio

2021-2026

 lireza Borhani

CONTENTS



Alireza Borhani - Architectural Designer

alireza.borhani.arch@gmail.com

[Alireza Borhani | Portfolio](#)

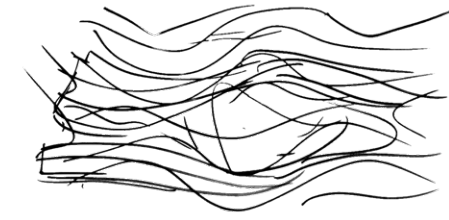
(716) 295-3652

I was born into a family of architects and raised in an artistic environment where art and architecture were inseparable from everyday life. Growing up among musicians, painters, and sculptors, drawing became my first language and shaped a design approach rooted in vitality and exploration. This foundation drives me to blur the boundaries between art and architecture, approaching spatial challenges with curiosity, criticality, and a willingness to experiment. Through architectural design and digital modeling, I translate conceptual ideas into refined and meaningful forms. I continuously seek new systems and expressions, guided by an evolving design philosophy grounded in sensitivity and judgment. I am driven to expand the boundaries of design and grow into a thoughtful contributor to the future of architectural practice.



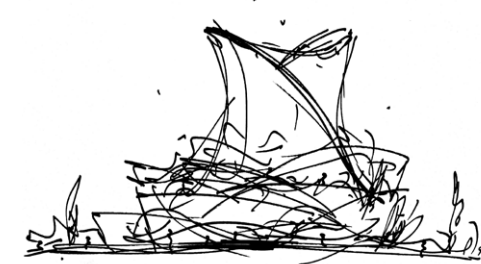
CANVAS

4-21



STRATA

22-31



WAVESCAPE

38-51



AURORA

52-59



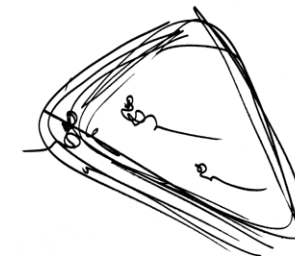
BLACK HILLS

60-65



FREEDOM

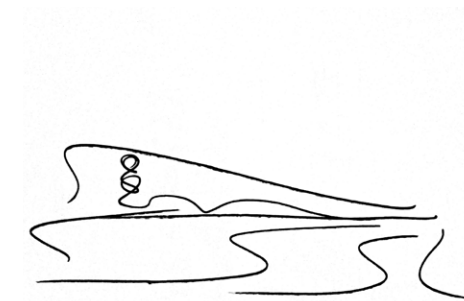
66-73



UB Ellicott Terrace

CANNONDESIGN

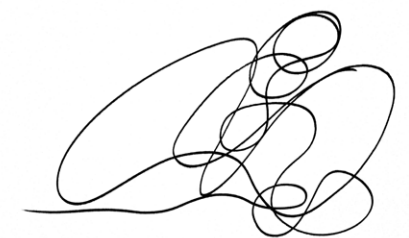
74-79



Phoenix

porada

80-83



DREAM WINGS

porada SIT FURNITURE DESIGN AWARD

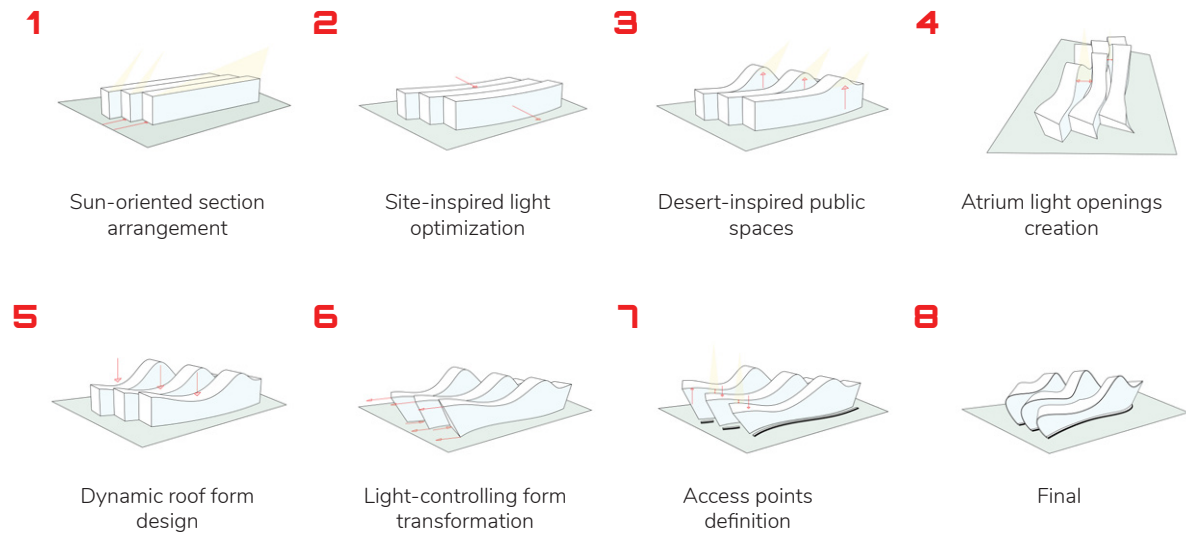
84-91

Instructor: Dr. Maziar Ghaseminia
2023
Museum and Cultural Centre
Tehran, Iran

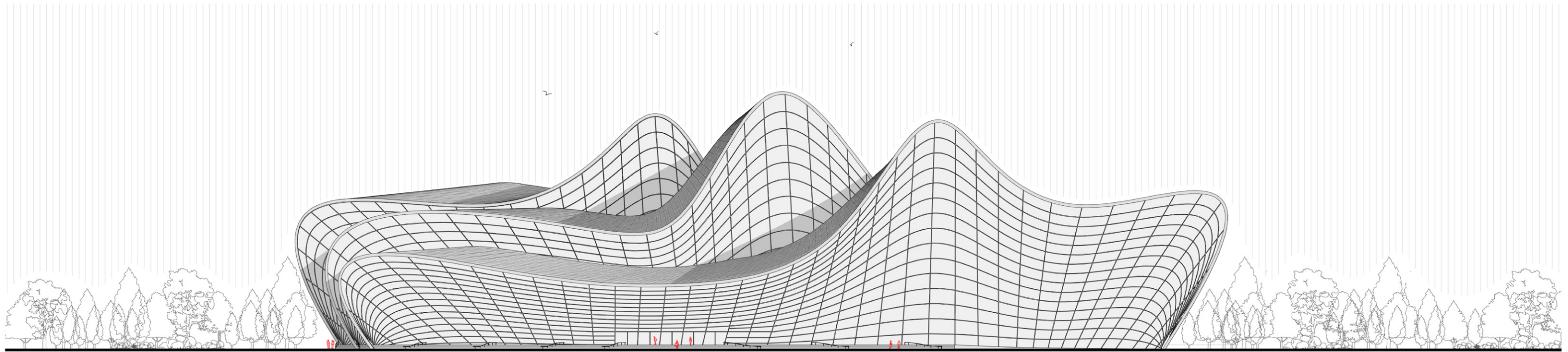


Located between Chitgar Lake and Chitgar Forest, the project addresses the area's need for cultural spaces with a museum and cultural center inspired by Iranian artists. Drawing from Iran Darroudi and her book, *Between Two Points*, and the Iranian desert, the design blends site accessibility, geometry, and natural light to create an artwork-like form within the landscape. Floating galleries and a dynamic atrium shape immersive spaces, while expansive east and west glass facades frame views and house public areas, enhancing the visitor experience.

Design Process



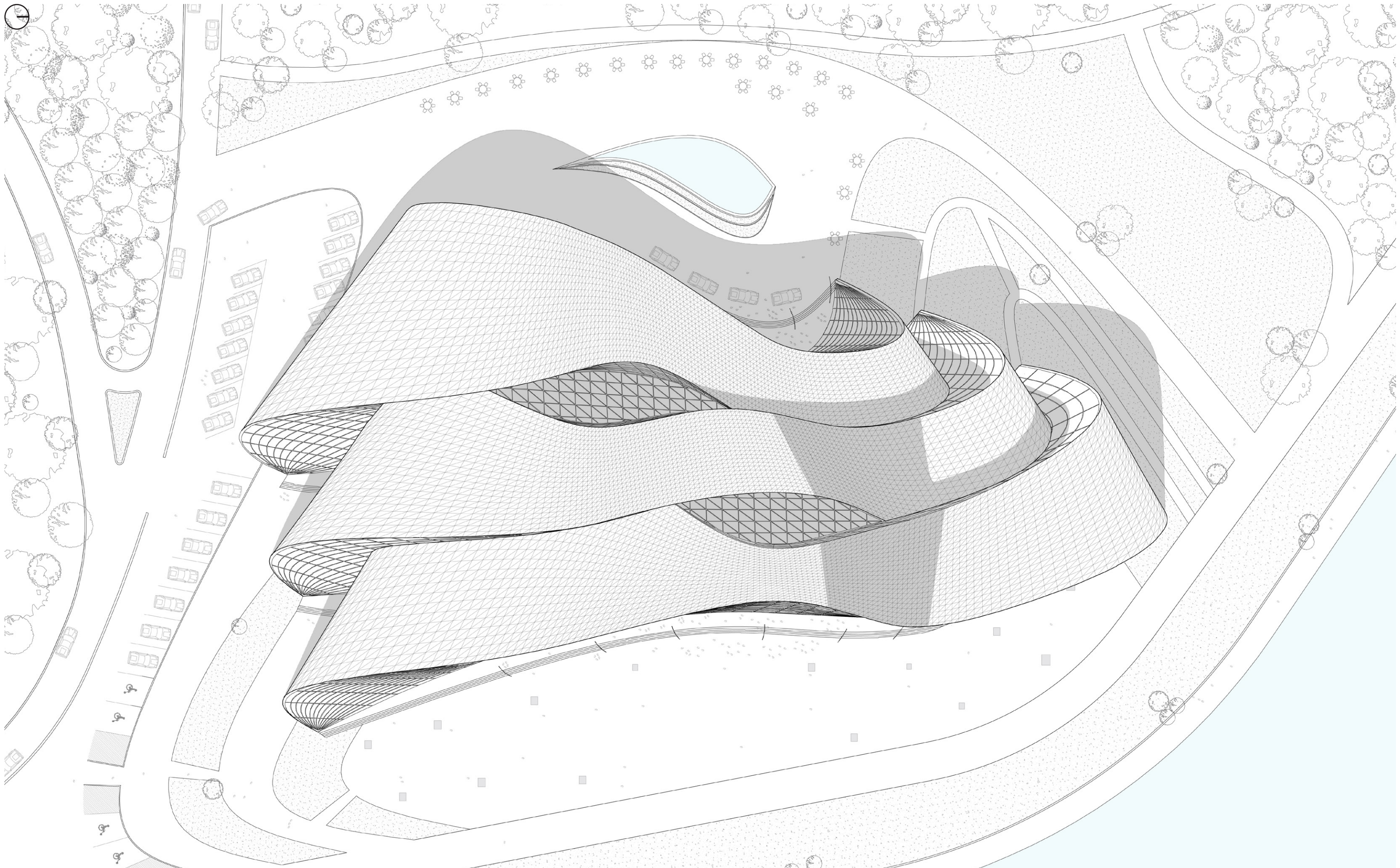
3D-Printed Massing Model | 1.64

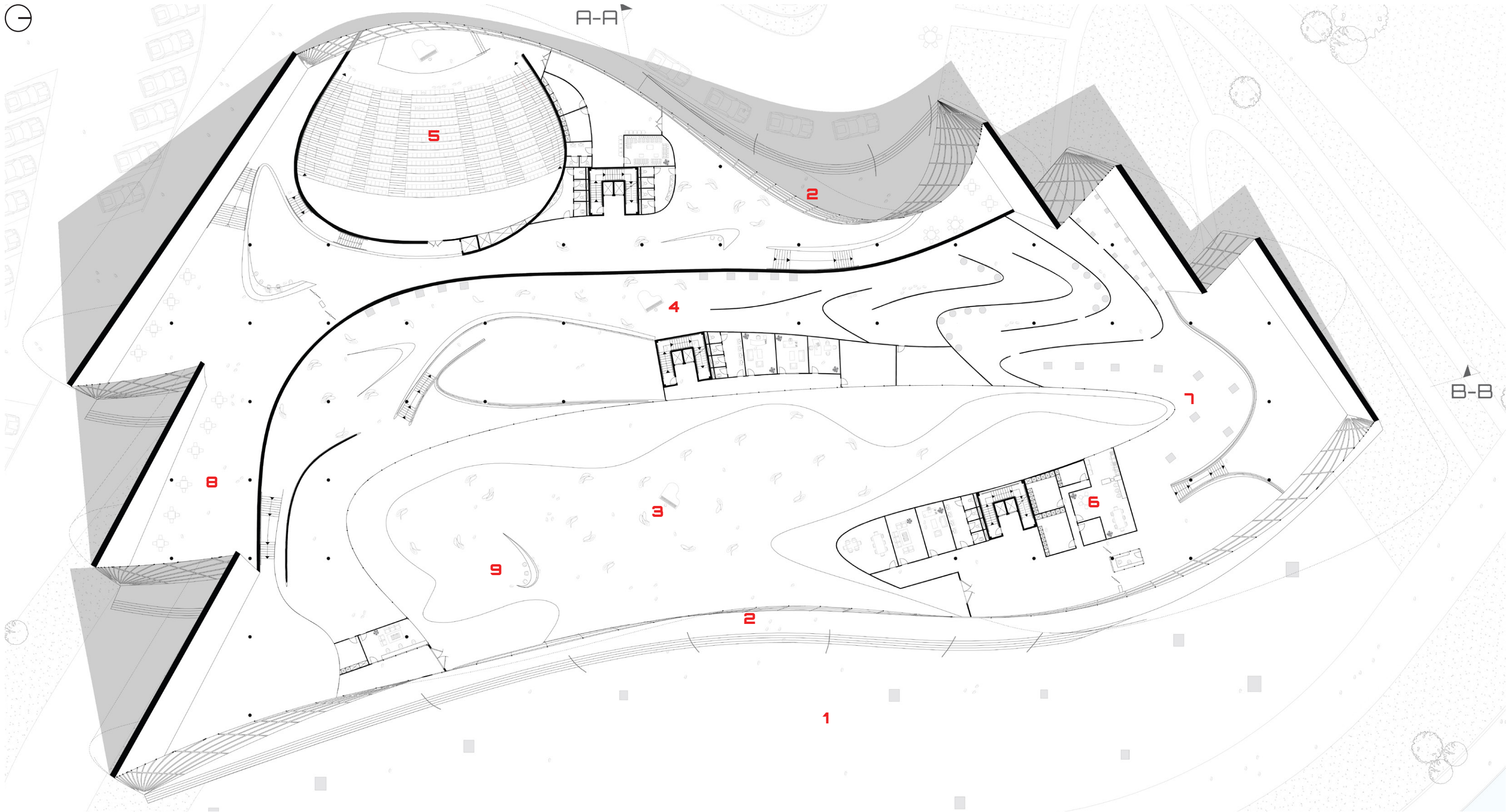


00 10m

East Elevation





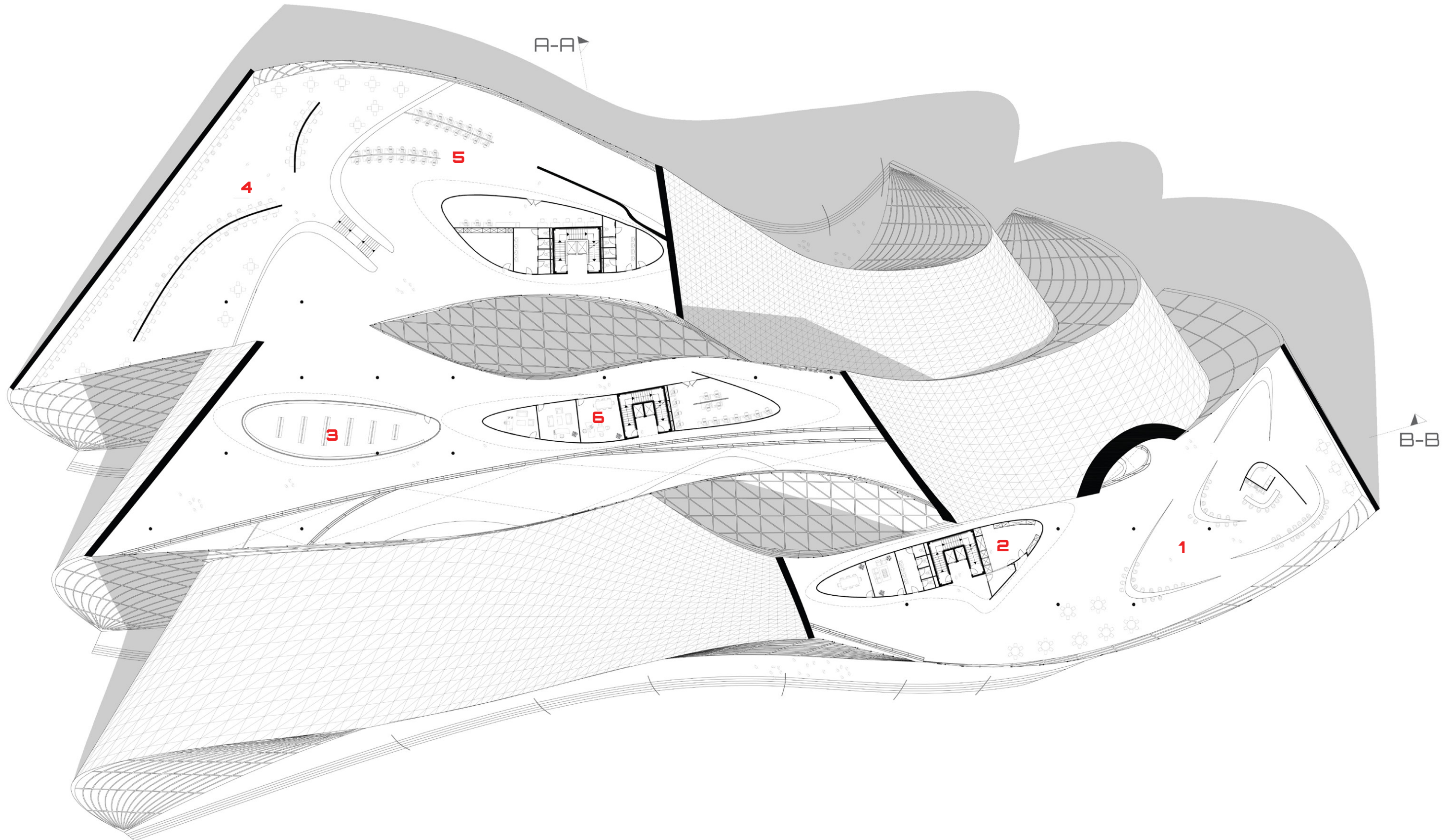


0 10m

1st Floor

- | | | |
|--------------------------|-----------------------|--------------------|
| 1 Open Exhibition | 4 Gallery | 7 Museum |
| 2 Main Entrance | 5 Amphitheater | 8 Lobby |
| 3 Atrium | 6 Services | 9 Reception |

