

# PORTFOLIO

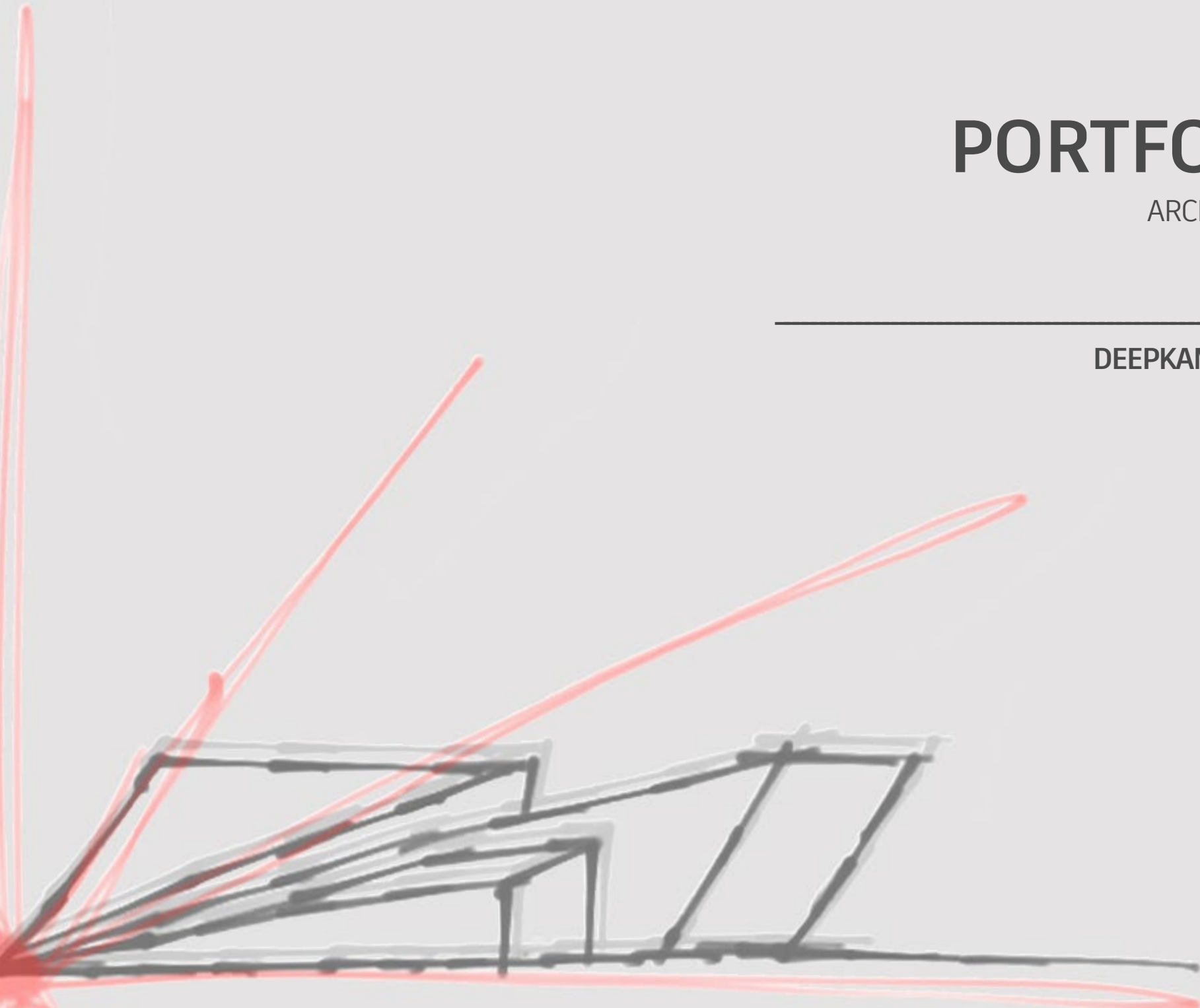
ARCHITECTURE

ACADEMIC

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DEEPKAMEL SINGH

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# DEEPKAMEL SINGH

(908)-265-7271 | deepkamel@gmail.com | Union, NJ

## Education:

Bachelor of Architecture, New Jersey Institute of Technology, Newark, NJ  
September 2020 - May 2025

GPA: 3.6

Dean's List: 2020 - Present

Relevant Courses: Construction I & II, Structures I & II, Environmental Control Systems I & II

## Experience:

Manager of Operations, Supreme Pizzeria, East Orange, NJ  
October 2018 - Present

Manager of Operations, SUBWAY Restaurants, Newark, NJ  
May 2016 - December 2018

## Technical Skills:

Rhino  
Revit  
Fusion 360  
Grasshopper  
AutoCAD  
Adobe Suite (Photoshop, Illustrator, InDesign)

## Soft Skills:

Strong Leadership & Team Management abilities  
Client Relations and Customer Service expertise  
Excellent Analytical and Logical Thinking skills  
Adaptive and Flexible approach to problem-solving  
Exceptional Time Management and Organization skills

## Extracurricular Activities:

AIAS Marketing and Events Coordinator, New Jersey Institute of Technology

## Projects:

Participated in design studio projects focusing on sustainable and innovative architectural solutions  
Collaborated with peers on conceptualizing and presenting design proposals  
Utilized software skills to create detailed architectural drawings and visualizations

## Achievements:

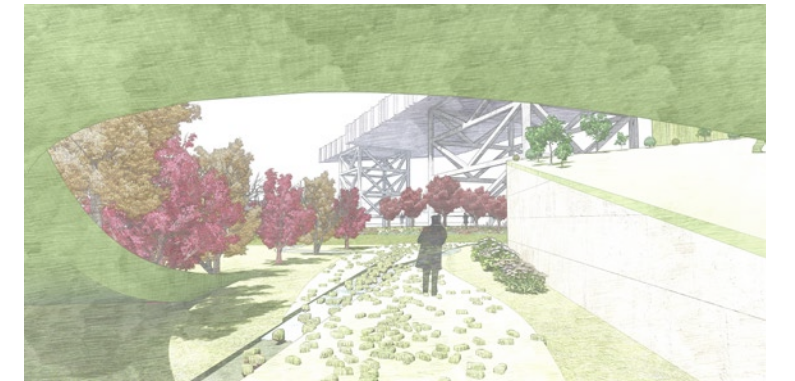
Received recognition on the Dean's List for academic excellence  
Demonstrated commitment to entrepreneurship and prompt project completion  
Consistently maintained a GPA of 3.6 while balancing academic and professional responsibilities