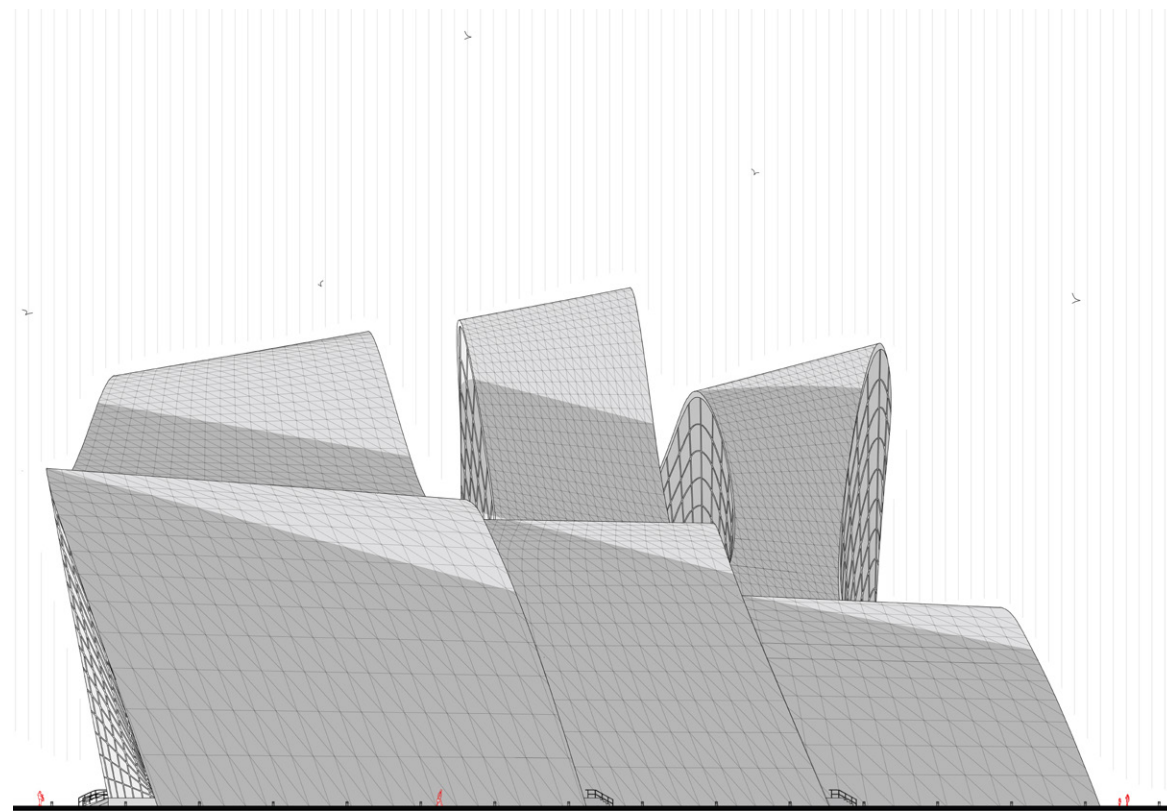




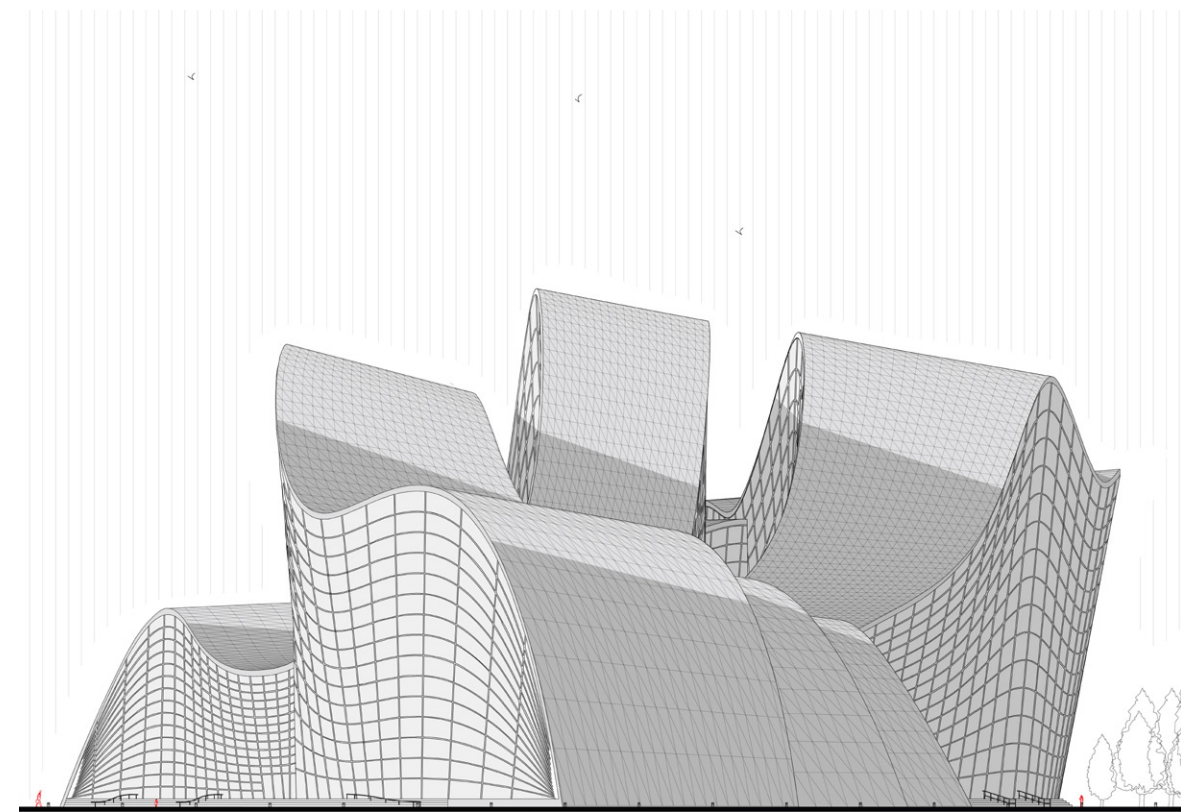
0 0 10m

4th Floor

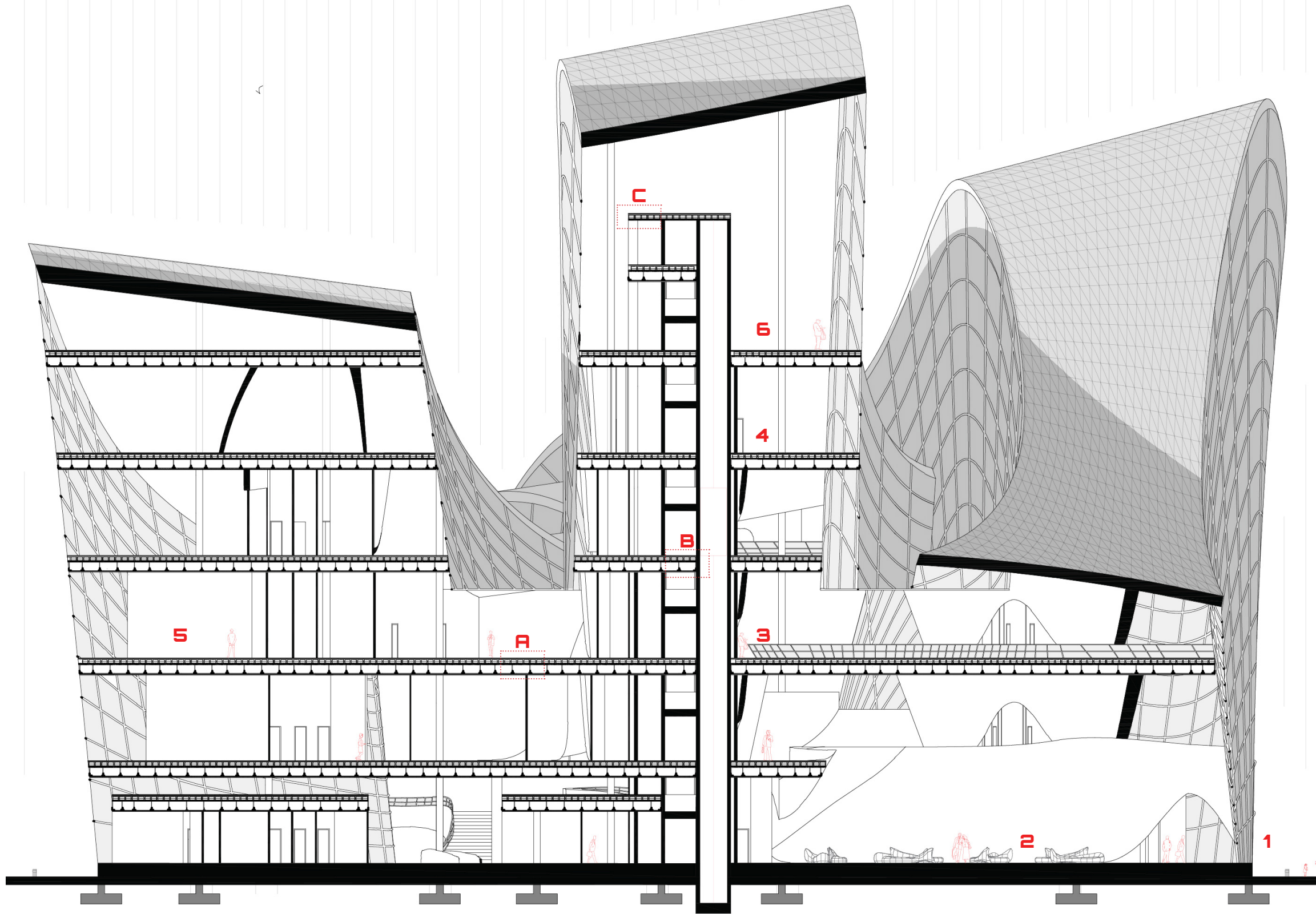
- 1** Coffee shop
- 2** Services
- 3** Library Store
- 4** Reading Zone
- 5** Research Zone
- 6** Offices



00 10m
South Elevation



00 10m
North Elevation

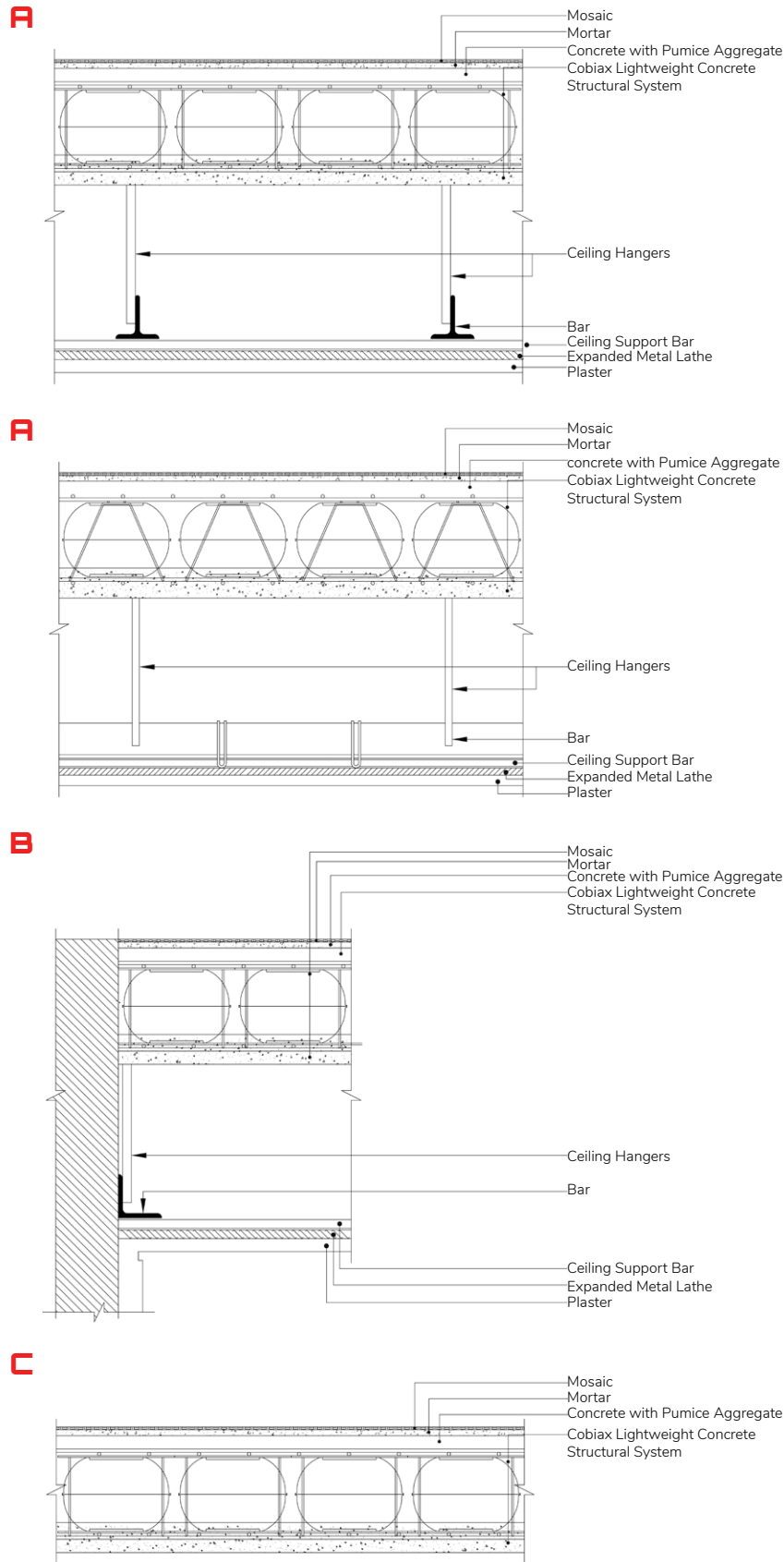


0 12m

A-A Section

- 1** Main Entrance
- 2** Atrium
- 3** Galleries
- 4** Services
- 5** Multi Purpose Halls
- 6** Exhibitions

Details



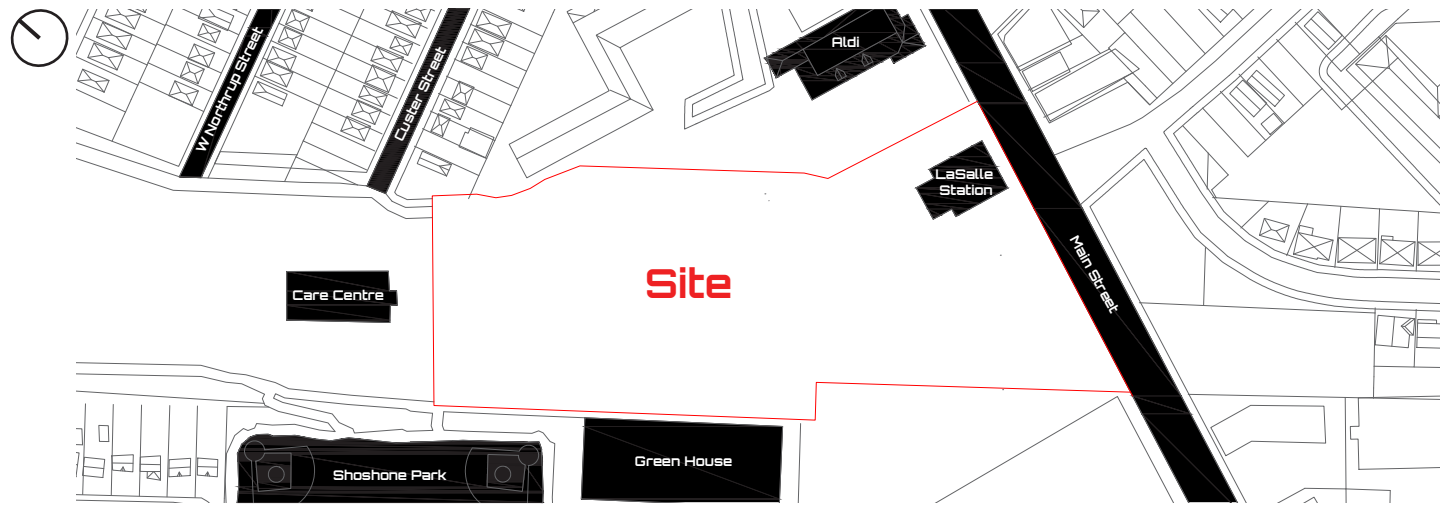
Instructor: Jonathan White, Nicole White
2025
Residential Complex
Buffalo, NY

**Selected for ARC 605 "In Process" Exhibition
Fall 2025**

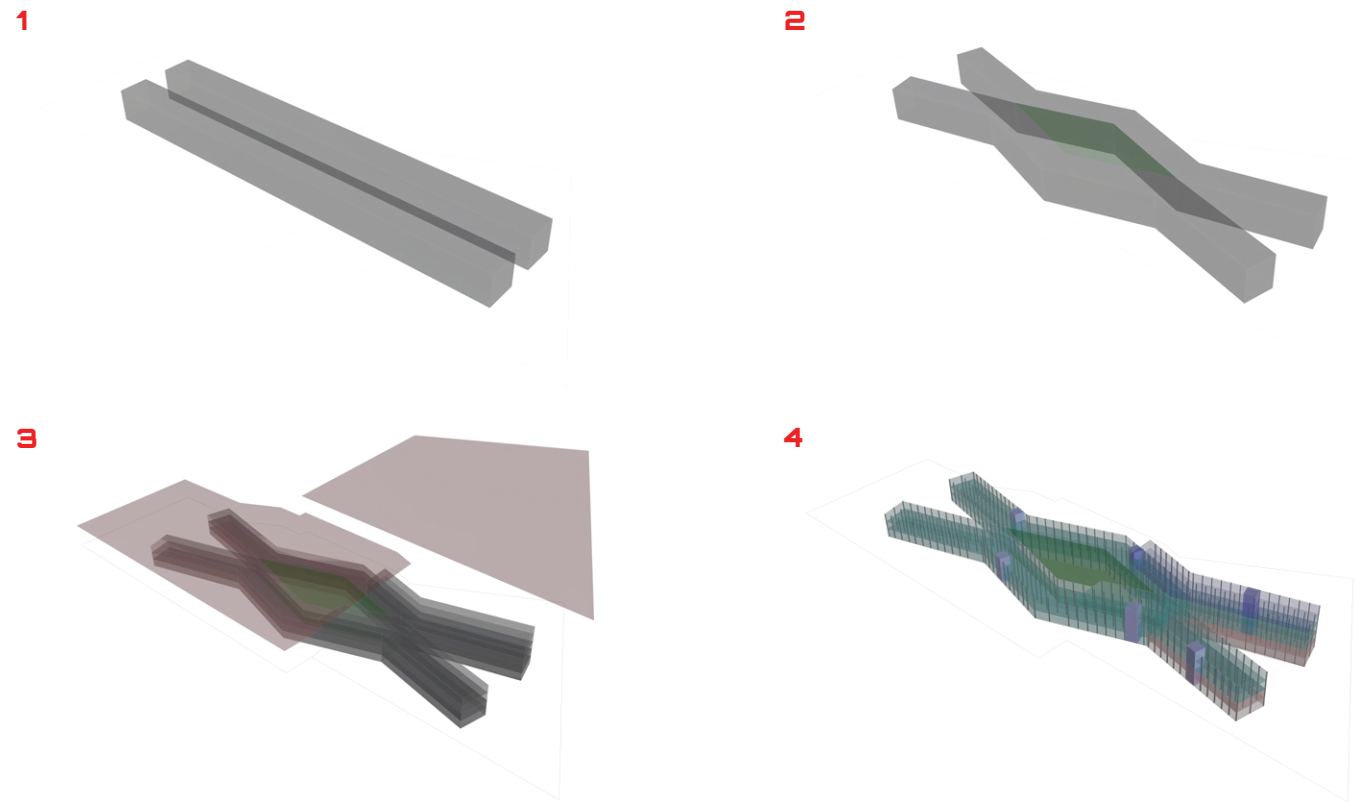
This project aims to introduce a fresh approach to universal design—one in which required standards meet vibrant, dynamic, and future-oriented architecture, forming a richer and more expressive design language. Located beside the LaSalle Station and adjacent to Shoshone Park in Buffalo, the project responds to the rhythms of Transit-Oriented Development, where movement, flow, and landscape shape the core spatial ideas. The building behaves like a living organism, formed through fluid landscape lines that act as “veins of the earth,” connecting the main street to the heart of the site. These dynamic pathways generate a variety of public and semi-public spaces, strengthening both social interaction and visual connections to the surrounding green areas. Conceived as an urban hub, the project is organized into layers of public outdoor zones, a central lobby as the social connector, and private residential units. Considering Buffalo’s long winters, a central Winter-garden is introduced as a year-round, climate-protected gathering space. The massing rises gradually from the west—toward the green slopes—up to the eastern edge, preserving the area’s skyline. Altogether, the project offers a future-oriented vision for Buffalo—one where universal design becomes dynamic, humane, and deeply interconnected with movement, nature, and urban life.



Site

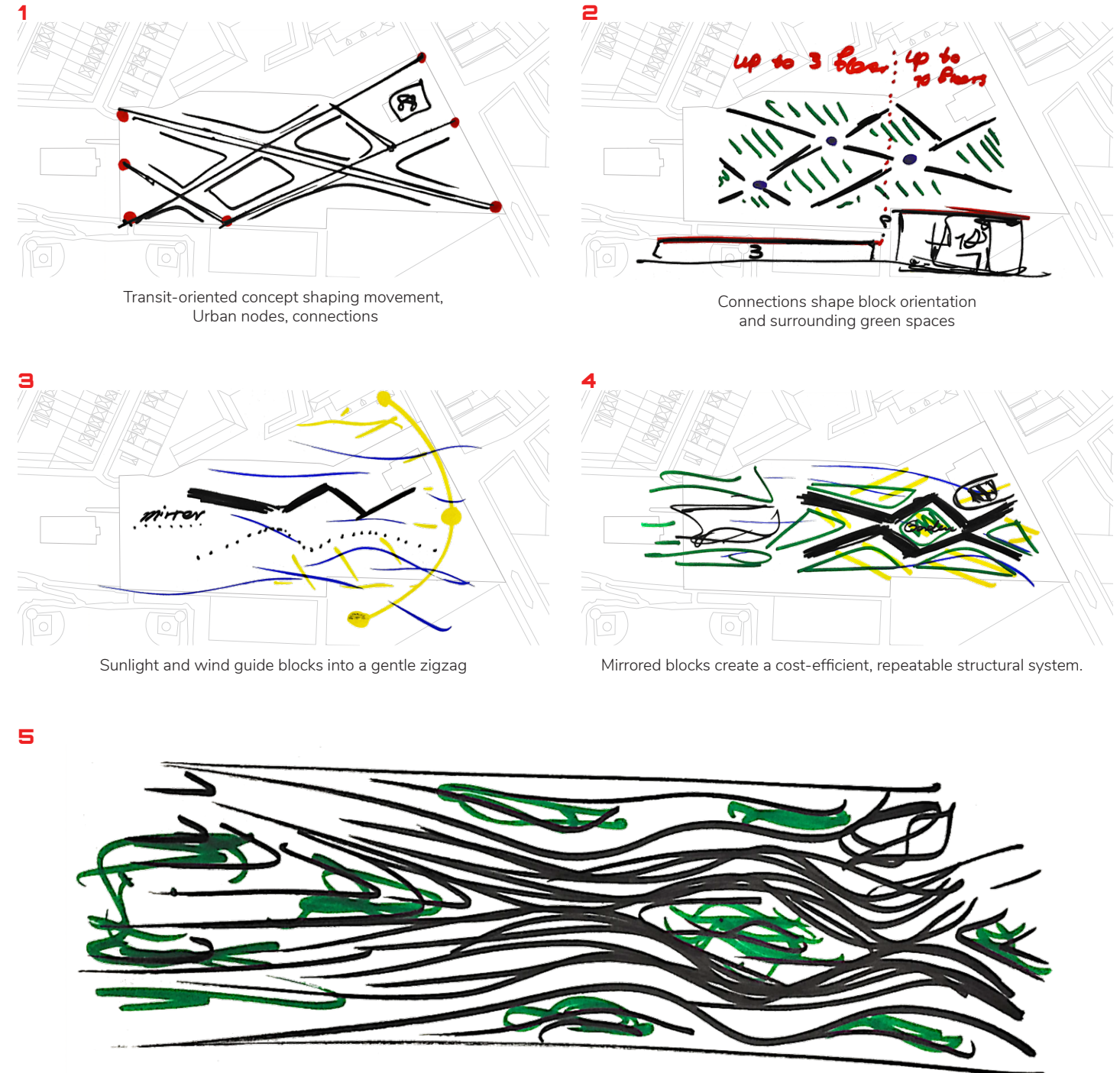


Mass Strategy



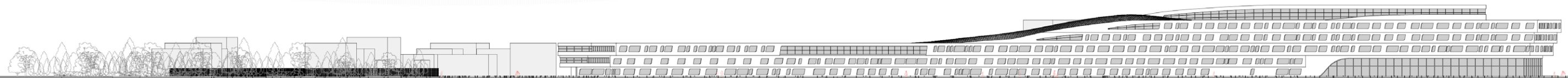
- Initial Mass
- Egress
- Residential
- Columns
- Commercial
- Height Limitation
- Community Garden

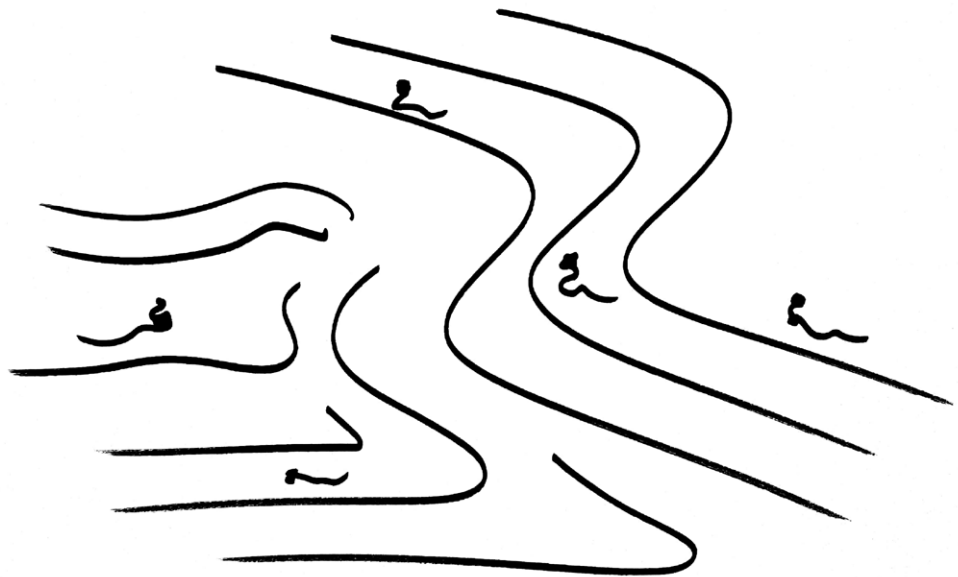
Design Process

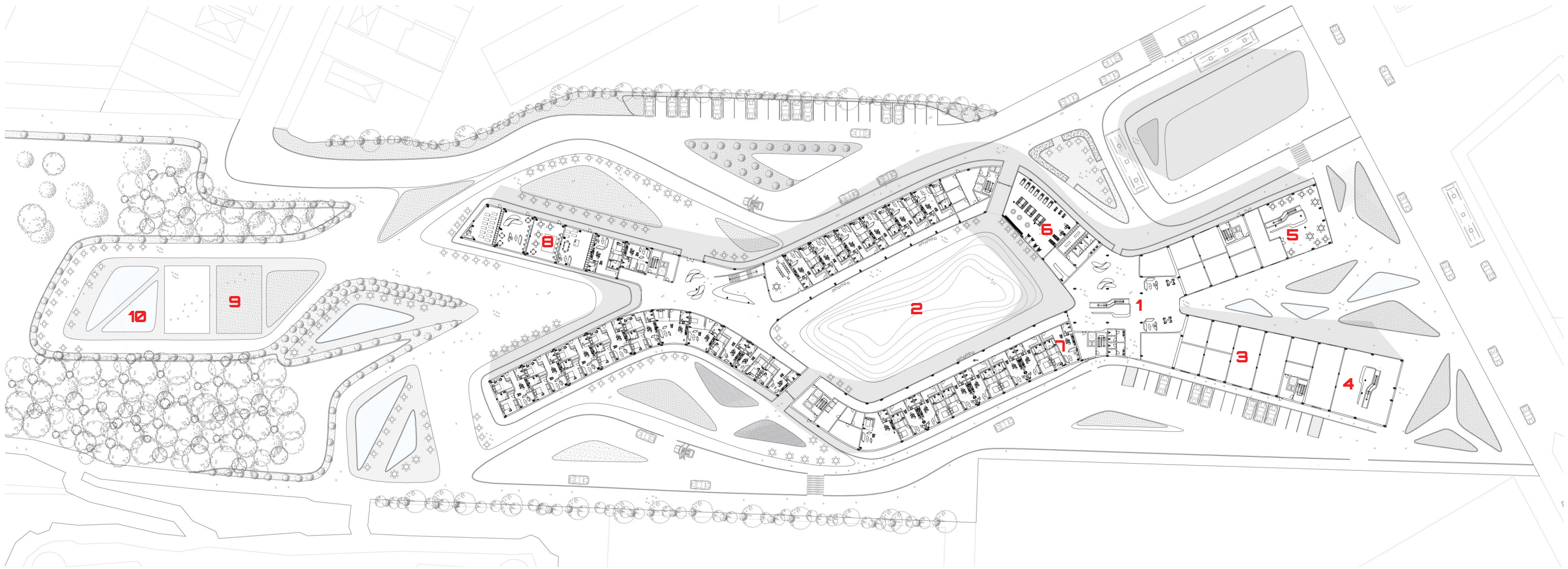


The residential blocks come to rest beside one another like fluid, interwoven layers—softly touching, quietly entwined. Their meeting points breathe a gentle continuity, letting movement drift across the site and rise through the upper levels in a calm, effortless flow.

West Elevation

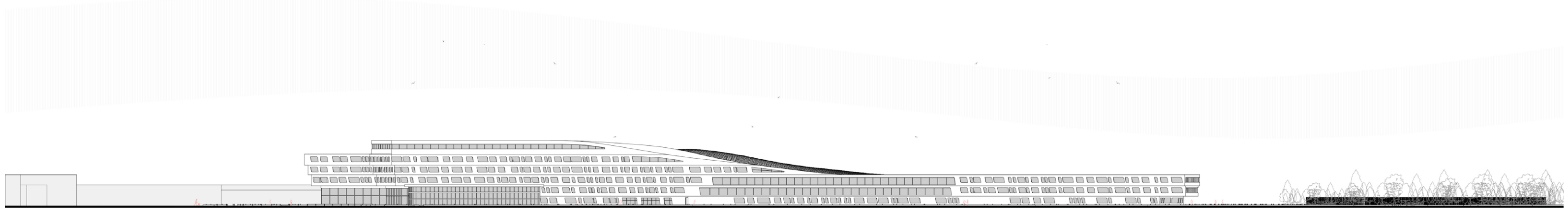




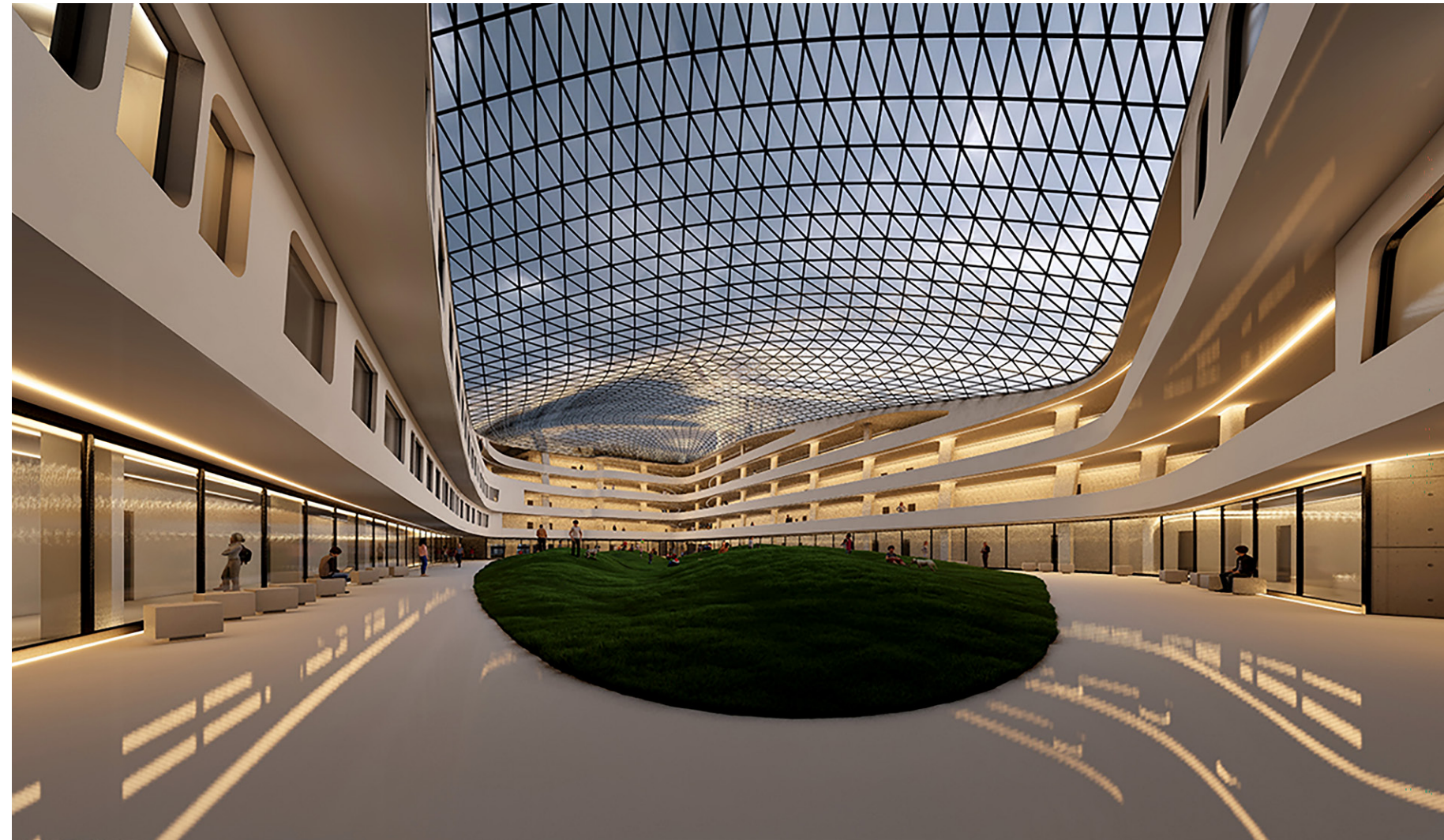
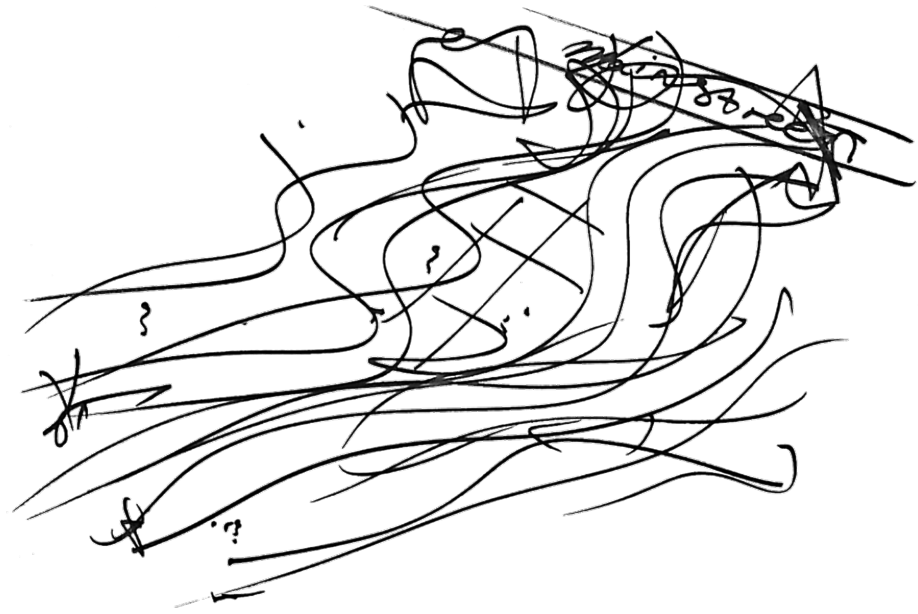


1st Floor

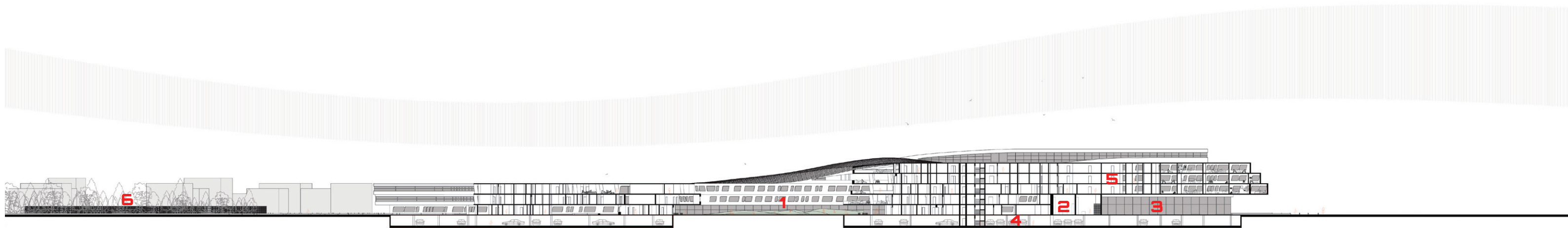
- | | | |
|---------------------------|----------------------------|---------------------------|
| 1 Lobby | 5 Restaurant | 9 Volleyball court |
| 2 Community Garden | 6 Gym | 10 Exterior Pools |
| 3 Shops | 7 Residential Units | |
| 4 Gallery | 8 Amenities | |



East Elevation



Community Garden

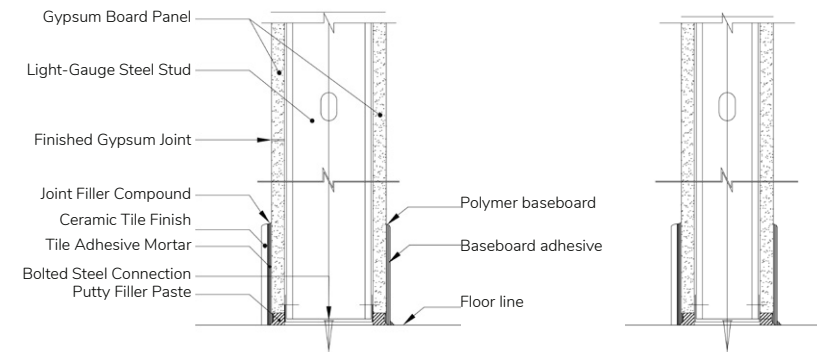
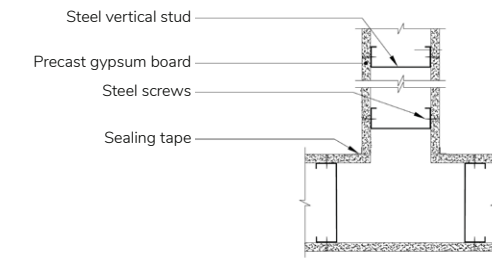
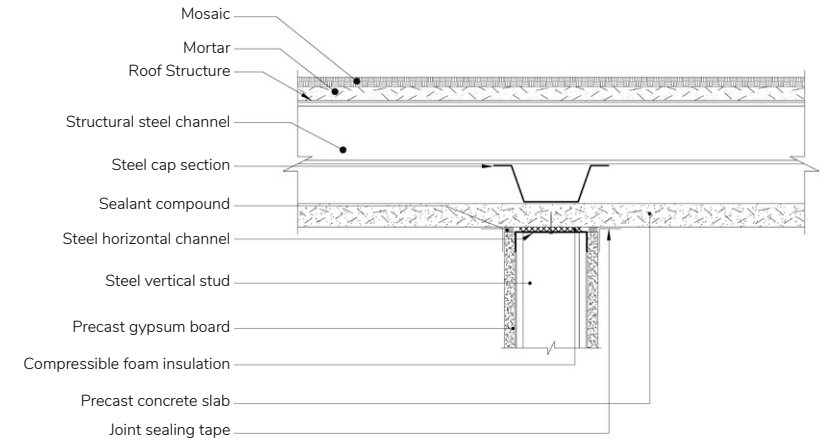


West Section

- | | | |
|---------------------------|------------------|----------------------------|
| 1 Community Garden | 3 Gallery | 5 Residential Units |
| 2 Shops and Retail | 4 Parking | 6 Shared Area |



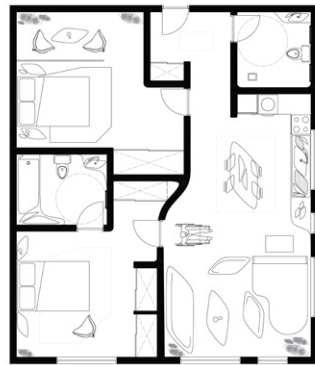
Details



20' 10"

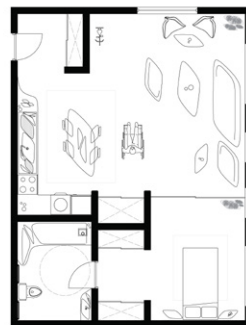
5th Floor

1



2 Bedrooms
1050 sq feet

2



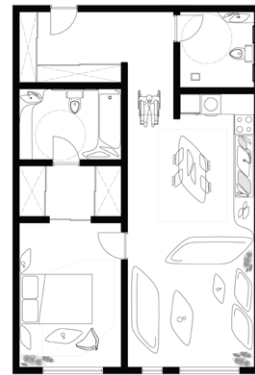
Studio
768 sq feet

3



Studio
575 sq feet

4



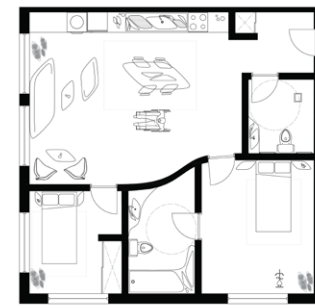
1 Bedroom
900 sq feet

5



1 Bedroom
900 sq feet

6



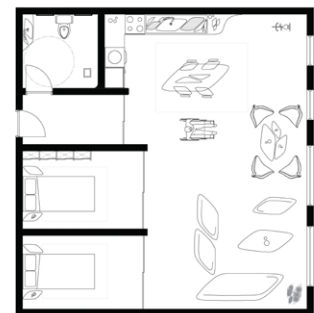
2 Bedrooms
870 sq feet

7



1 Bedroom
720 sq feet

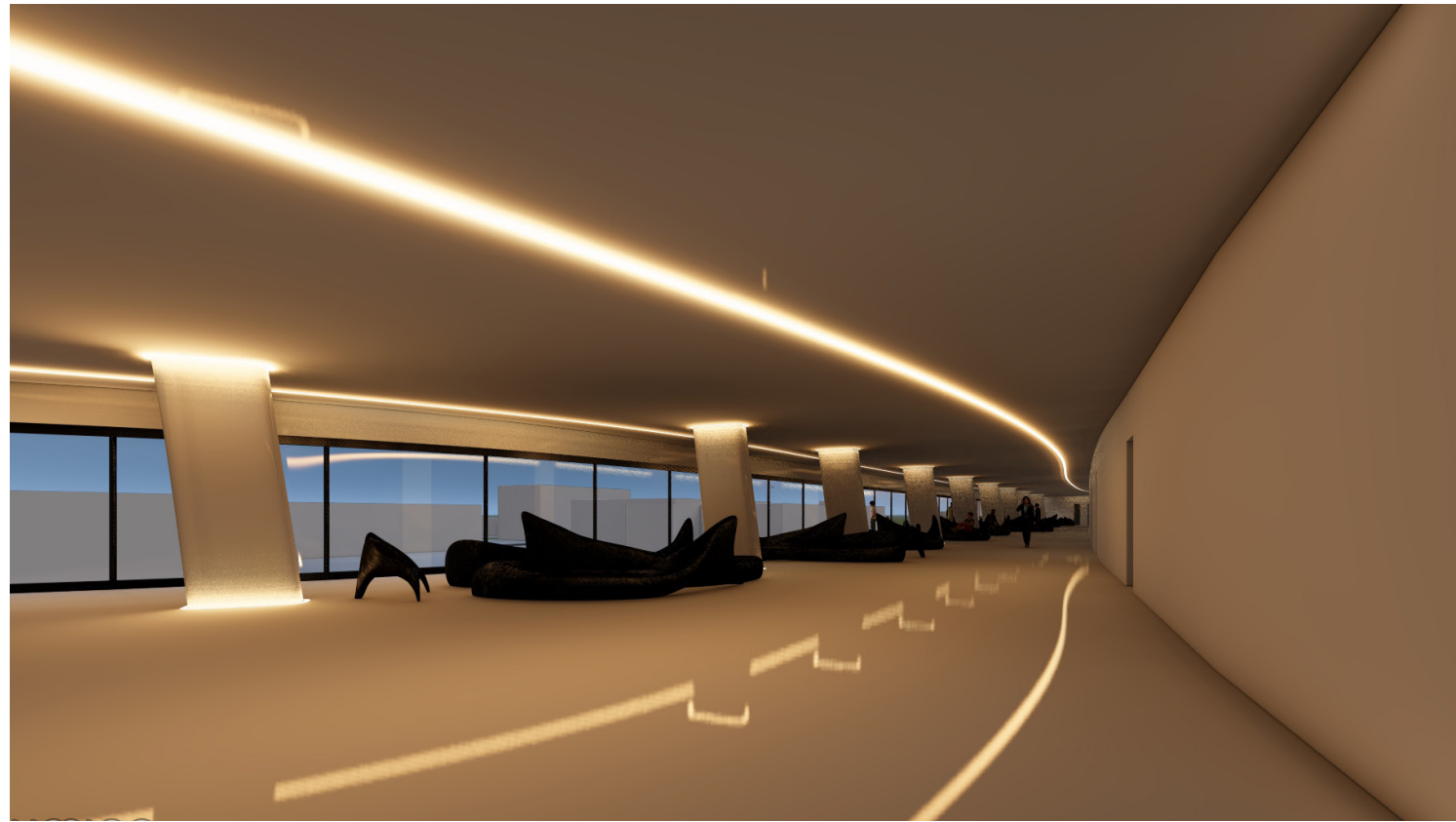
8



2 Bedrooms
870 sq feet

Unit Types





Shared Area



North Edge



View to Central Community Garden



West Edge

WAVESCAPE

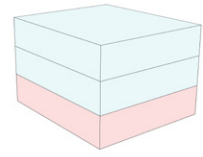
Instructor: Dr. Maryam Behrouzi
2022
Hotel and Commercial Centre
Mazandaran, Iran

Located in MahmoudAbad by Naft Beach, this hotel blends commercial and recreational spaces, reflecting the Caspian Sea's motion. Fluid forms and circulation transition from public to private, with a top-floor café and restaurant offering 360-degree views. Aerodynamic edges reduce coastal winds, while a glass and concrete facade optimizes heat control. The upper floors capture sea, forest, and coastline views, with a central lobby enhancing connectivity and guest experience.