# CONTENT

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- 3 THE PATH
- 4 TRANCEND

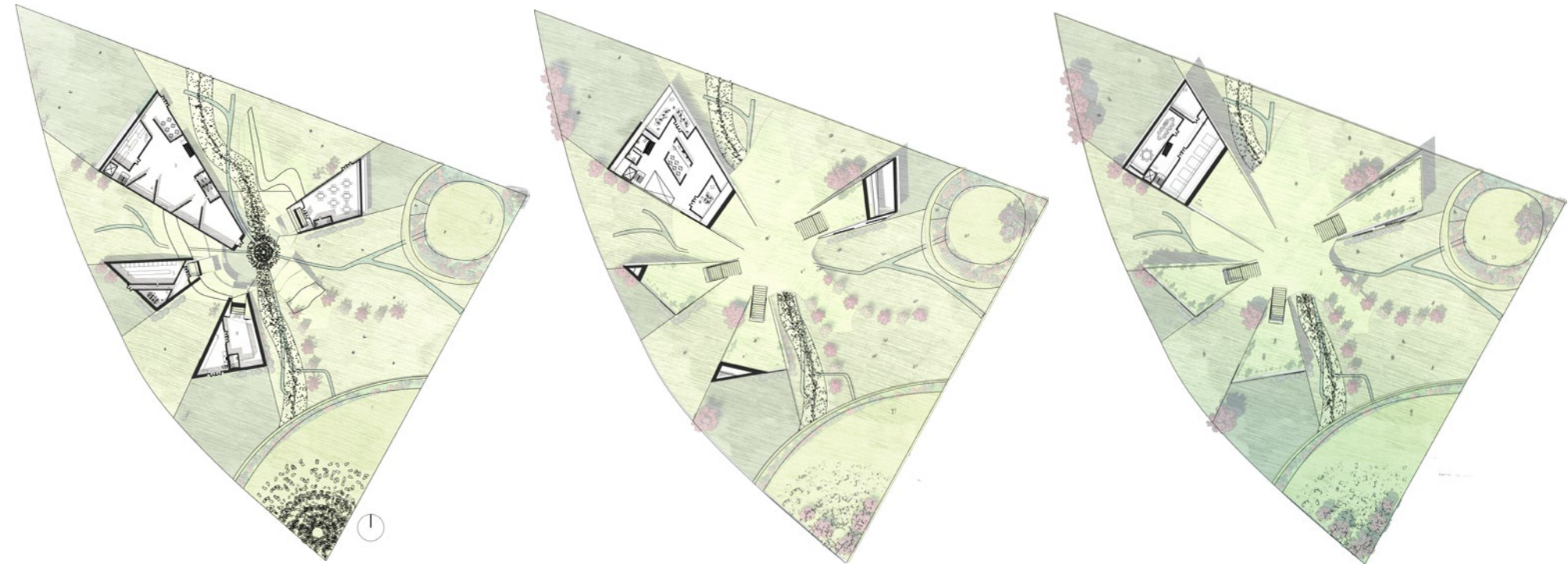
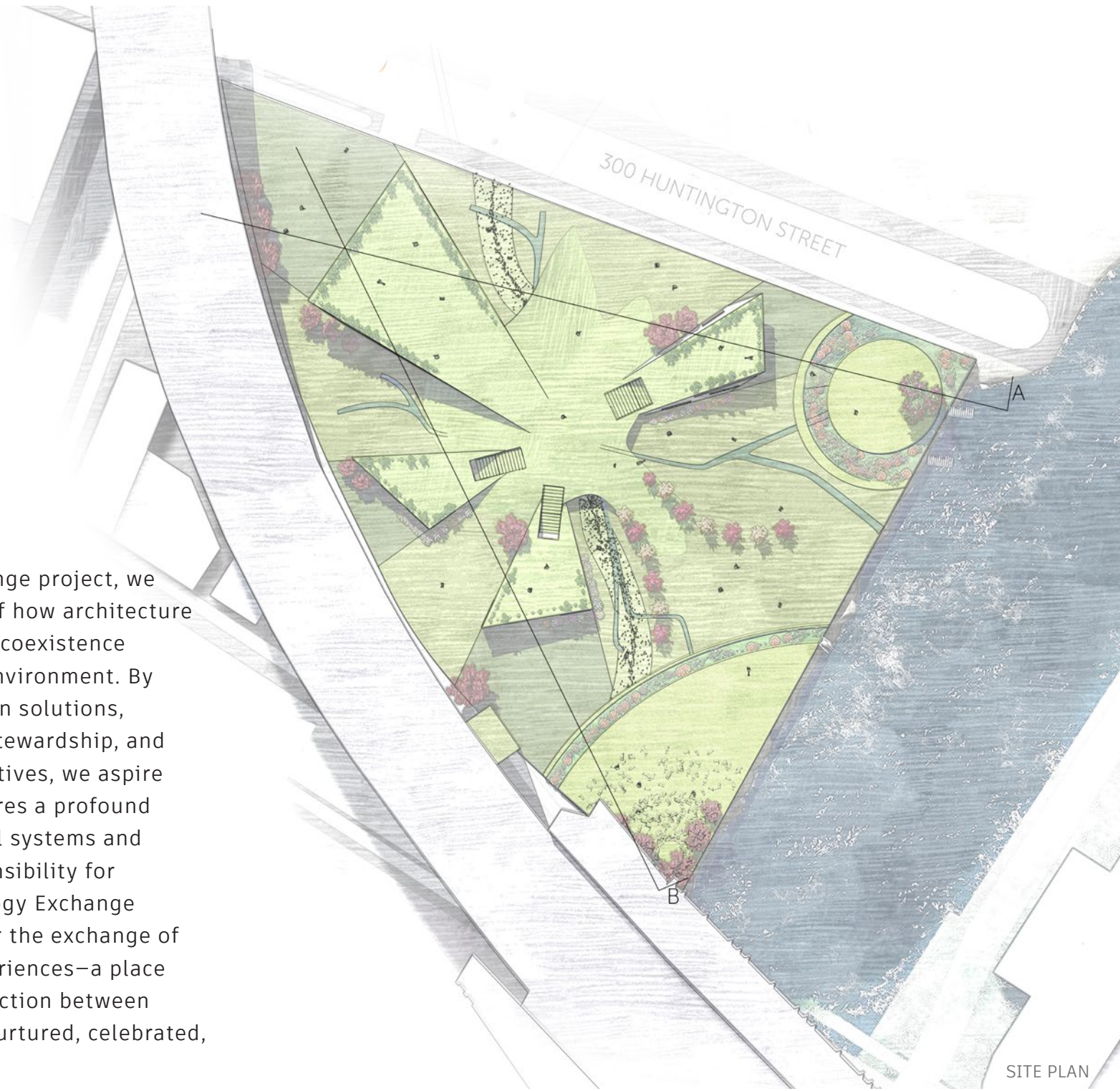
# ECOLOGY EXCHANGE