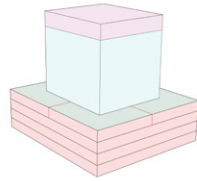
Design Process

1



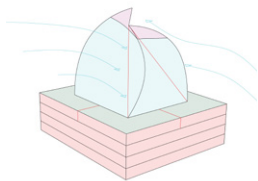
Floors division

2



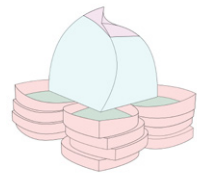
Commercial floors divided for circulation, separation, daylight

3



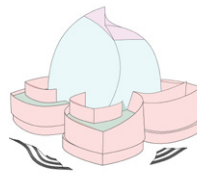
Wave-inspired form mitigating strong bidirectional winds

4



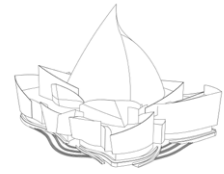
Commercial floors relocated to create rooftop garden

5



Shaping the project's entry sequence

6



Final

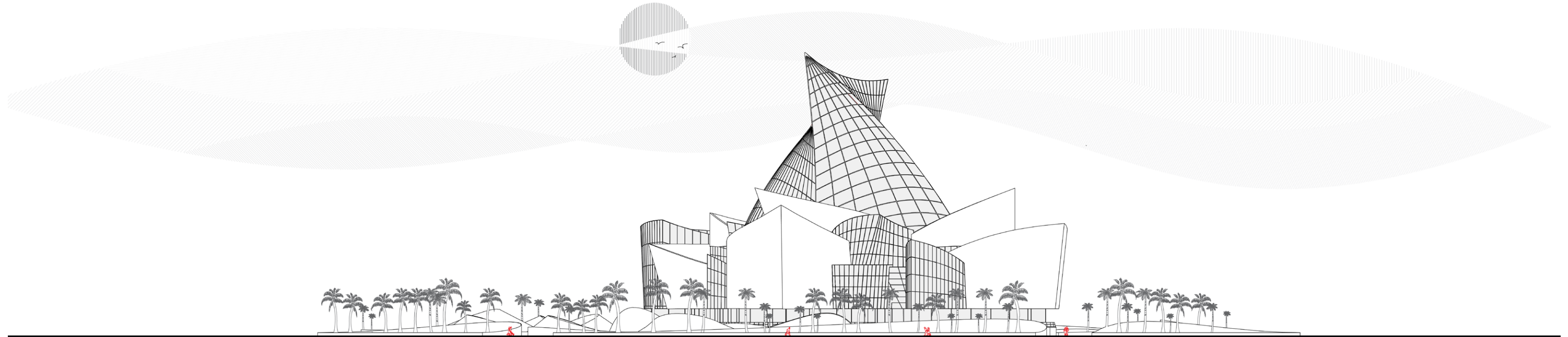


1st Floor

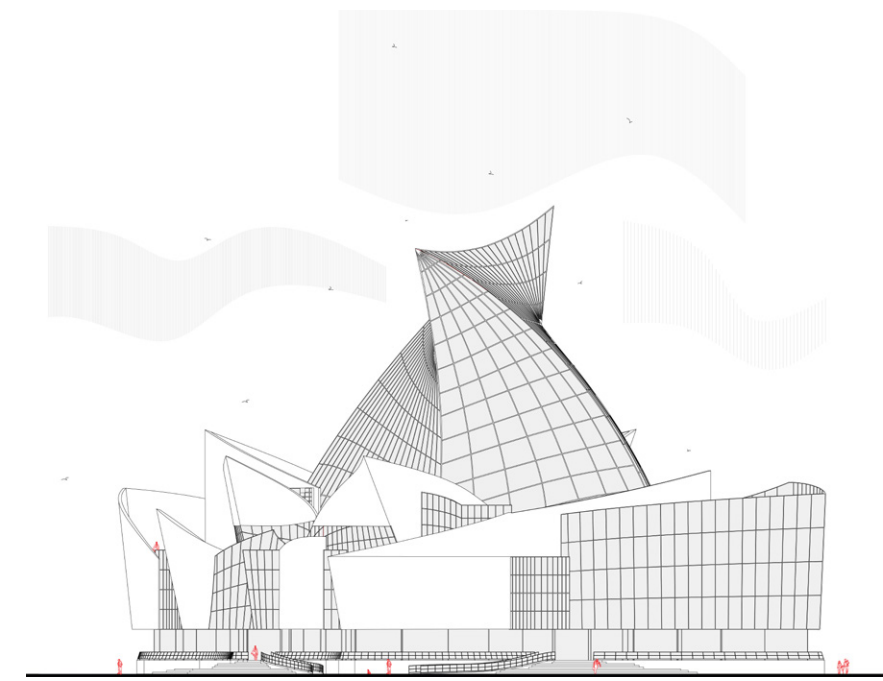
- 1 Main Lobby
- 2 Restaurant

- 3 Shops
- 4 Services

- 5 Multi Purpose Halls
- 6 Offices

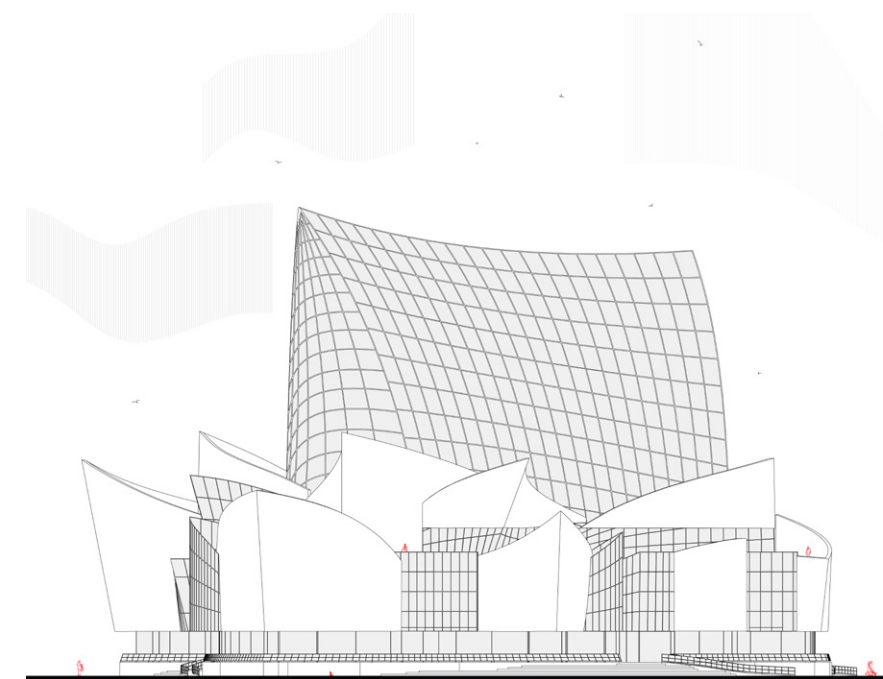


South Elevation



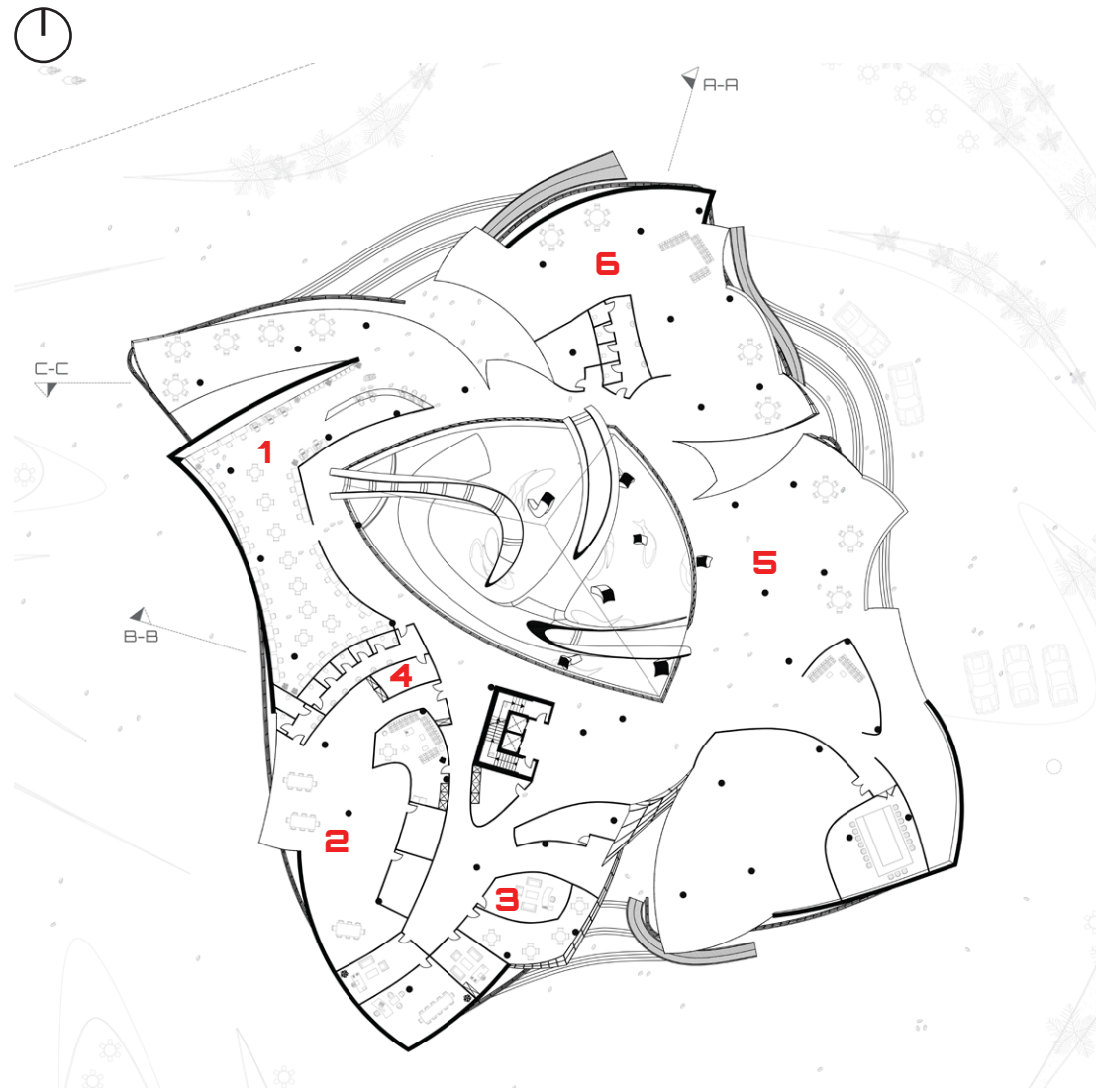
00 10m

North Elevation



00 10m

East Elevation



0 12m
2nd Floor

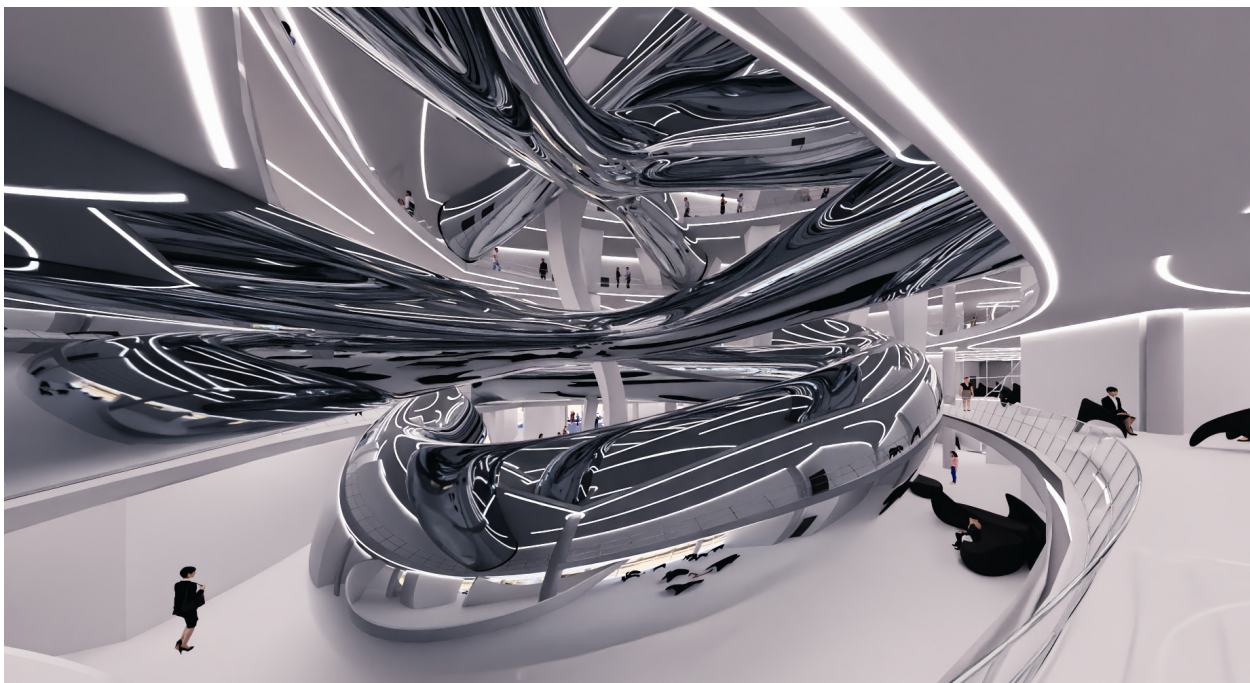
- | | | |
|-------------------------|-------------------|------------------------------|
| 1 Reading Zone | 3 Offices | 5 Multi Purpose Halls |
| 2 Coworking Area | 4 Services | 6 Relaxation Areas |



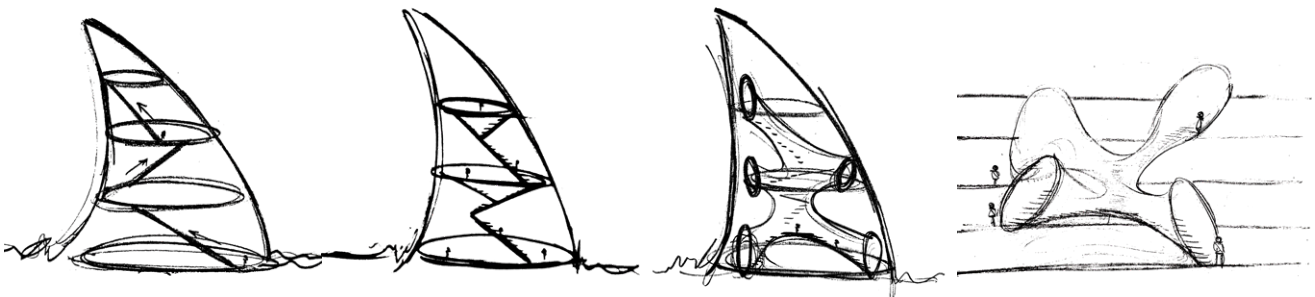
0 10m
6th Floor

- | | |
|-------------------|-----------------------|
| 1 Suites | 3 Roof Gardens |
| 2 Services | 4 Lobby |

Interior Renders



Ramp Design PROCESS



The commercial floors are connected through massive tunnels, disruptive tunnels that create a sense of movement and dynamism within the space. A disruptive connection that combines a ramp and stairs.

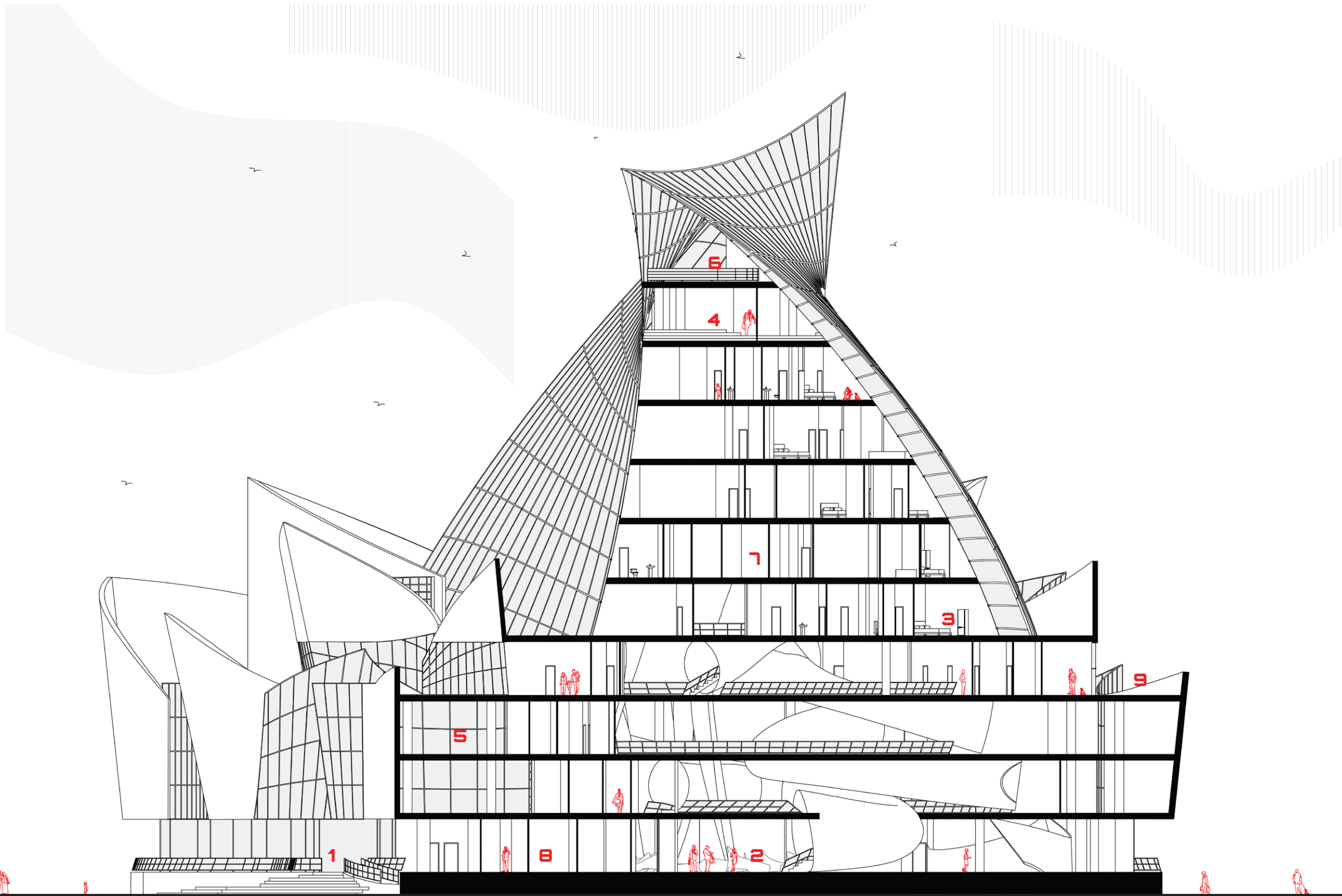


East Edge



West Edge





0.0 10m

A-A Section

- | | | |
|------------------------|------------------------------|----------------------|
| 1 Main Entrance | 4 Coffee shop | 7 Services |
| 2 Atrium | 5 Multi Purpose Halls | 8 Shops |
| 3 Suites | 6 Restaurant | 9 Roof Garden |

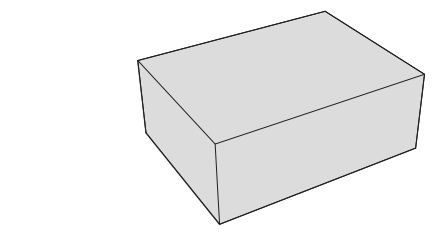


Instructor: Dr. Miguel Guitart
2025
Museum and Cultural Centre
In Collaboration with Sukriti Sharma
Buffalo, NY

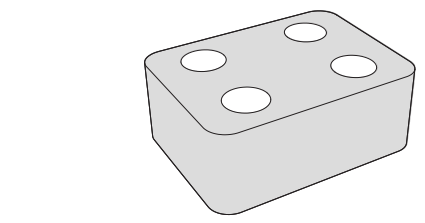
This museum is designed to offer generous and welcoming spaces to its visitors. The architectural concept is centered around creating a smooth, fluid circulation experience by employing dynamic, flowing geometries. At the heart of the museum is a large, open atrium, filled with natural light, serving as a vibrant core around which all galleries and program spaces are organized. The lobby, placed at the center of the atrium, acts as a navigation hub, effortlessly guiding users toward the different galleries and service areas. The architectural language of the project focuses on soft, continuous forms that evoke a sense of movement and belonging — a spatial narrative that mirrors the constant flow of time, history, and art. The gently curving walls, enhanced by integrated linear lighting, subtly direct visitors along their journey through the museum. These rhythmic elements not only enrich the spatial experience but also emphasize the organic and dynamic character of the design, making every step within the museum feel intuitive, alive, and connected.