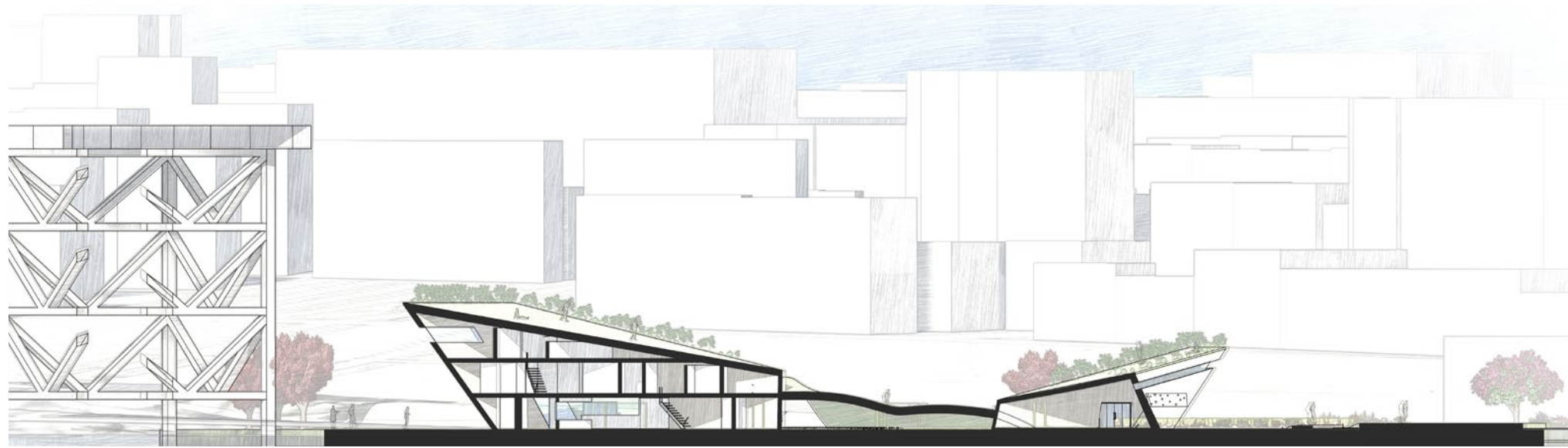
Ecology Exchange is a sustainable research center located on the Gowanus Canal in Brooklyn. It fosters a stronger connection between people and nature through active site interaction and passive ecological education. The center integrates seamlessly with the surrounding topography, featuring a slanted design that connects the ground to green roofs and creates traversable spaces. Ecology Exchange actively engages in the revitalization of the Gowanus Canal, allowing visitors to witness the restoration process. The center provides diverse learning and collaboration spaces, interactive exhibits, state-of-the-art laboratories, and flexible classrooms. Through innovative design, Ecology Exchange aims to inspire environmental stewardship, deepen understanding of ecological systems, and promote sustainable practices.



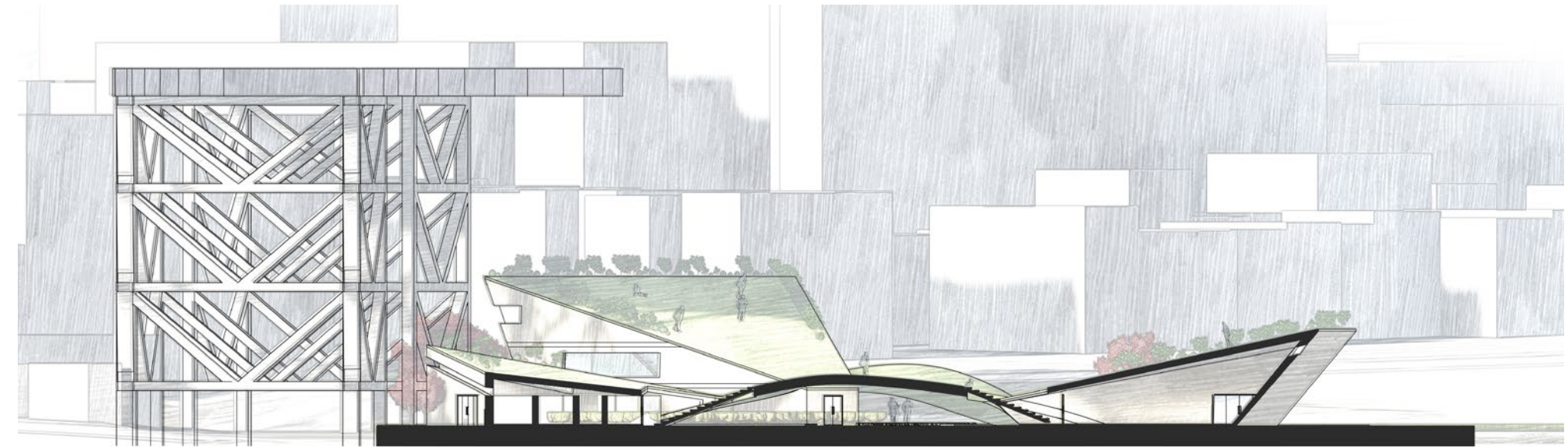
Drawing inspiration from the surrounding urban context and the unique ecological challenges of the Gowanus Canal, Ecology Exchange embraces a design approach that seamlessly integrates the building and the topography. The structure, with its slanted form, intertwines harmoniously with the raised topography of the grand, creating a continuous flow that connects the ground to the green roofs and allows for traversable spaces throughout the site.