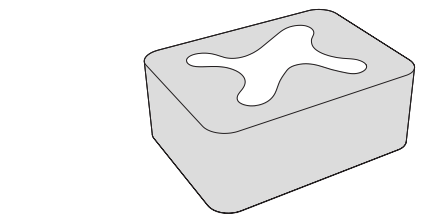
Design Process



1 Initial Mass

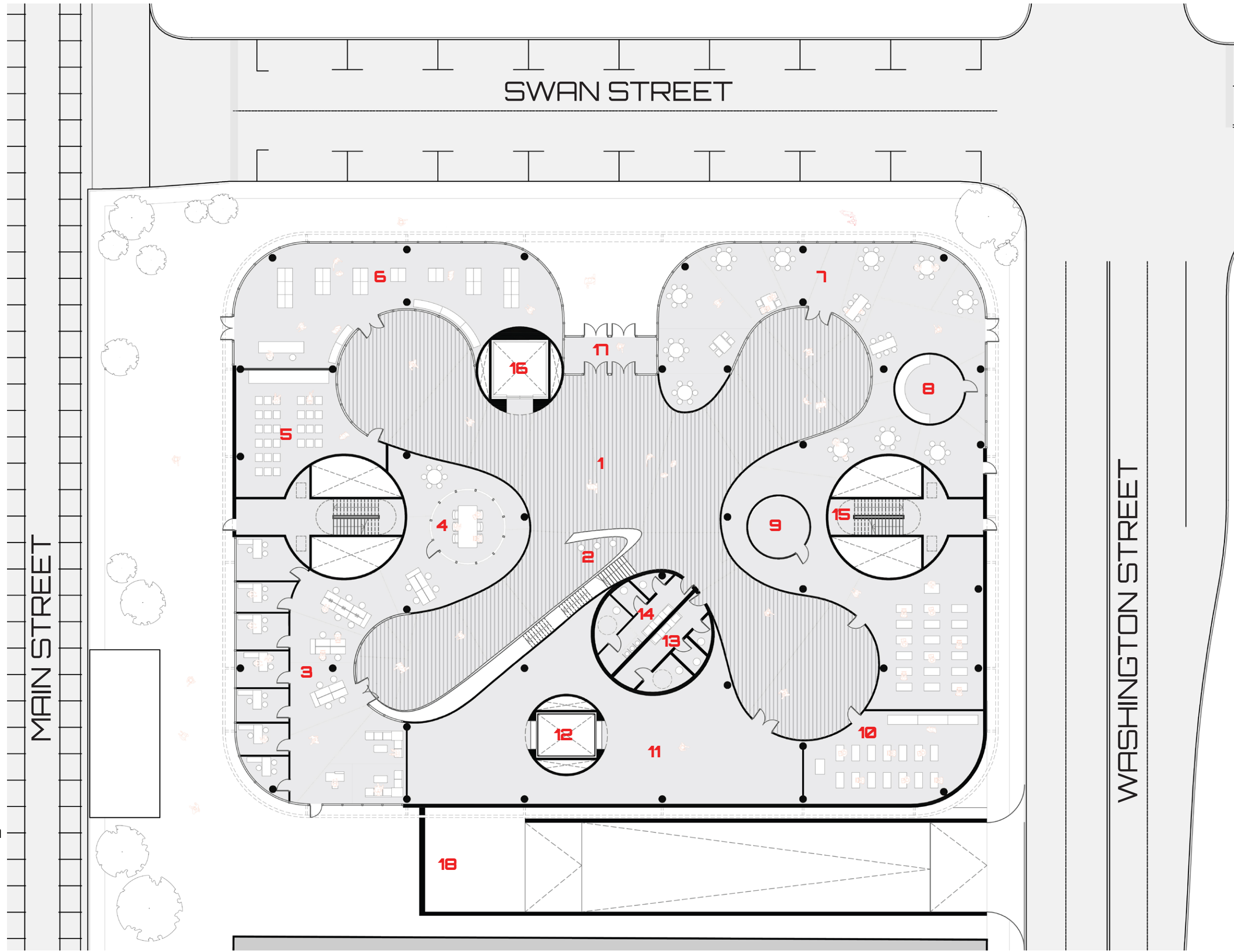


2 Daylight

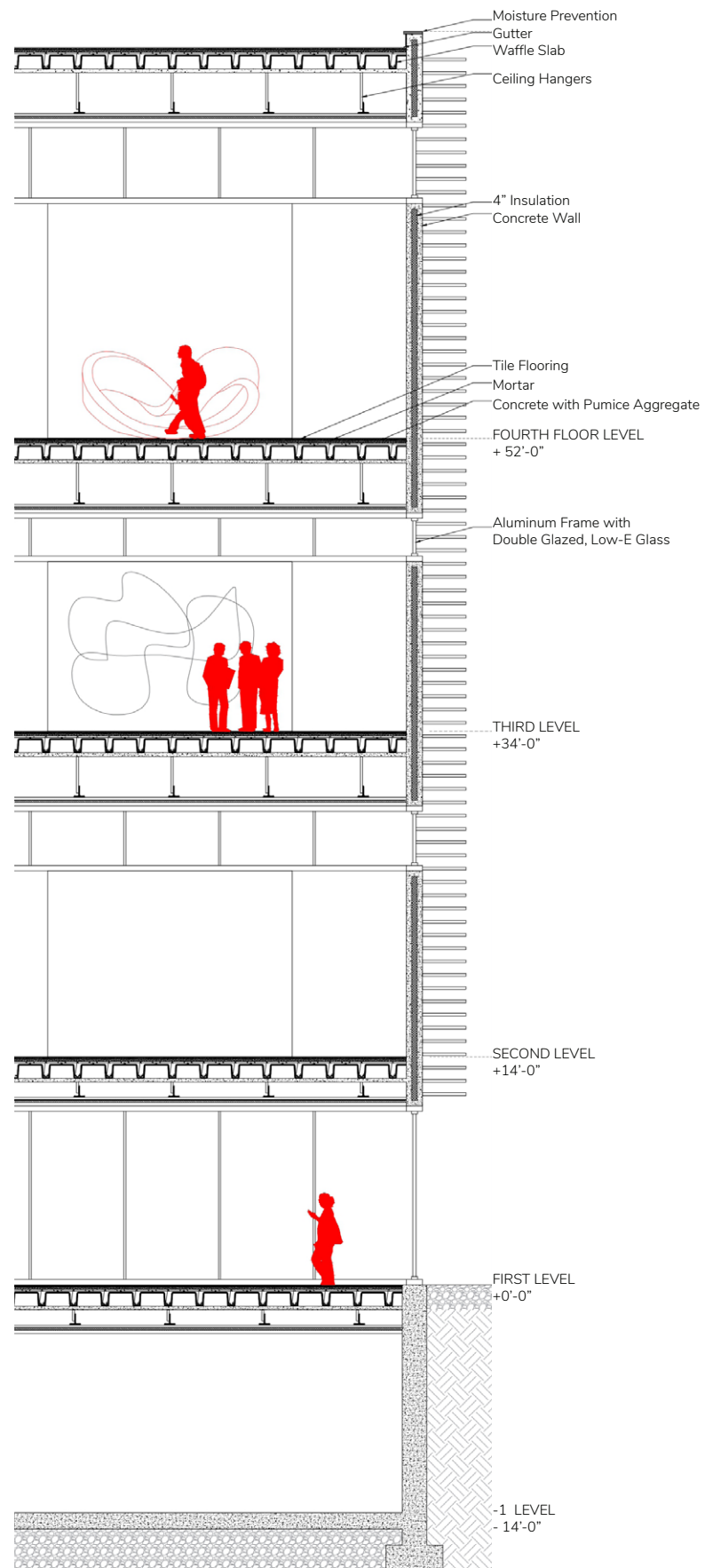


3 Dynamic Circulation

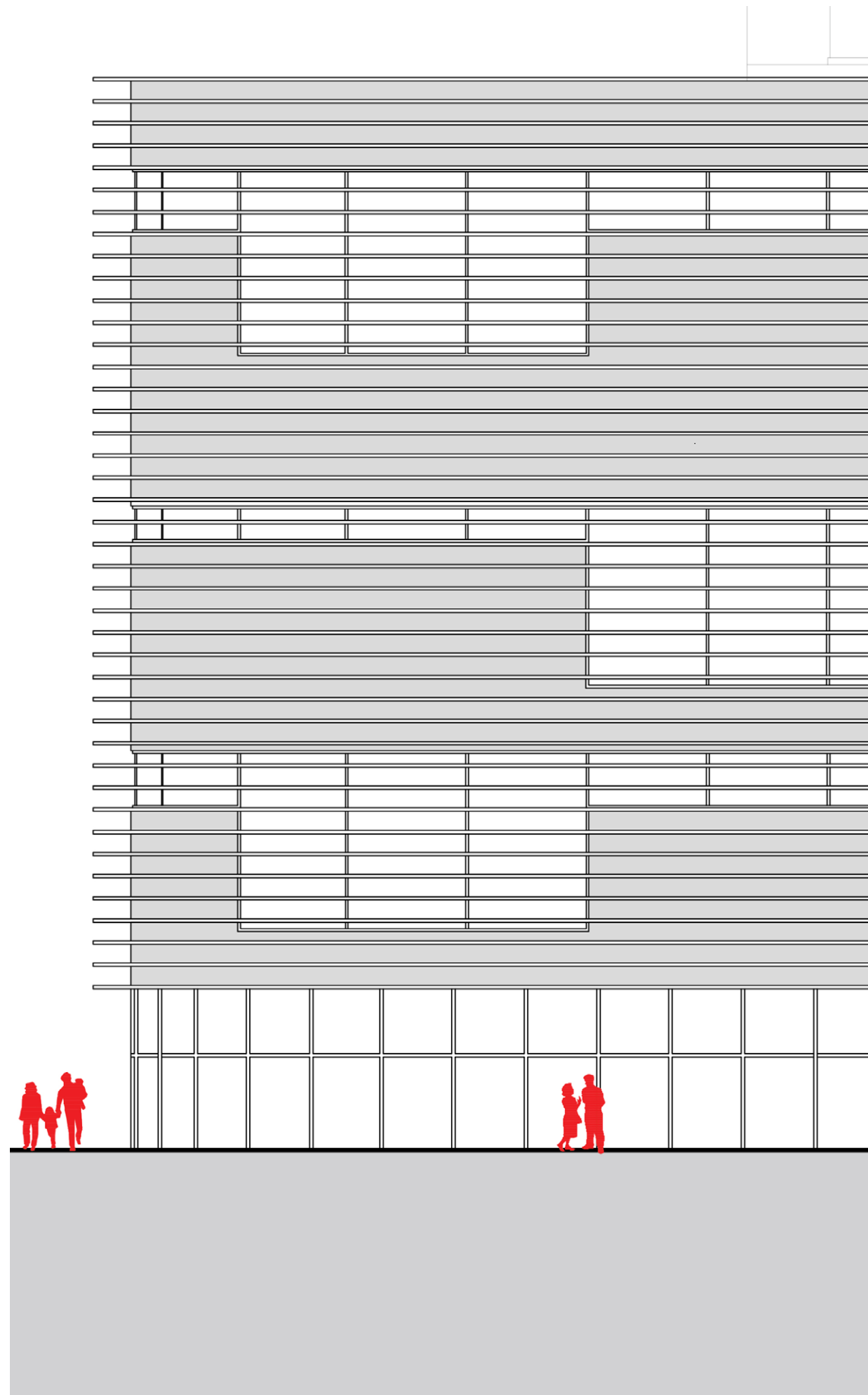
- 1 Atrium
- 2 Reception
- 3 Office
- 4 Meeting Room
- 5 Public Forum
- 6 Gallery Shop
- 7 Cafeteria
- 8 Kitchen
- 9 Digital Study
- 10 Classroom
- 11 Art Store
- 12 Art Elevator
- 13 Bathroom Women
- 14 Bathroom Men
- 15 Egress
- 16 Elevator
- 17 Main Entrance
- 18 Parking Entrance



1st Floor



Wall Section



System Facade



3rd Floor Gallery



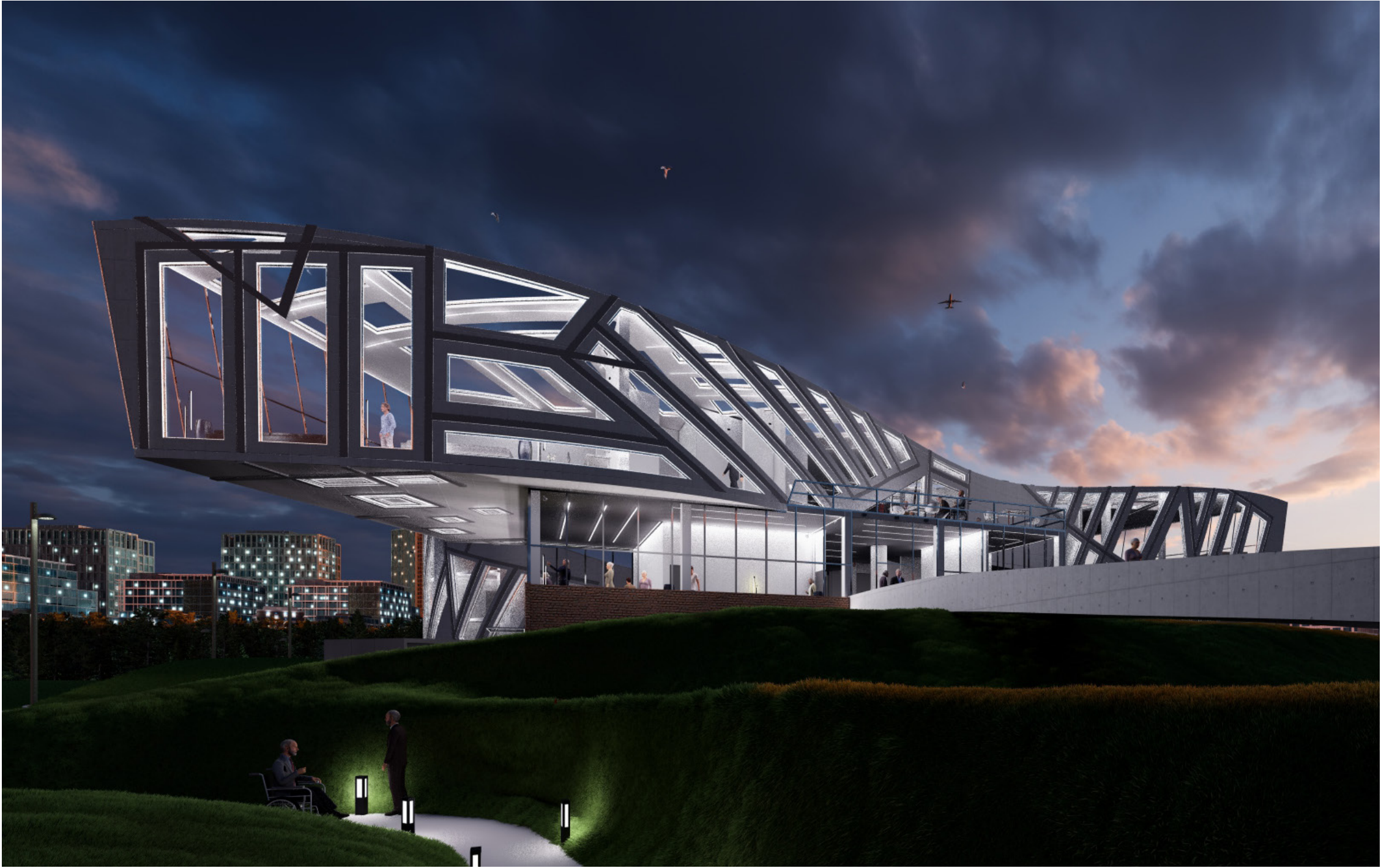
4th Floor Exhibition

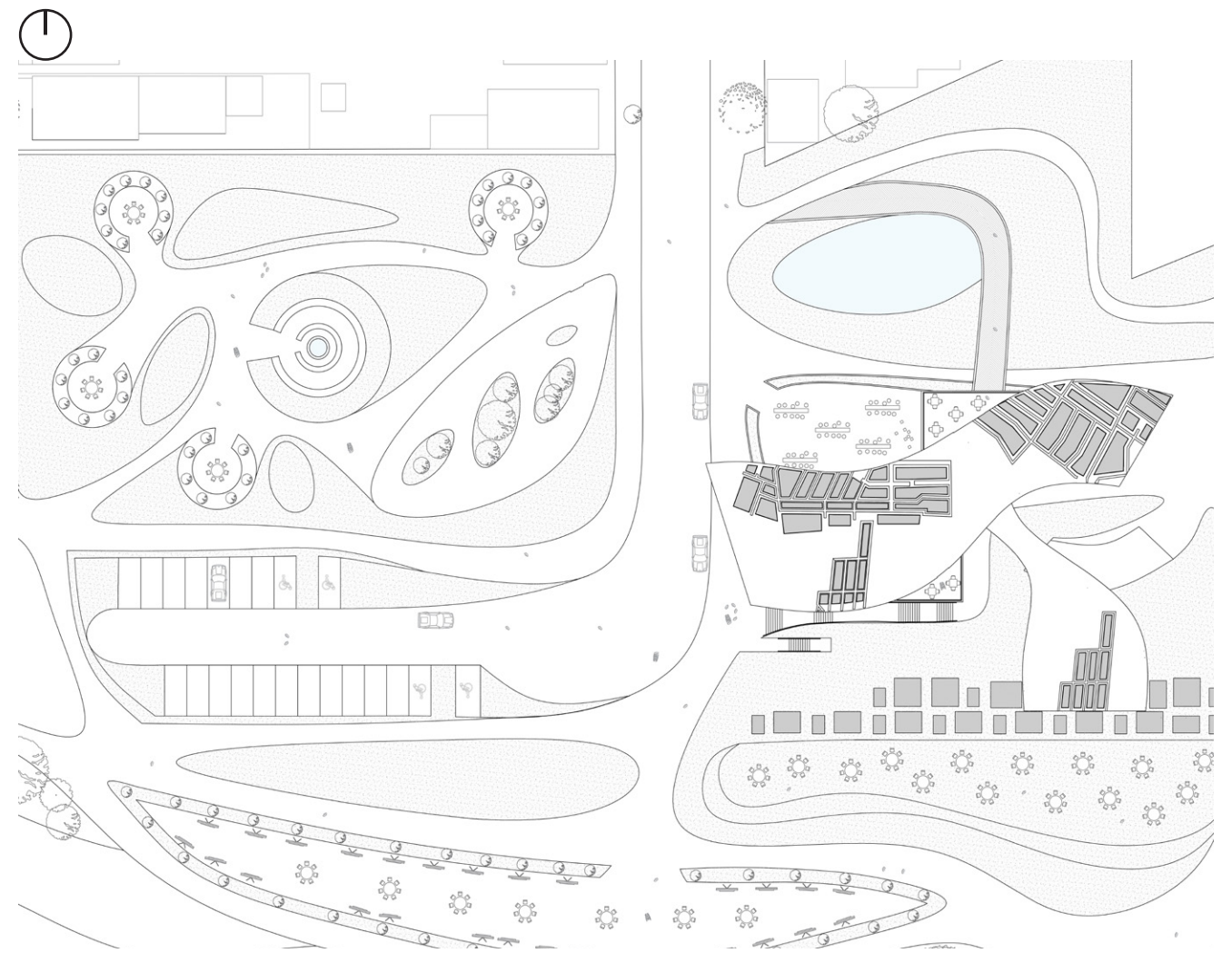
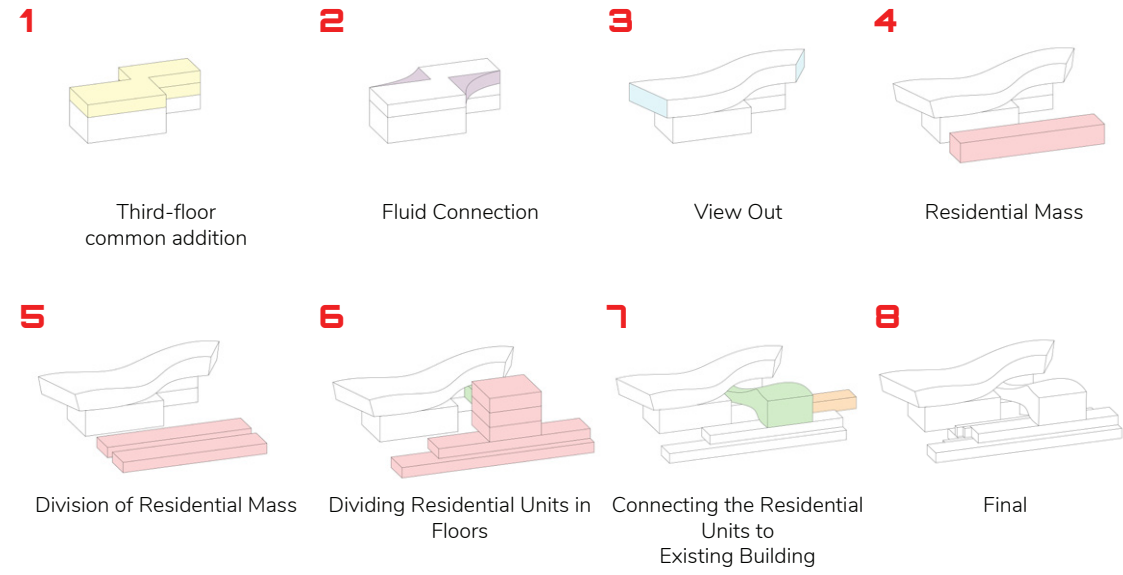


BLACK HILLS

Instructor: Gregory Serweta
2024
Re-Gen Care Centre &
Accommodation Building
Buffalo, NY

This project transforms a historic factory on Howell Street into a multi-generational daycare and care residence, integrating the Scajaquada Creek, existing structures, and Buffalo's urban grid to connect nature, architecture, and community. It fosters intergenerational engagement by preventing elderly isolation through strategic circulation. The preserved building serves as a public space, while a creek-shaped third-floor addition with skylights and a grid-inspired facade blends historic and modern design. Private spaces are divided: the lower level provides specialized care with geothermal energy, while the upper level offers creek views, enhancing residents' connection to nature.



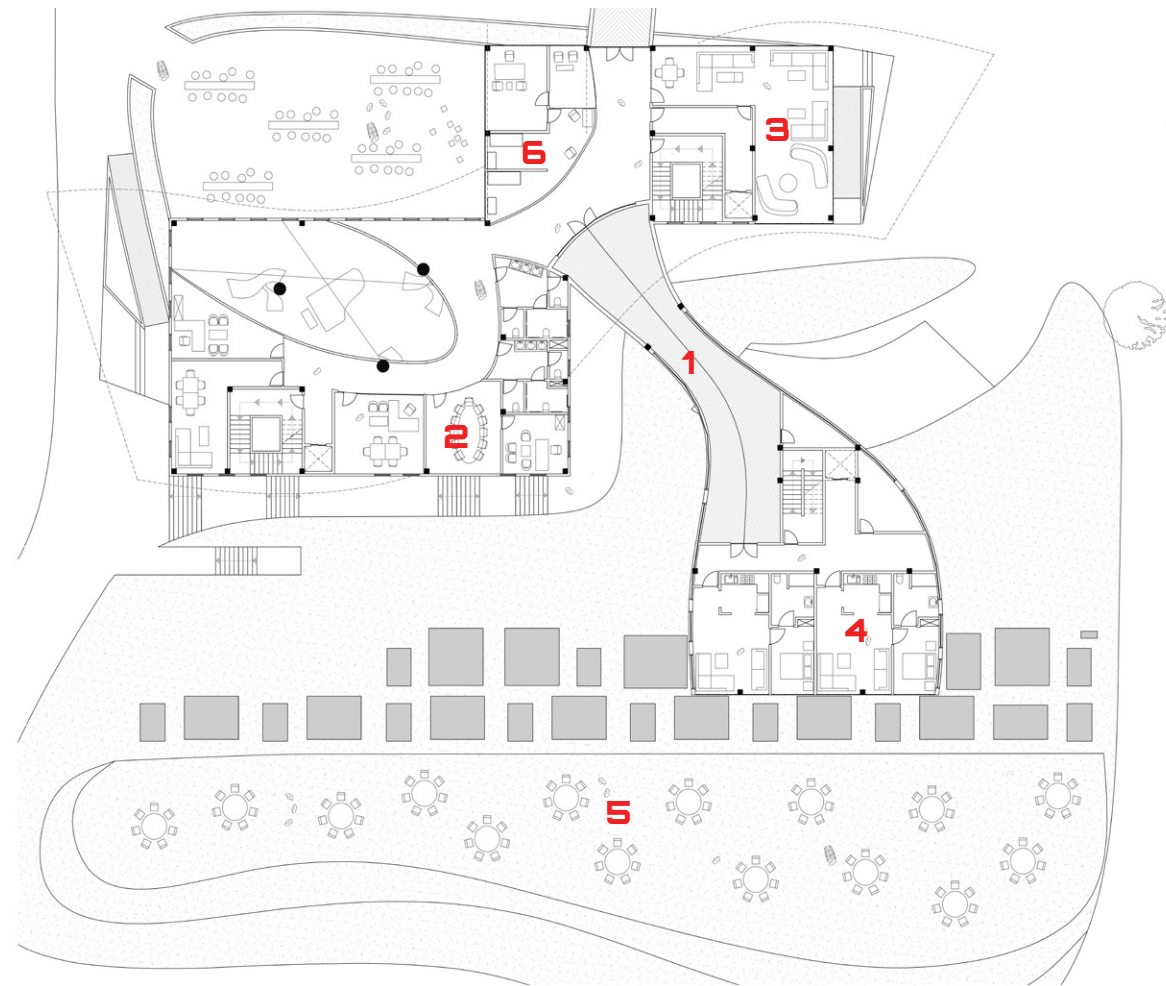


Landscape



0 10'

North Elevation



00 10'

3rd Floor

- | | | |
|-----------|---------------------|-------------|
| 1 Bridge | 3 Coworking | 5 Courtyard |
| 2 Offices | 4 Residential Units | 6 Services |



00 10'

A-A Section

- | | | |
|-----------------|---------------|----------------|
| 1 Main Entrance | 3 Offices | 5 Restaurant |
| 2 Main Lobby | 4 Common Area | 6 Reading Zone |