Through the Ecology Exchange project, we embark on an exploration of how architecture can cultivate a harmonious coexistence between humans and the environment. By employing innovative design solutions, promoting environmental stewardship, and fostering educational initiatives, we aspire to create a space that inspires a profound understanding of ecological systems and cultivates a sense of responsibility for sustainable practices. Ecology Exchange serves as a dynamic hub for the exchange of knowledge, ideas, and experiences—a place where the invaluable connection between people and nature can be nurtured, celebrated, and embraced.

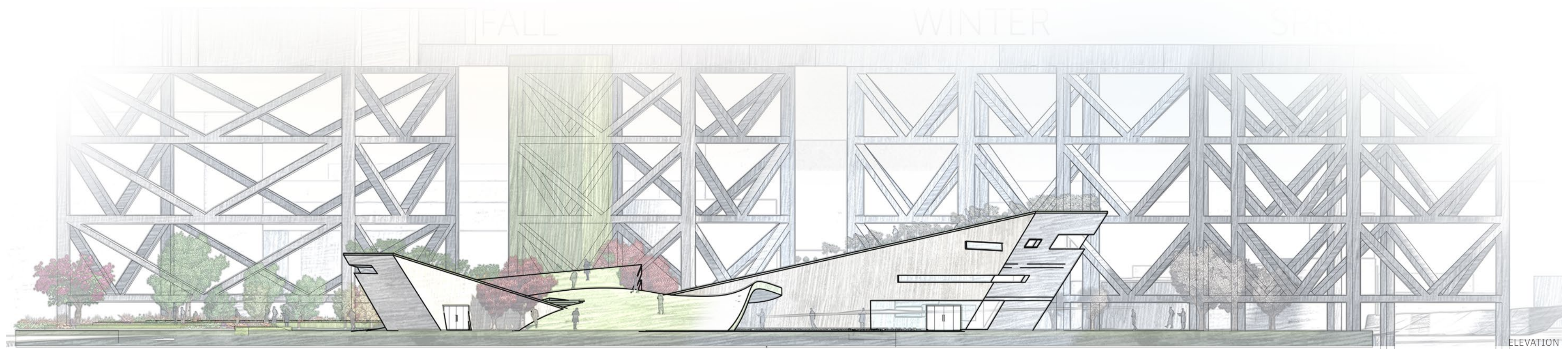
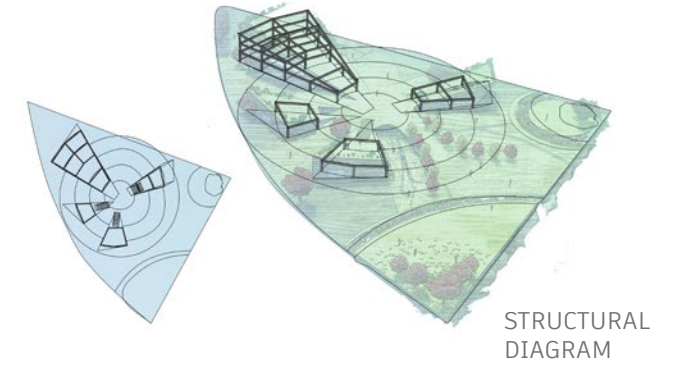
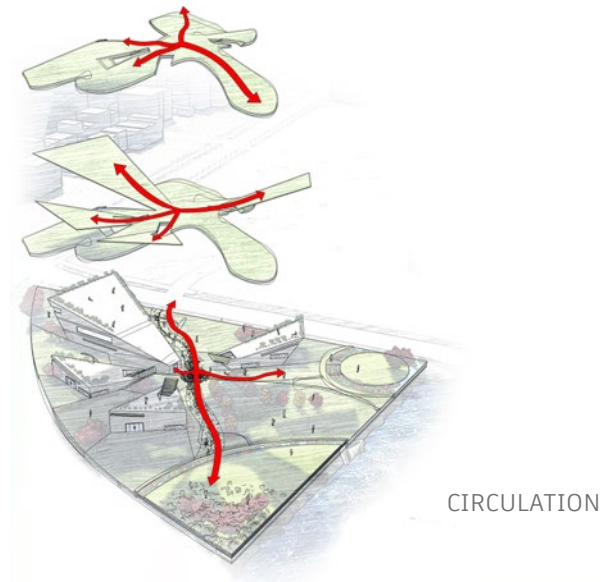