00 10'

South Elevation

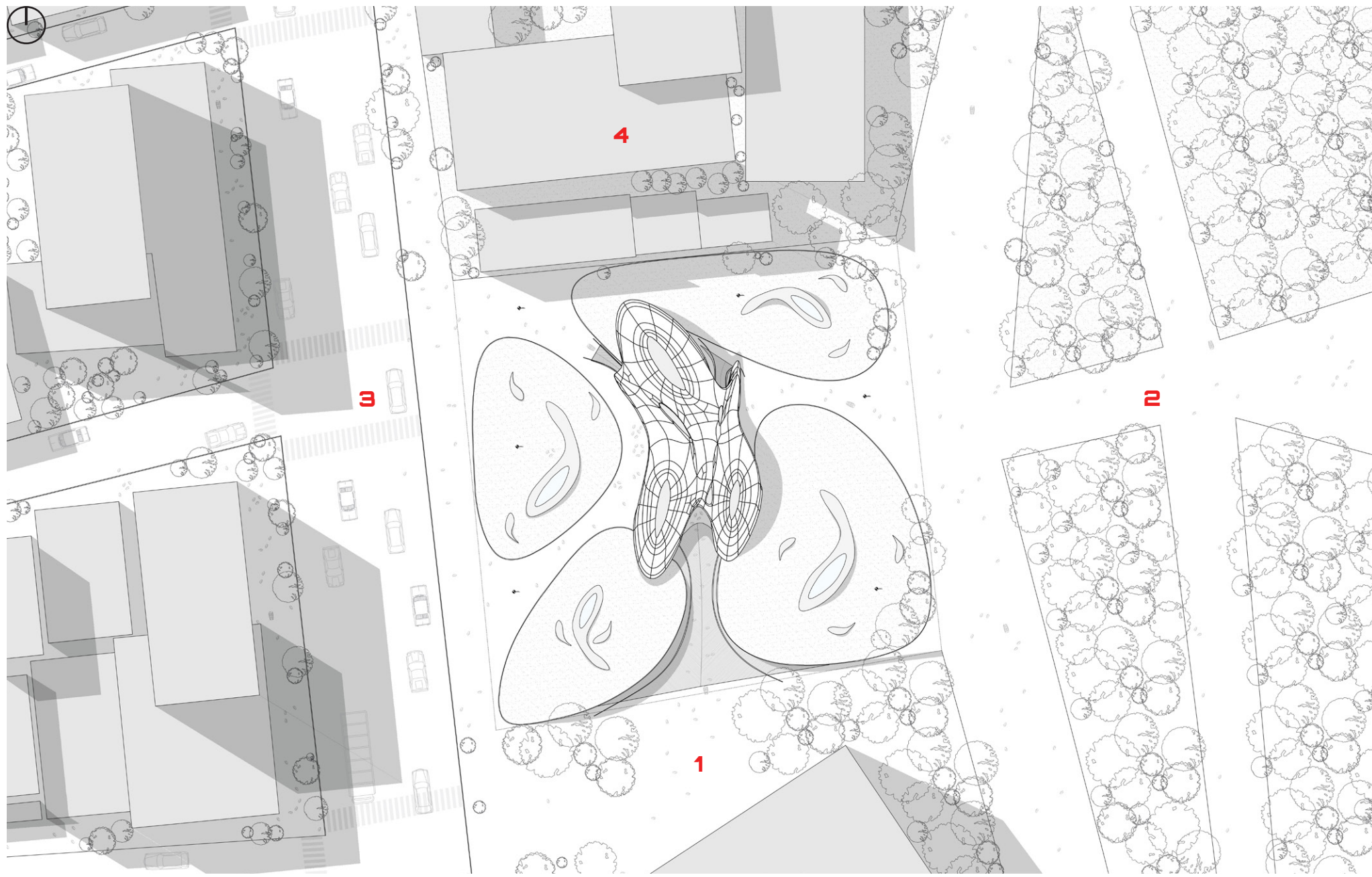
FREEDOM

Instructor: Dr. Malihe Masoudi
2022
Pavilion of Digital Art
Tehran, Iran

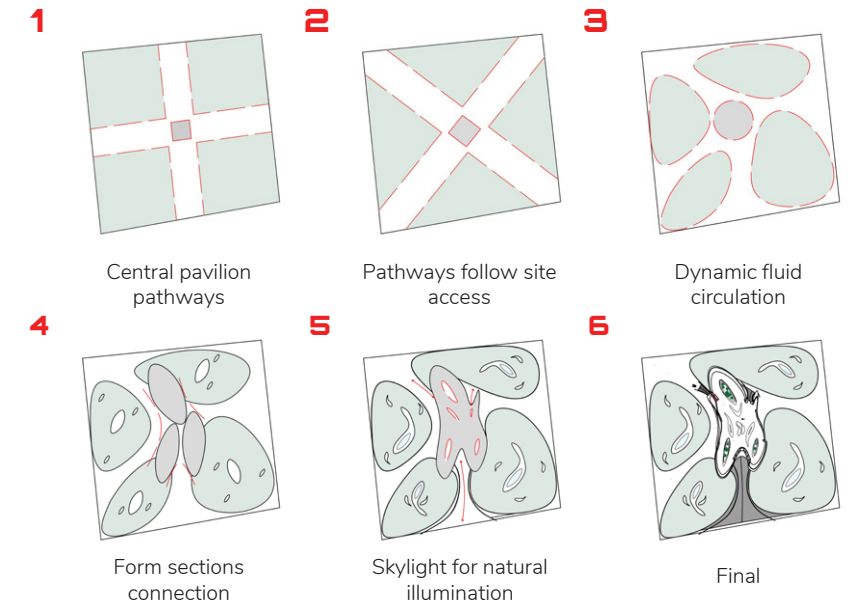
Located west of Laleh Park, Freedom Pavilion serves as a cultural landmark for visual and digital arts. The design is inspired by the Persian Chahar Bagh and Kushk typologies, reinterpreted through a fluid, contemporary form that symbolizes the journey of The Little Black Fish — a metaphor for artistic independence and freedom. The pavilion's dynamic geometry emerges from intersecting pathways connecting Laleh Park, Kargar Street, and the Tehran Museum of Contemporary Art, forming a bridge between nature, city, and culture. Skylights puncture the smooth surface, creating a play of light that enriches the interior spatial experience. This project seeks to unite Iranian architectural heritage with digital expression, reflecting the dialogue between tradition and modernity.



Design Process

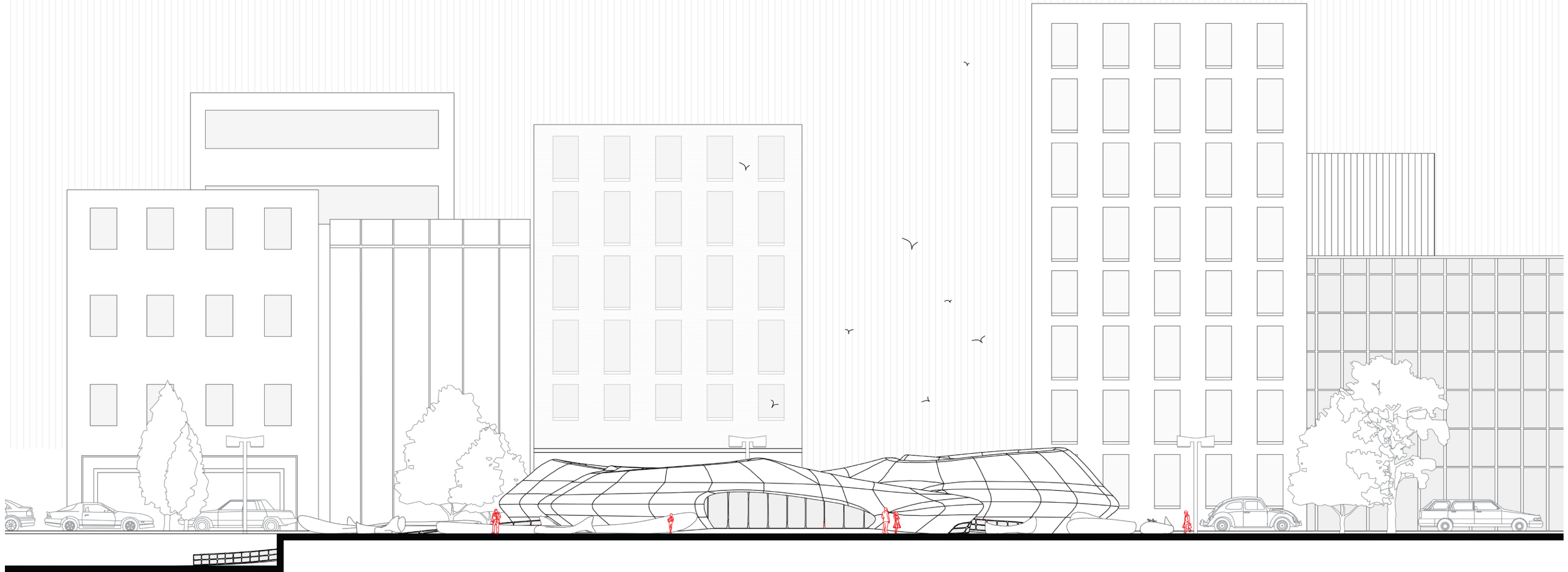
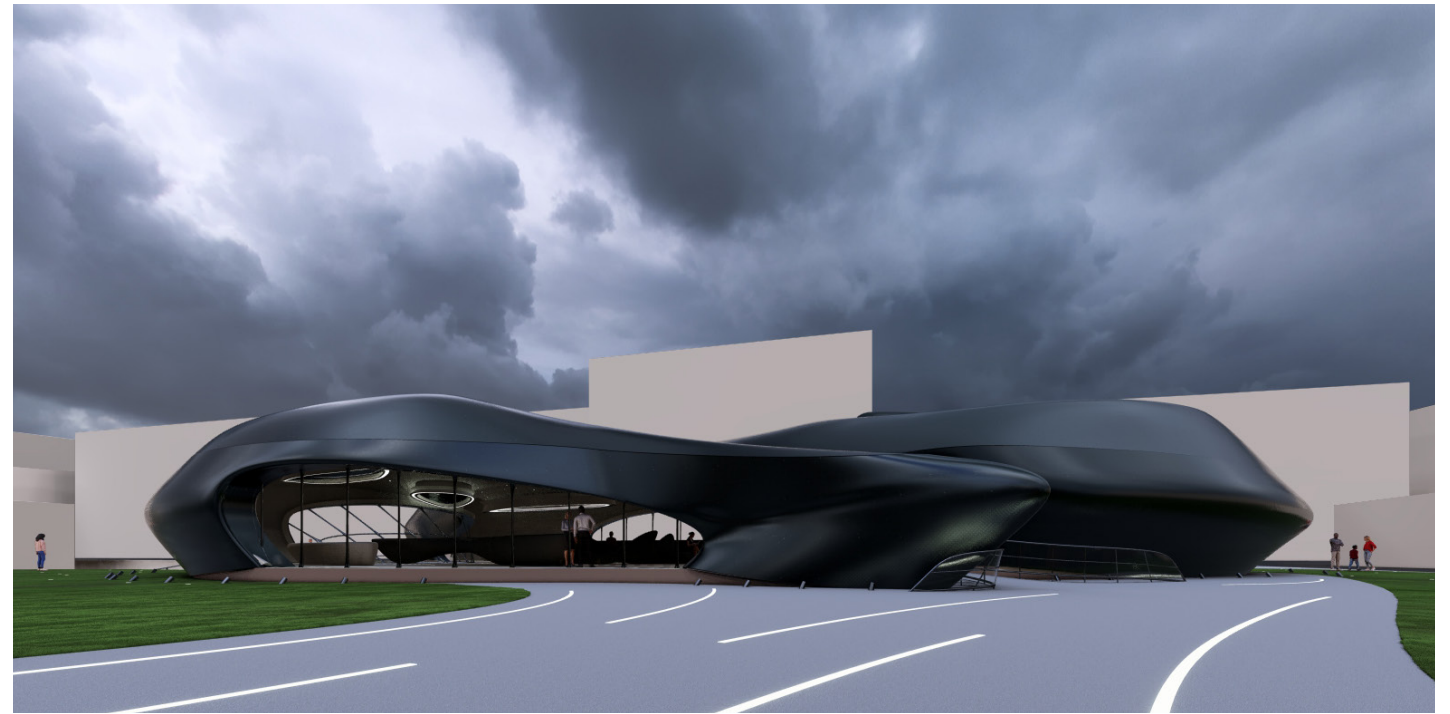


1 Tehran Museum of Contemporary Art 2 Laleh park 3 Kargar Street 4 Bazaar

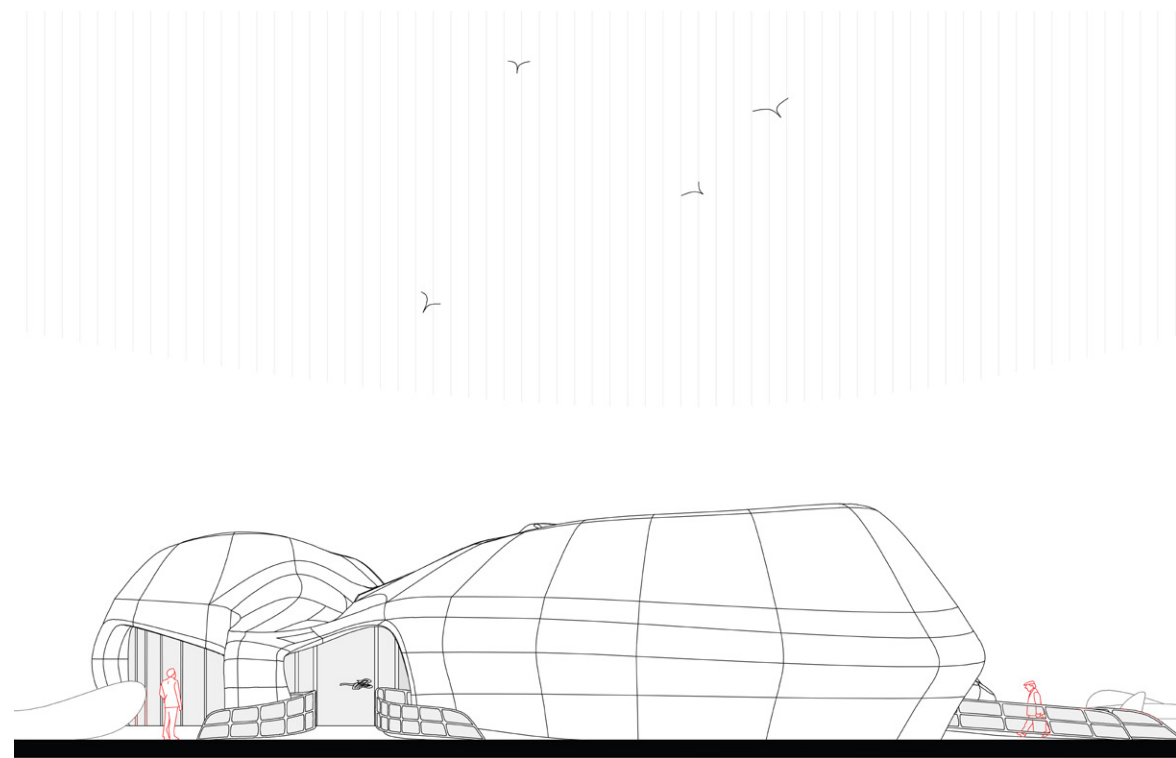


0 10m

West Elevation



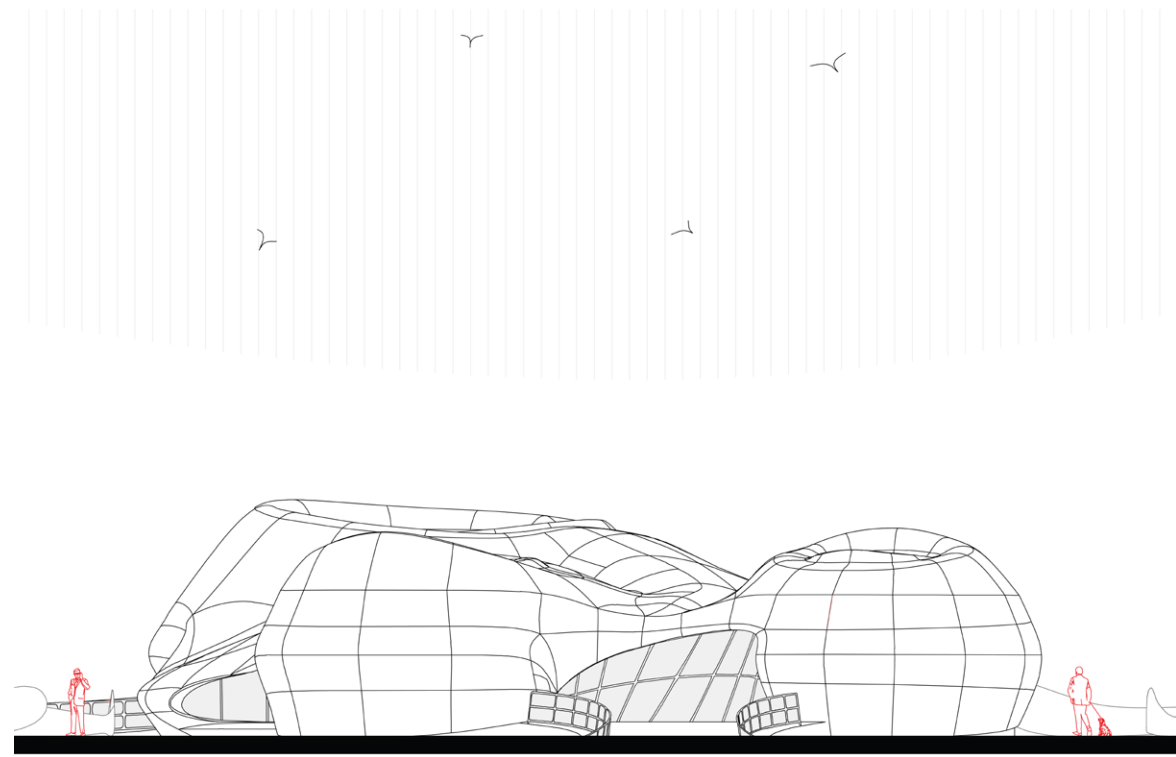
0 12m
West Elevation
70



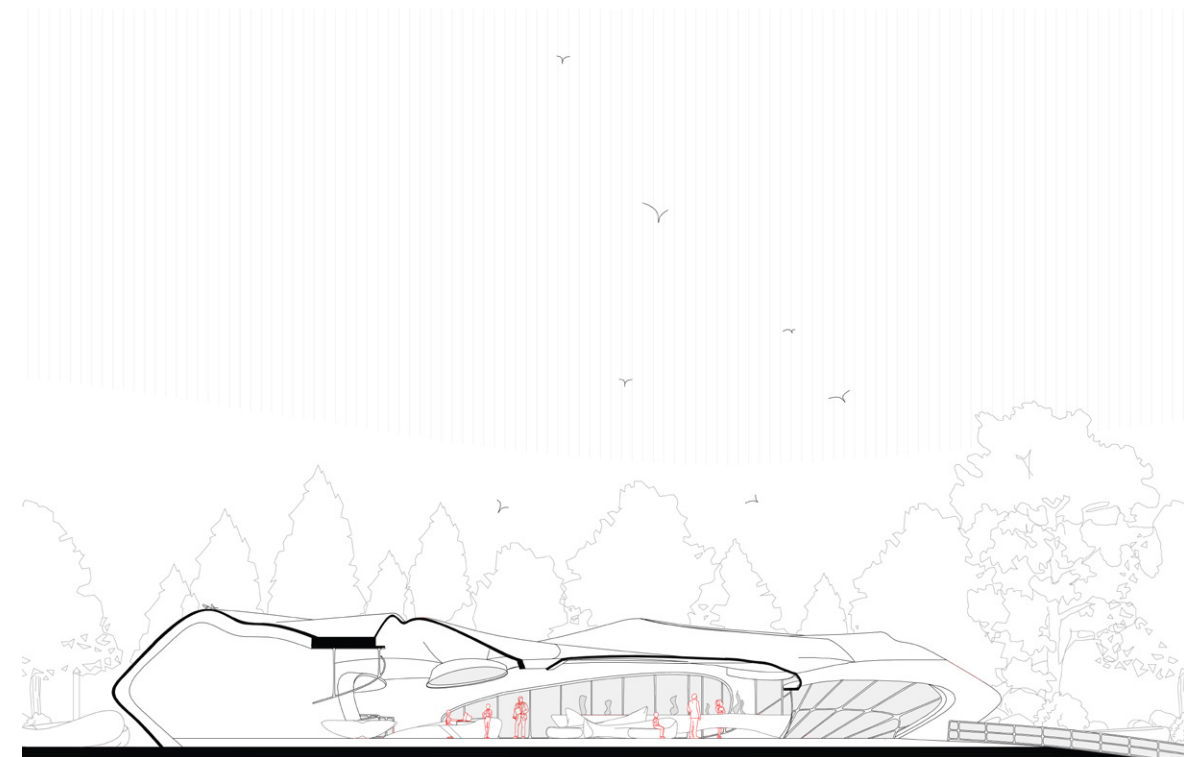
0.0 10m
North Elevation



0.0 10m
North Section



0.0 10m
South Elevation



0.0 10m
West Section

ELLICOTT TERRACE

CANNONDESIGN

Project Manager: Jennifer O'Shea

Design Lead: Luke Johnson

Integral Designer: Alireza Borhani

Client: DASNY

(Dormitory Authority of the State of New York)

Project Phase: Schematic Design (SD)

Role & Contributions: Key contributor during the schematic design phase, with comprehensive involvement in concept development, spatial organization, diagramming, 2D and 3D design, visualization, and presentation productions.

Project Type: Public Space Activation

Site: Red Jacket & Richmond,
Ellicott Complex, University at Buffalo

Scale: Campus / Public Space

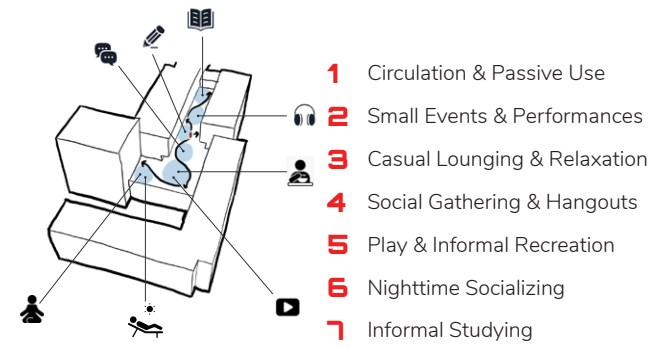
2025

Buffalo, NY



This project renovates and upgrades the flooring, lighting, insulation, and stair railings of the Red Jacket and Richmond plazas at the University at Buffalo's North Campus, while proposing a comprehensive activation strategy. The design redefines the plazas as dynamic, flexible spaces for everyday student life—supporting seating, gathering, studying, performances, and exhibitions. Inspired by the contrast between the surrounding soft hills and the rigid brick dormitories, the concept translates this formal duality into three types of double-sided benches composed of 3D-printed concrete elements integrated with grass-covered foam mounds. Carefully positioned based on circulation patterns and access points, the seating system strengthens social interaction and creates a meaningful connection between architecture, landscape, and student life.