SECTION A



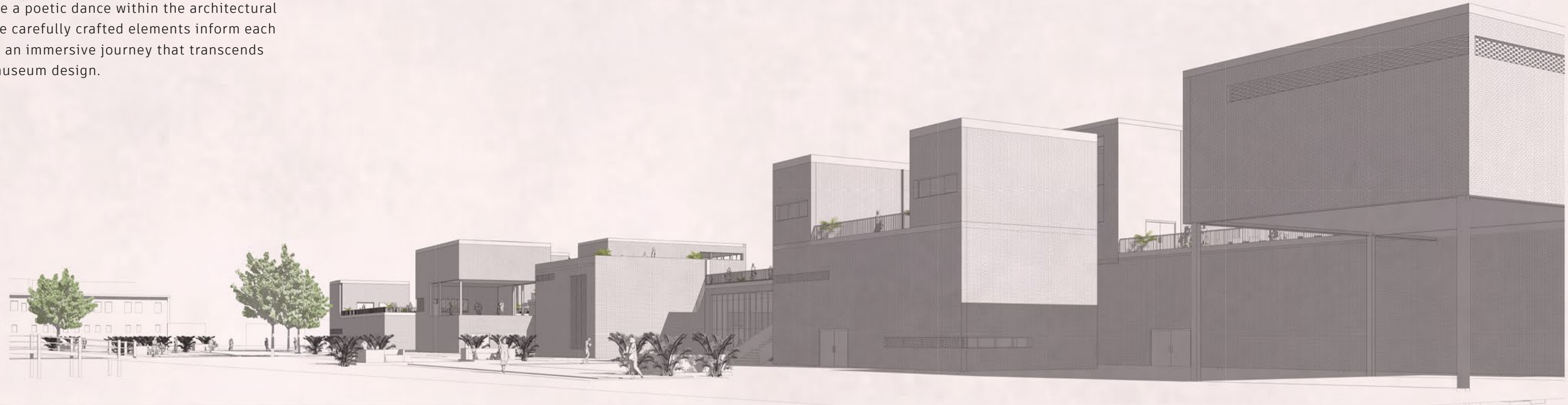
SECTION B



# CANALETTO ART MUSEUM

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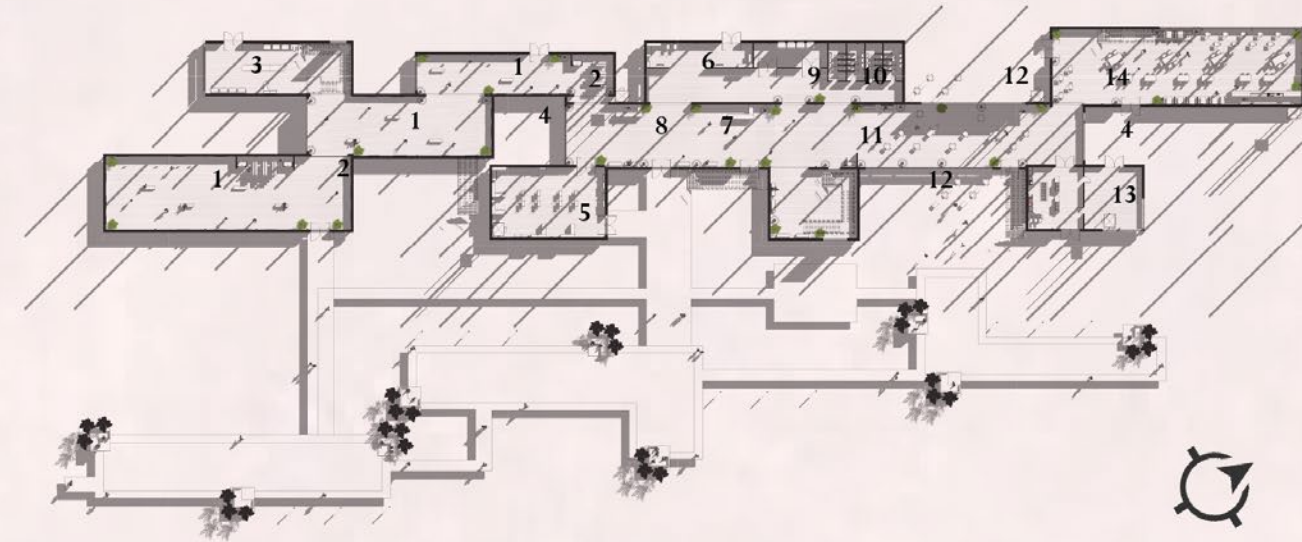
The Canaletto Art Museum is an architectural design that engages in a dynamic conversation with Venice's intricate urban fabric. By embracing negative spaces as integral components, the museum challenges traditional density norms, presenting a unique and innovative experience for visitors. The interconnected voids and solids in the design not only defy the city's crowded context but also orchestrate a poetic dance within the architectural narrative. These carefully crafted elements inform each space, creating an immersive journey that transcends conventional museum design.



In the creation of the Canaletto Art Museum, the exploration of interconnected solids and voids emerged as a guiding principle, shaping every facet of its design and layout. The deliberate integration of negative spaces became more than a design choice; it became a narrative thread weaving through the architectural fabric. The voids not only serve as aesthetic elements but are intrinsic to the functionality and spatial experience within the museum. These carefully orchestrated negative spaces dictated the placement of galleries, dictated the flow of visitors, and dictated how natural light penetrates the interior. Each void is a deliberate pause, a breath in the architectural composition, creating moments of reflection and interaction. The result is a museum where the relationship between solids and voids is not just visual but experiential, inviting patrons to engage with art and space in a manner that challenges conventions and redefines the museum experience.