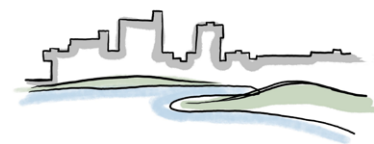
Design Options



Sketches by Luke Johnson, Design Leader

Project Goals

1st Option- Selected Option
Hills



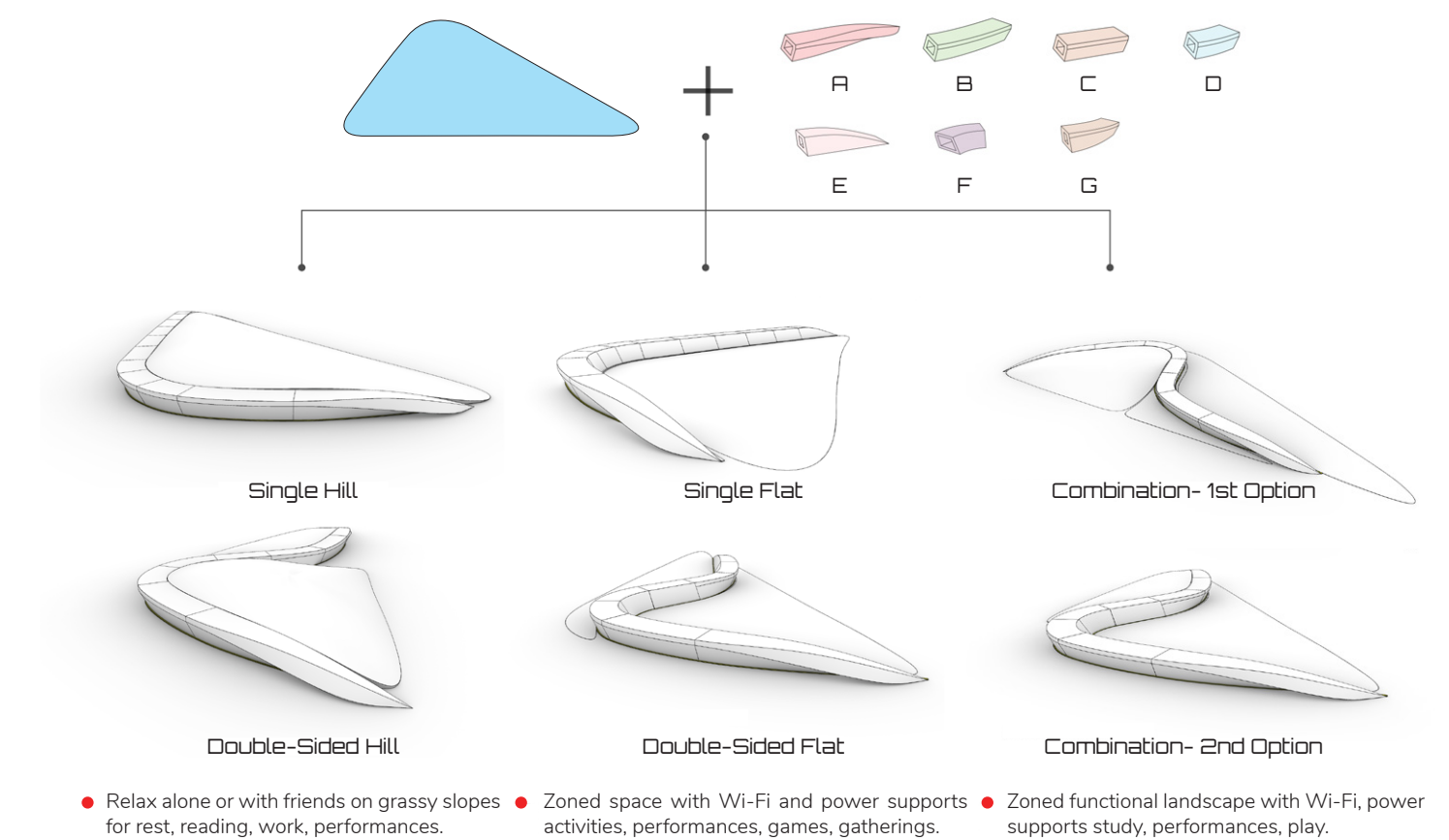
Integrates gentle hills and pond with rectilinear residential volumes, mediating rigidity and fluidity through landscape.

2nd Option
The Terrace Strata



Inspired by the Elliot Complex, layered square and rectangular volumes create dynamic movement.

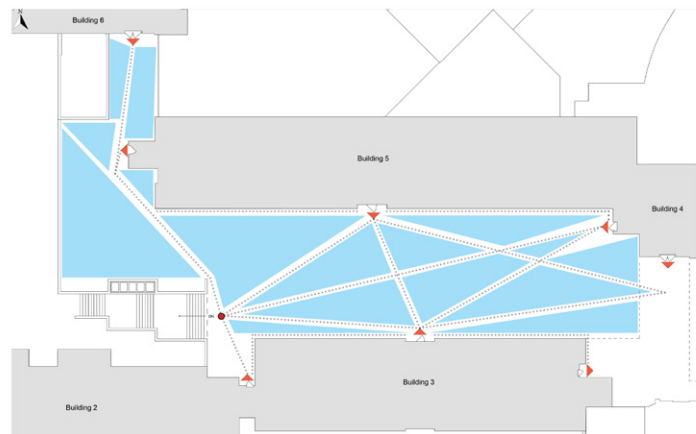
Types of Activation Furniture



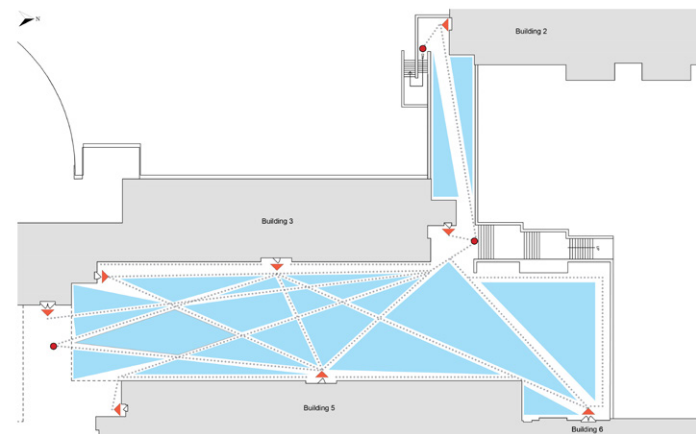
Design Diagrams- Selected Option

Typical paths of travel

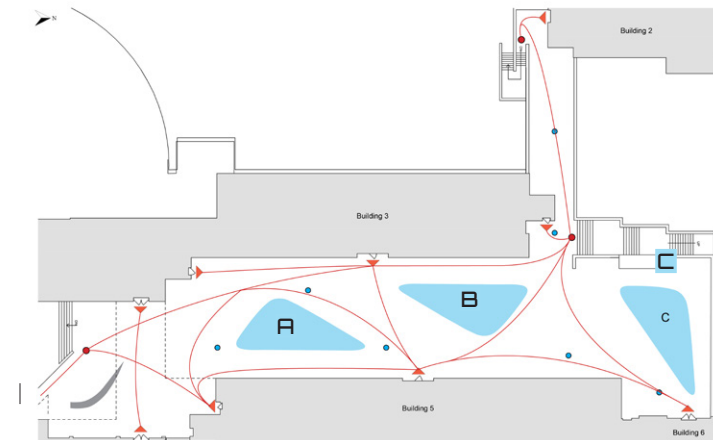
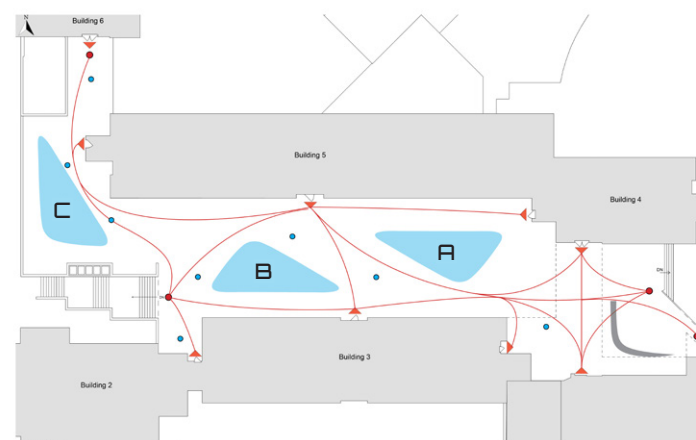
Red Jacket



Richmond



Informed zones of engagement

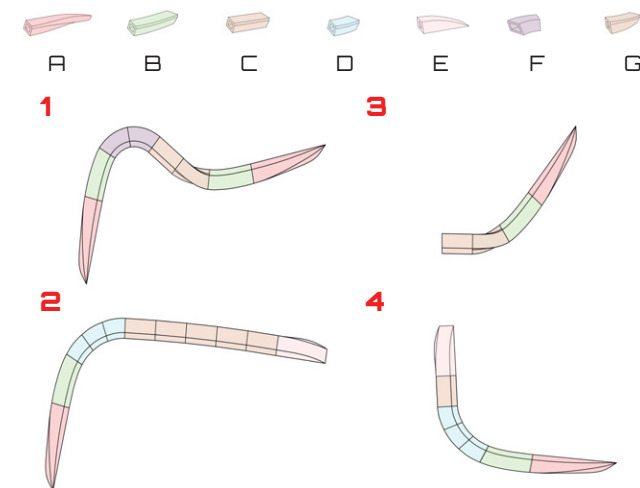


● Roof Plumbing ▲ Exit/Entrance — Circulation ■ Activation Areas - - - Exit/Entrance ● User

Why go through the trouble of sculpting this like so?

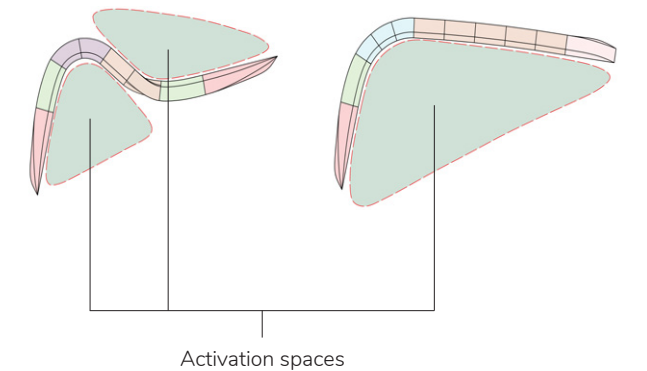
- 1 It Solves the Real Problem – the Scale
Problem: vast, flat, monotonous terrace; seating can't break scale.
- 2 It Adds Visual Interest & Identity
Topographic intervention creates a memorable, playful terrace shaping campus character.
- 3 It Activates the Whole Surface
Shaped ground activates terrace; students spread, avoiding edge-clustered furniture.
- 4 It Supports Flexible, Unscripted Use
Bench, hill, platform support flexible, multi-use social activities.

Developing a kit of parts

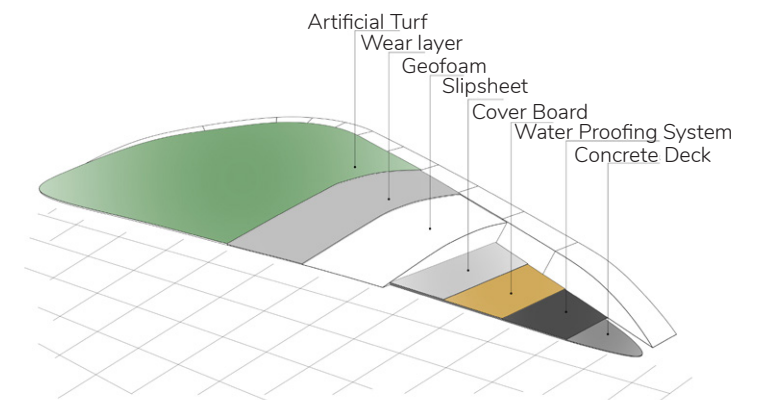
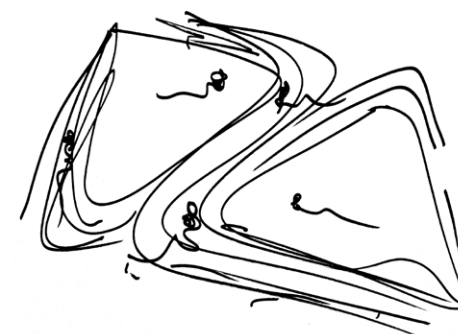


Seven standardized precast concrete kits form modular urban furniture, combined with geofoam and artificial grass.

Developing a kit of parts

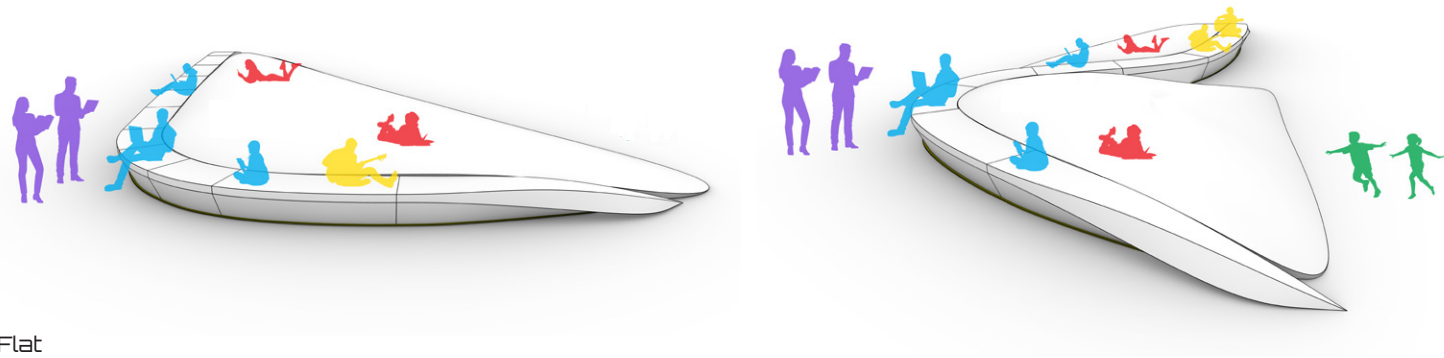


Terraces use prefabricated concrete frames, with green areas for programs via mounds or turf.

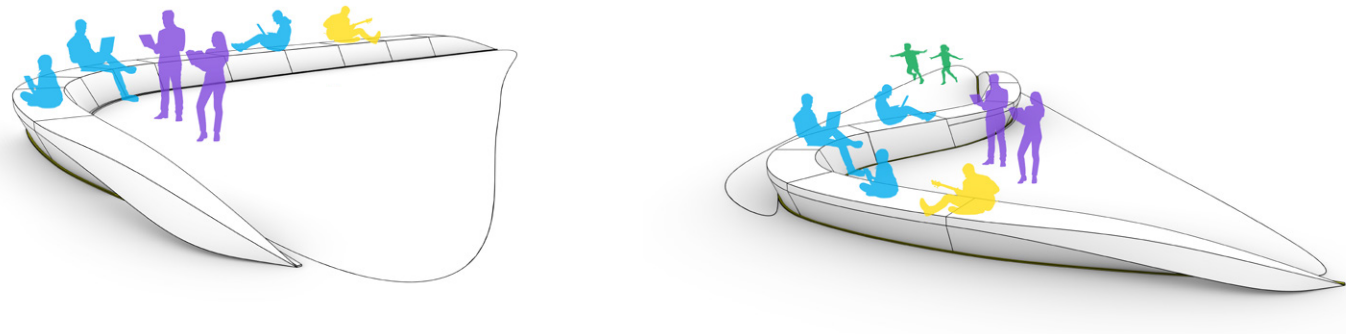


Types of Activation Furniture

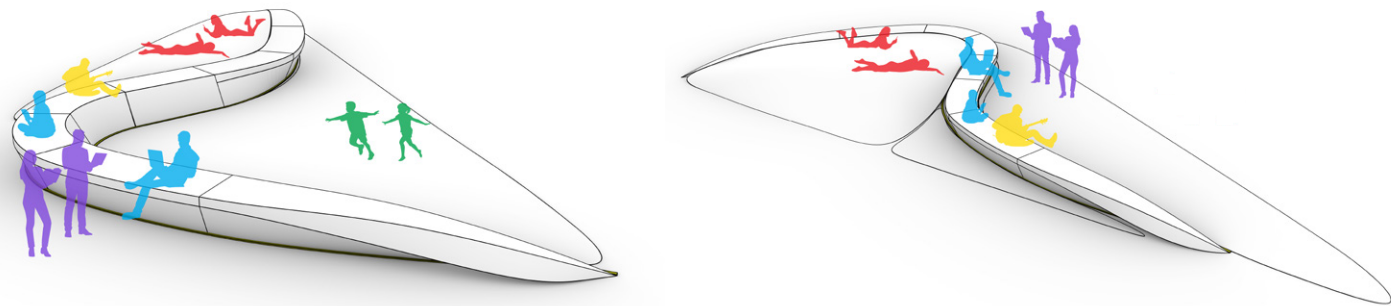
Hill



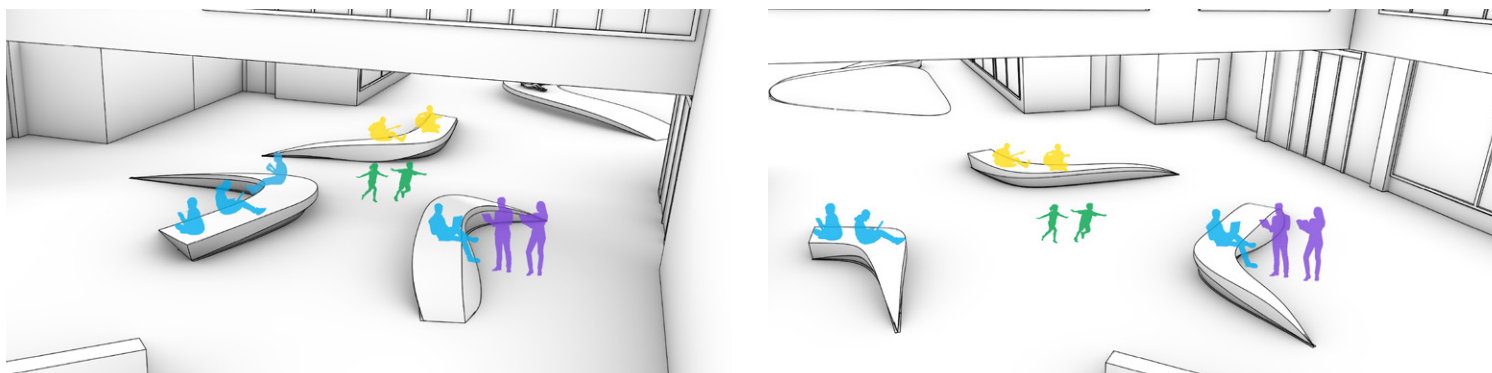
Flat



Combination



Explorations of Bench Typologies

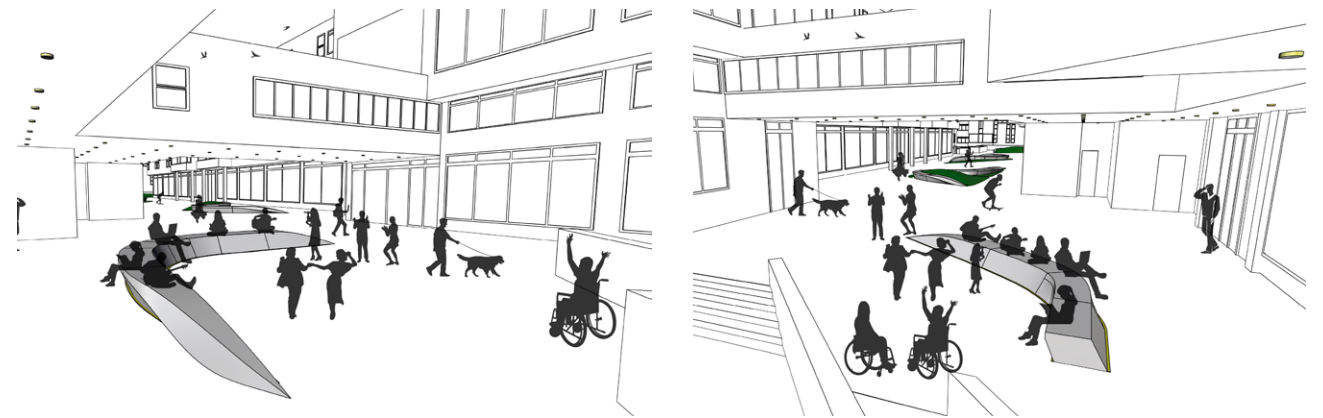


- Casual Lounging & Relaxation
- Informal Studying & Group Work
- Social Gathering & Group Work
- Play & Informal Recreation
- Small Events & Performances



Red Jacket

Modular Bench Typologies



After testing forms, orientations, and locations, precast concrete modules were used to create benches differing in orientation and size while maintaining material consistency.