SITE PLAN



FLOOR PLANS



NORTH SECTION



NORTH ELEVATION



SOUTH SECTION

SOUTH ELEVATION



EAST ELEVATION



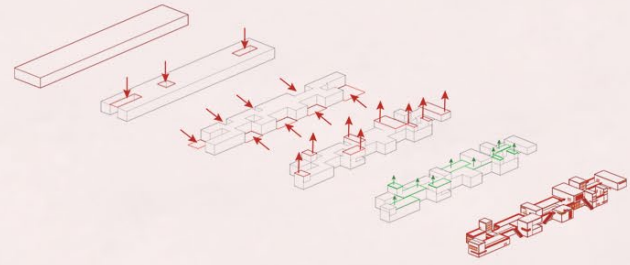
WEST ELEVATION



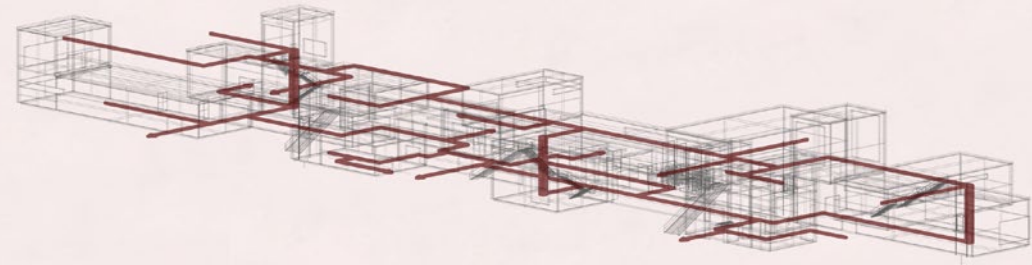
EAST SECTION



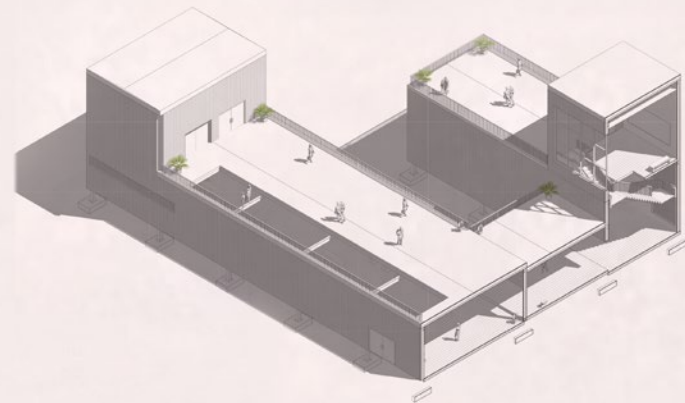
EAST SECTION



FORMAL ORDERING SYSTEM



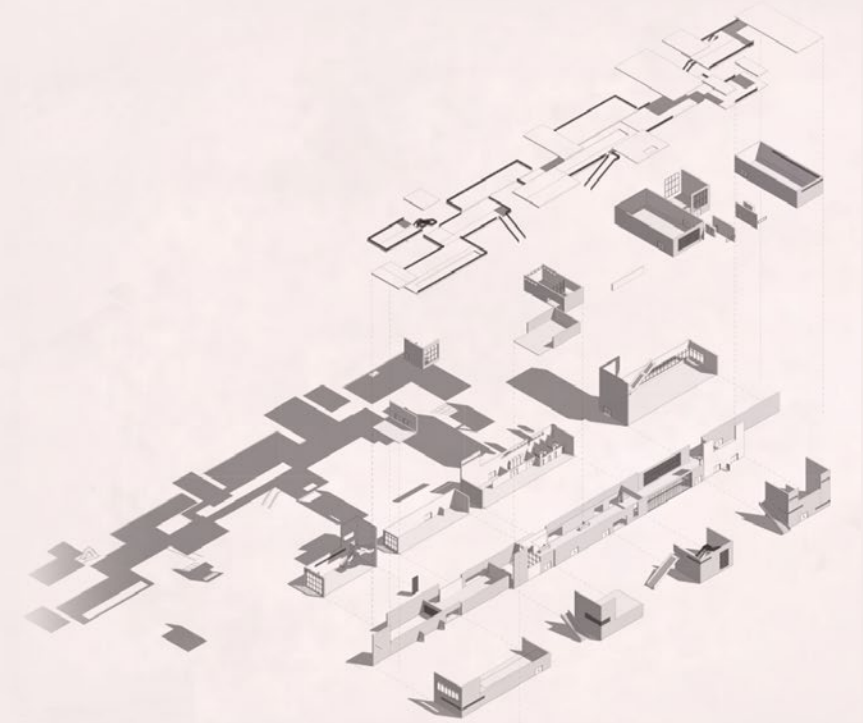
CIRCULATION



3D PARTIAL SECTIONAL AXO



PARTIAL SECTION PERSPECTIVE



EXPLODED AXO

# THE PATH

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“The Path” is an innovative and inclusive complex that redefines the concept of community living while ensuring privacy and connectivity. The design process began by addressing the challenge of creating a harmonious community that respects the individuality and privacy of each unit, while fostering connections with the larger urban context.

Central to the design concept is the idea of pathways, both physical and metaphorical, that weave throughout the complex. These pathways serve as a unifying element, linking the exterior spaces to the interior units and creating a sense of connectivity. By carefully designing the circulation routes, the complex provides opportunities for chance encounters and social interactions, promoting a sense of community and shared experiences. ”

The experience of navigating “The Path” is carefully curated to define the different spaces within the complex. The design utilizes architectural elements, lighting, and materiality to create distinct atmospheres that correspond to the intended functions and uses of each area. From tranquil and intimate spaces to vibrant and lively zones, the varied experiences within “The Path” enhance the overall sense of place and contribute to a rich and diverse living environment.

“The Path” embraces the principles of inclusivity, privacy, and connectedness. It provides residents with the opportunity to live in a community that respects individual needs while fostering social engagement and a sense of belonging. Through its innovative design and thoughtful curation of spaces, “The Path” aims to create a dynamic and inclusive environment that redefines the concept of community living.



At the heart of “The Path” is the centrally located community center. This vibrant space serves as a focal point and gathering area, offering opportunities for gigs, community gatherings, and other social events. It acts as a hub where residents can come together, fostering a sense of belonging and promoting a strong community bond. The design of the center takes into consideration the diverse needs and preferences of the residents, creating a flexible and adaptable space that can cater to a variety of activities and events.



SITE PLAN



UNIT FLOOR PLANS



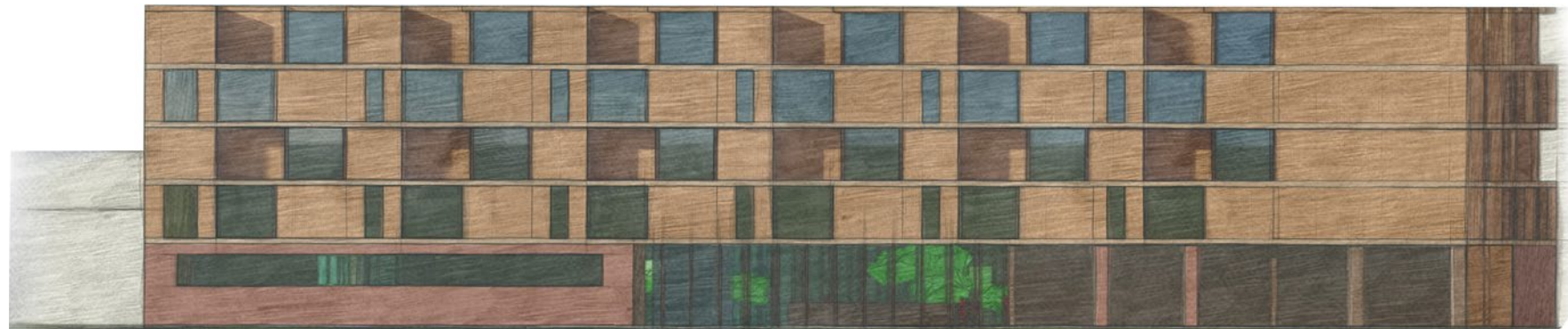
FLOOR PLANS



SECTION A



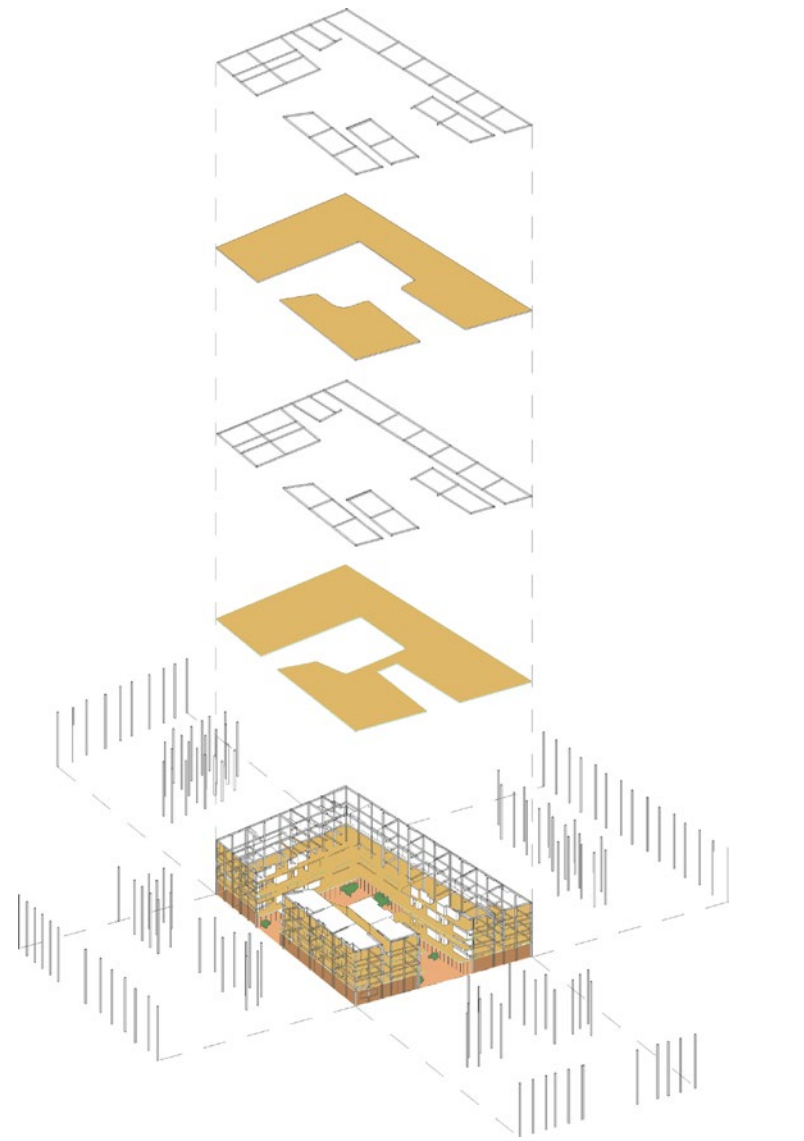
SECTION B



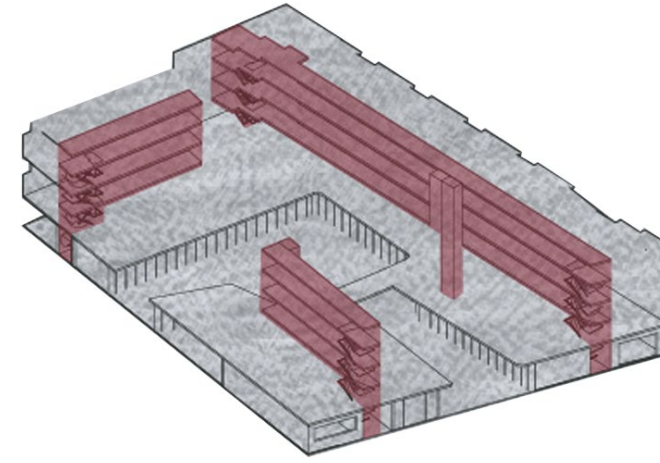
ELEVATION A



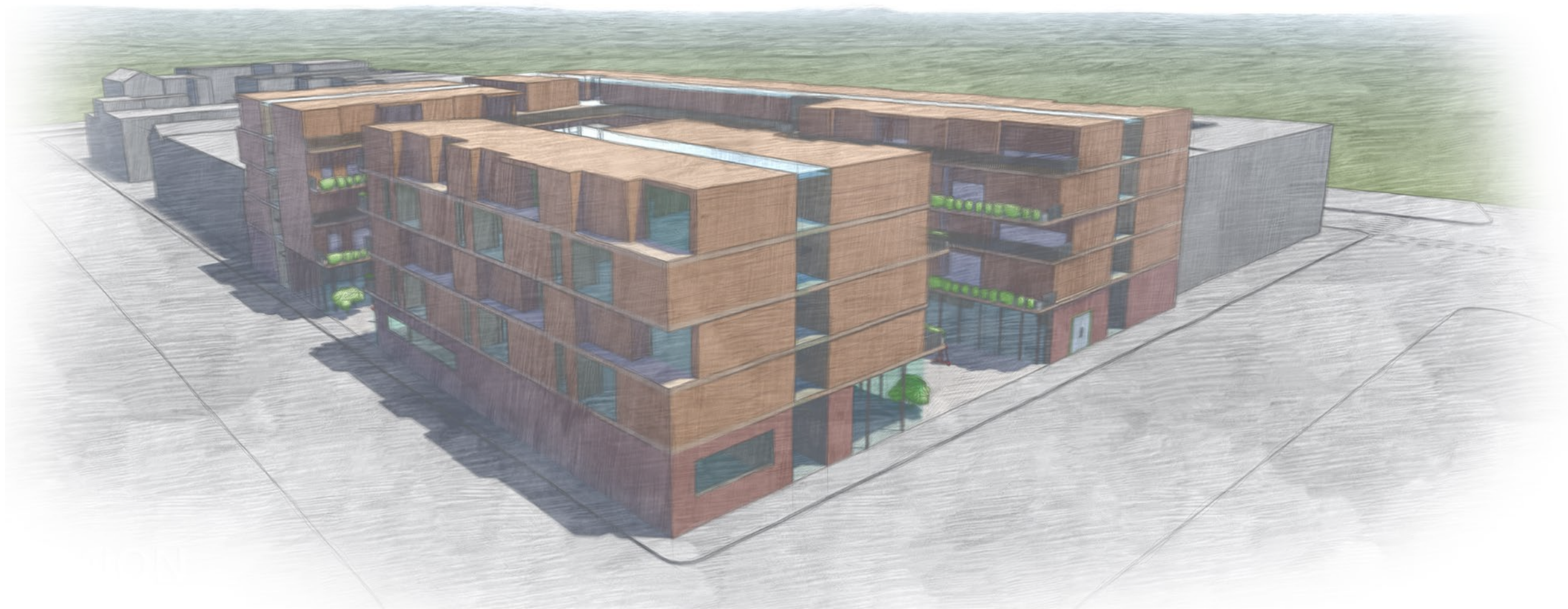
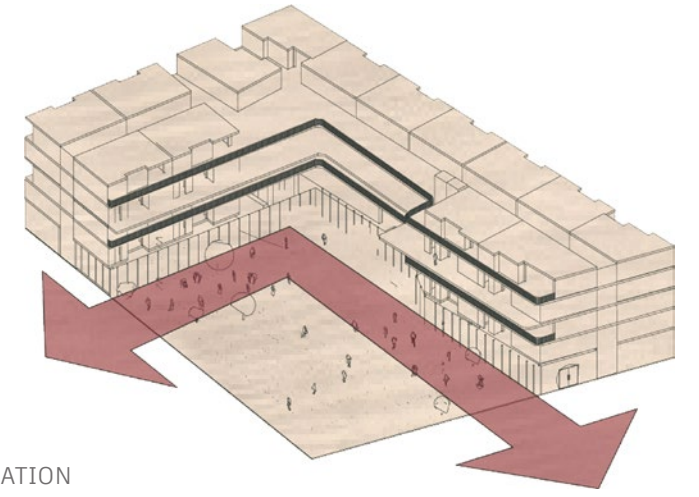
ELEVATION B