3D-Printed Physical Model | 1.32

PHOENIX

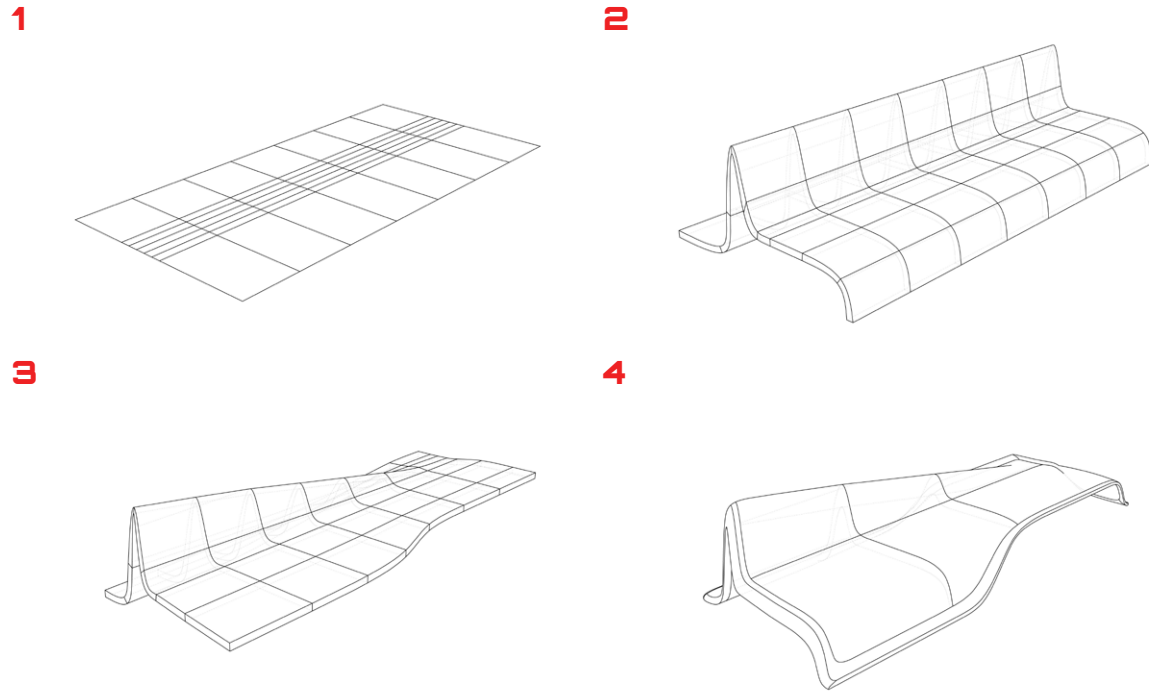
porada

Porada International Design Award
2025
Collectible Chaise Lounge
Italy

Phoenix is a collectible chaise lounge at the intersection of furniture, sculpture, landscape, and space. Conceived as a continuous, elongated form, it rises from the ground, moves through space, and returns to it, evoking a lifted fragment of terrain made inhabitable. Rooted in continuity, regeneration, and flow, Phoenix avoids predefined posture and instead invites pause, reflection, and discovery, proposing an experiential relationship between body and form. The object maintains a constant dialogue with the ground, positioning the user between ground and sky on a surface that suggests motion and lift. Materiality reinforces this concept through a contrast between soft, seamless leather and a dark walnut frame, combined with a flax fiber-reinforced composite shell (10–15 mm) and layered foams for comfort, structure, and durability. Designed not to fill space but to define it, Phoenix dissolves the boundaries between art, architecture, landscape, and furniture, acting as a quiet yet powerful spatial presence.

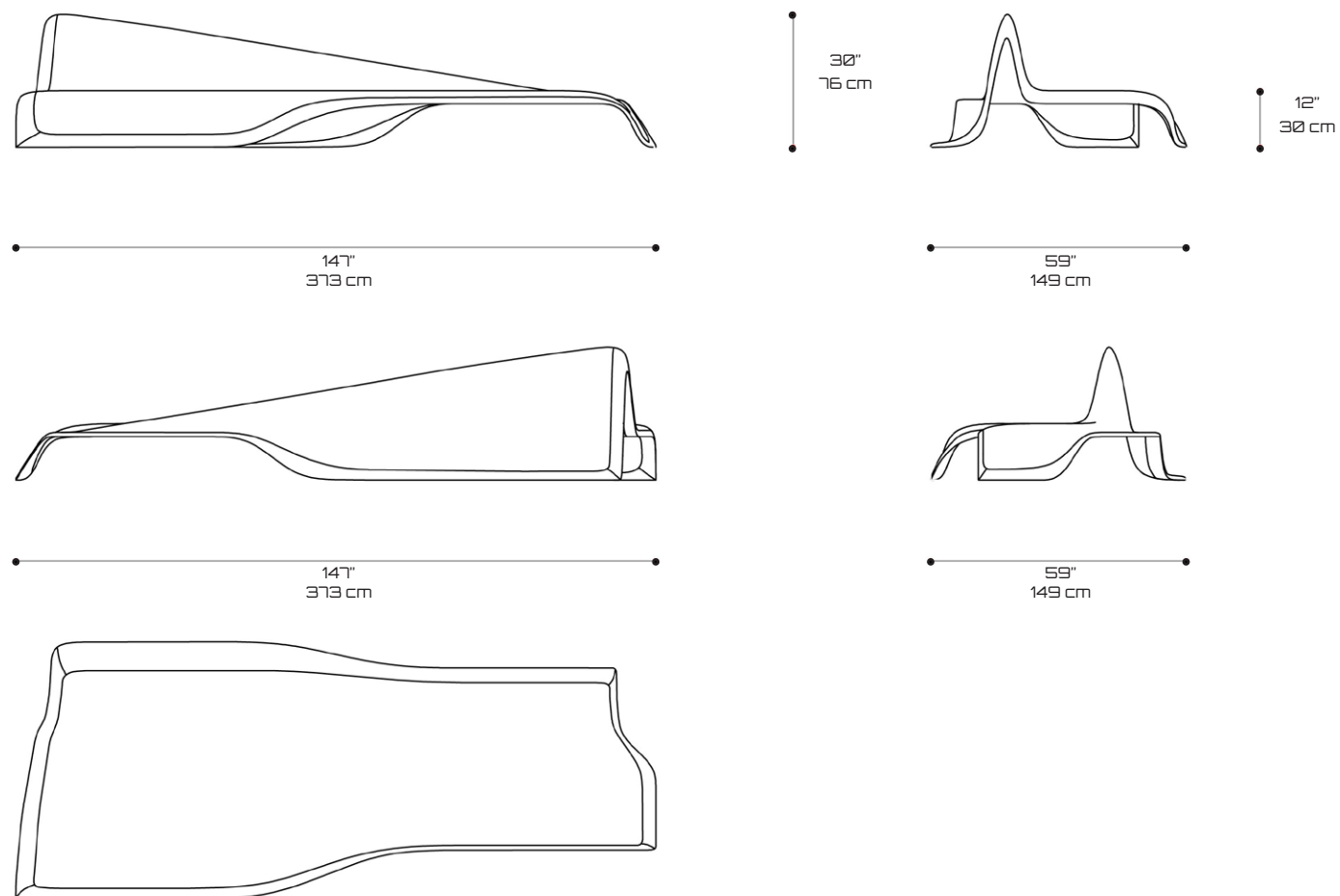


Design Diagrams



Phoenix is inspired by natural landscapes and eroded terrain, where the ground rises, folds, and settles into continuous forms. Informed by architectural thinking, it abstracts a lifted terrain into a sculptural presence, expressed through continuity, flow, and regeneration, positioned between furniture, sculpture, and landscape.

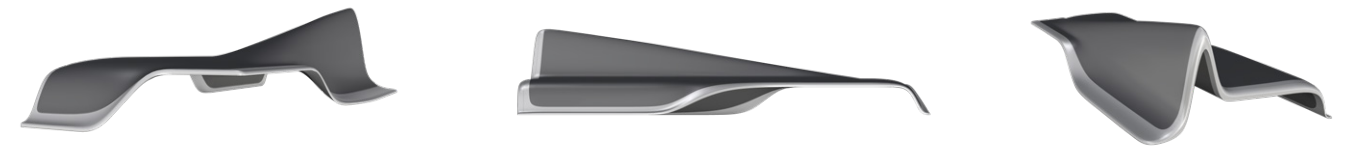
Elevations



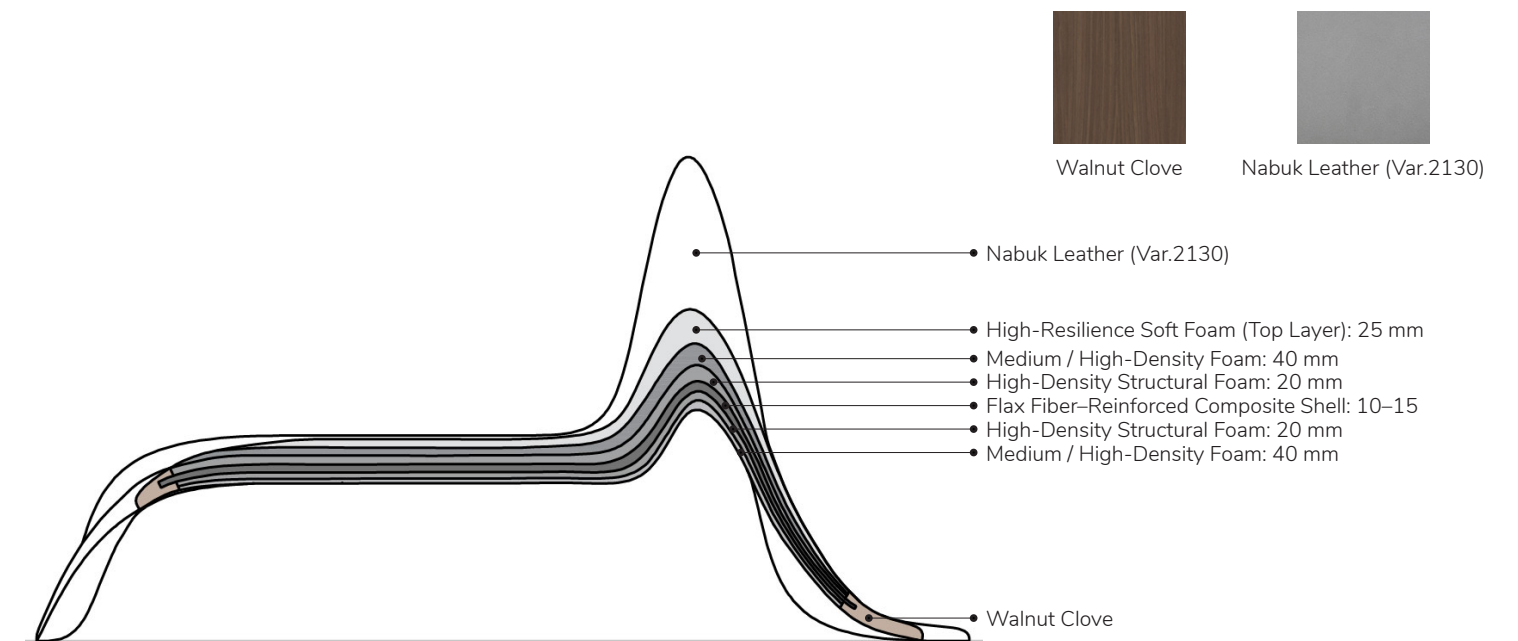
Rear View



Formal Studies



Material Composition



DREAM WINGS



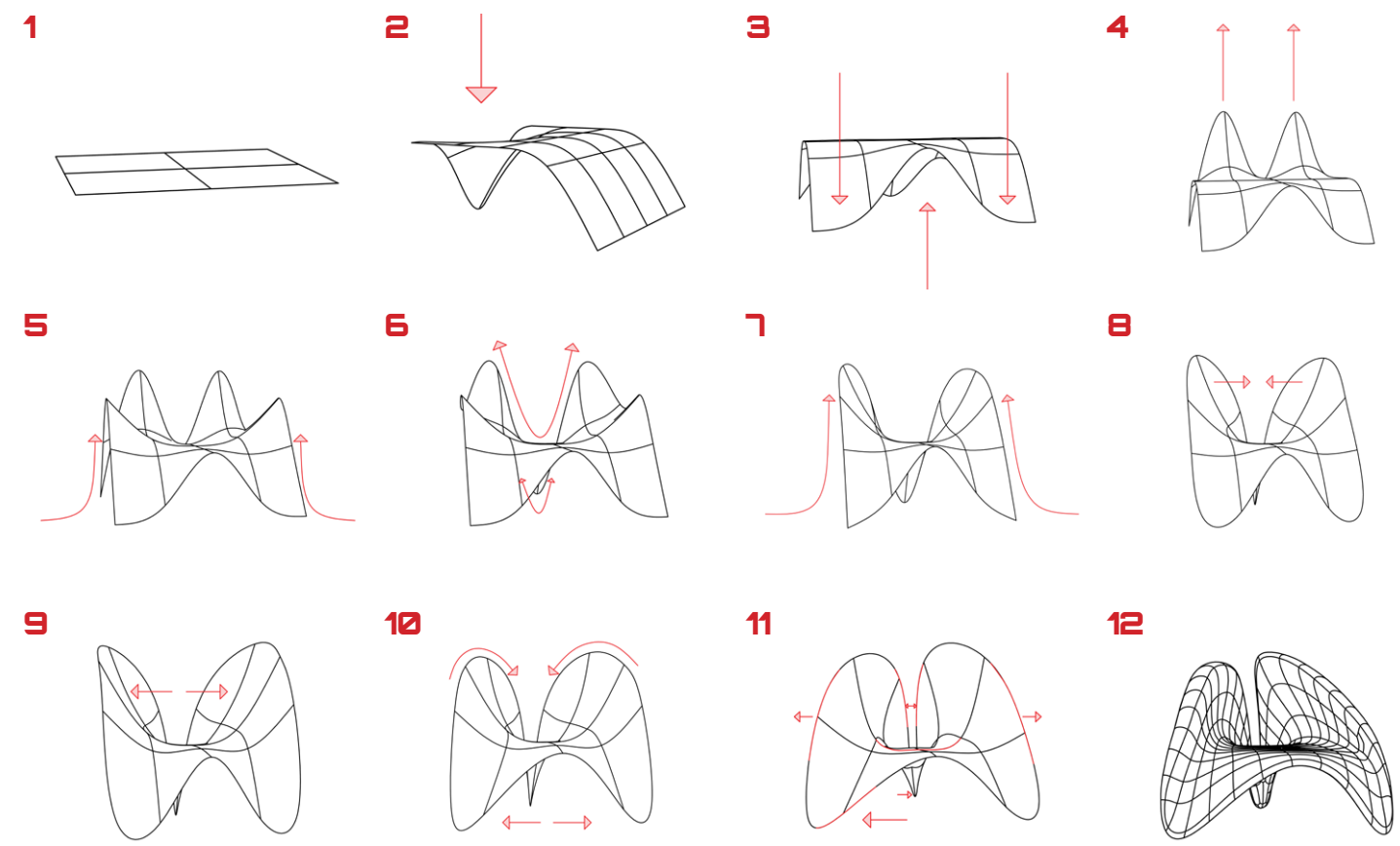
Porada International Design Award
2022
Modern Armchair
Italy

Ranked 4th (Special Mention)

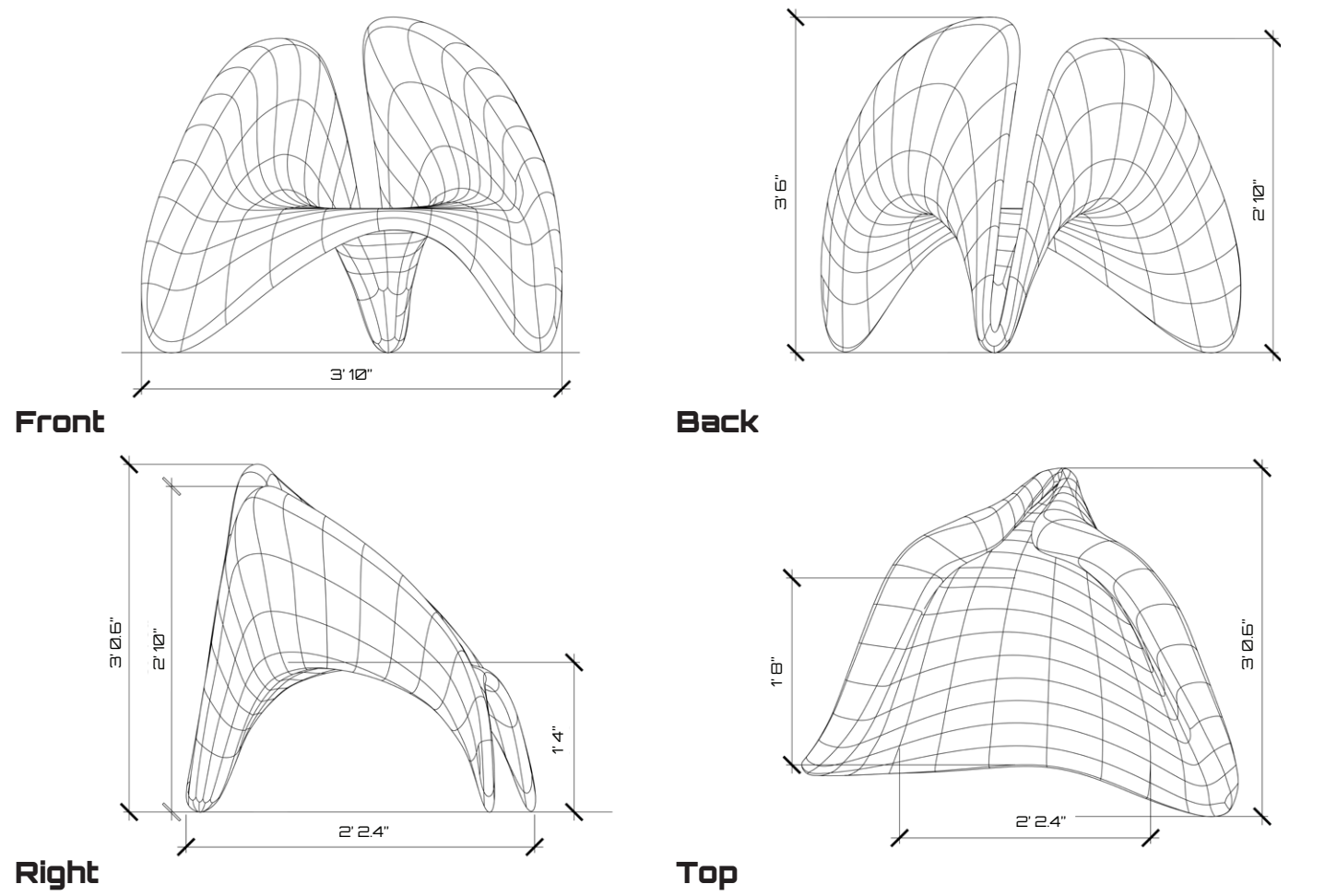


This modern armchair minimizes perspiration with a backrest gap for airflow. Inspired by a bird in flight, its sculptural form connects earth and sky. Three asymmetrical legs create balance and movement, while a continuous wood frame defines the seat's edge. Designed for the Porada International Design Award 2022, it blends innovation with craftsmanship. Available in dark walnut with black leather or light walnut with teddy fabric, its fiberglass and high-density foam structure ensures durability, making it ideal for residential, commercial, and office spaces.

Form Development



Elevations



3D-Printed Physical Model | 1.32

DREAM WINGS- Sculptural Collectible Stool (2026 Update)

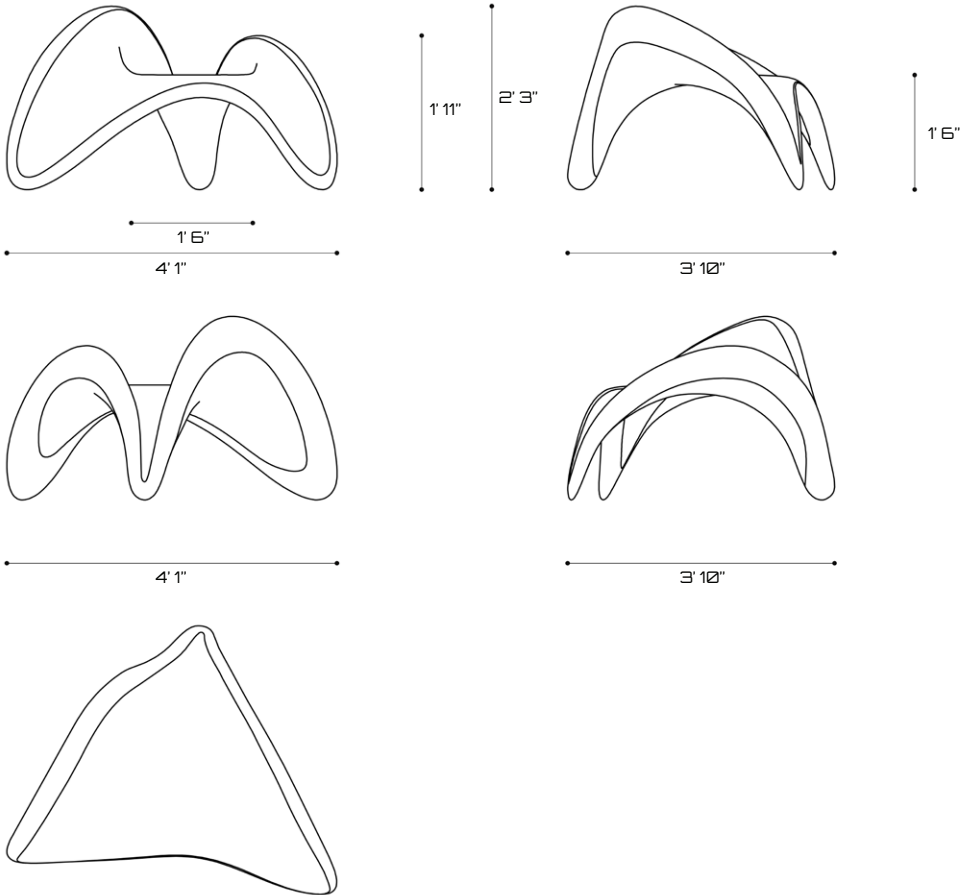


Submitted to:
SIT Design Award 2026 (Switzerland)

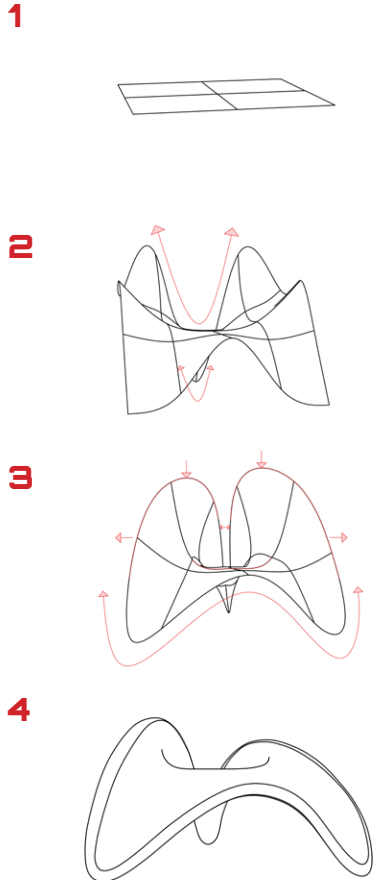
This stool is an evolution of the DreamWings armchair originally designed in 2021. In this updated version, the backrest and armrests have been removed to transform the piece into a more minimal and sculptural seating object, while improving ergonomics, structural stability, and leg design. The project maintains its original conceptual language of fluid motion and wing-like geometry, but with refined proportions and stronger performance. The frame is finished in dark walnut, paired with a slightly glossy black leather seat surface. This refined version was developed for submission to international design competitions.



Elevations



Form Development





alireza.borhani.arch@gmail.com

[Alireza Borhani | Portfolio](#)

(716) 295-3652

[LinkedIn](#)