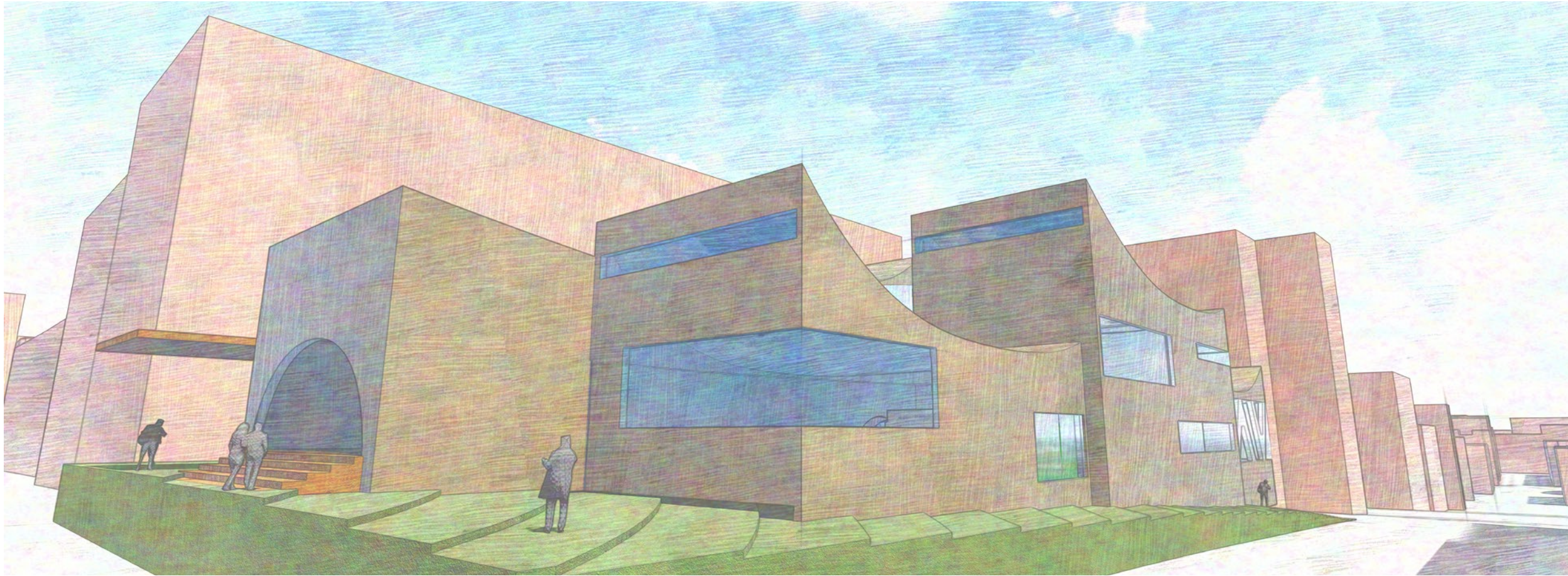


STRUCTURAL  
DIAGRAM



CIRCULATION





## TRANSCEND

“Transcend” is a transformative studio space designed to redefine the traditional experience of a creative environment. Instead of the typical stressful and confining atmosphere often associated with studios, “Transcend” aims to induce a meditative and peaceful state of mind that enhances the creative workflow. The flow and design of the space create an environment that promotes tranquility, allowing individuals to be at ease and in a state conducive to optimal creative output.

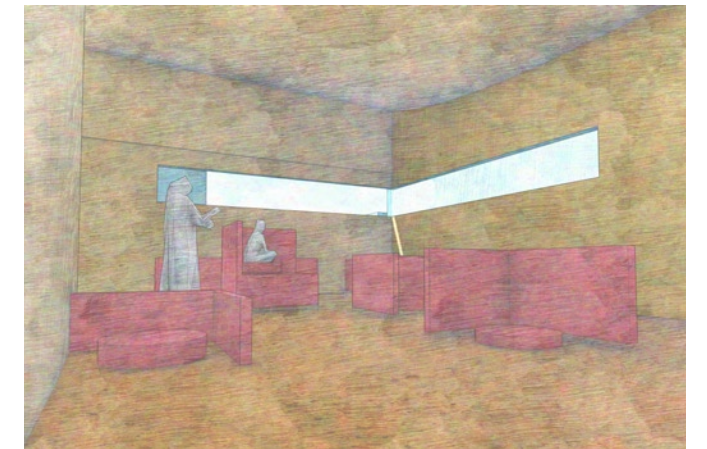
Drawing inspiration from the principles of Feng Shui, “Transcend” utilizes flowing tall walls and strategic spatial arrangements to encourage a relaxed and connected state of mind. The integration of these design elements establishes a sense of harmony between individuals, their surroundings, and the overall environment. By fostering a connection to nature and incorporating natural elements, “Transcend” encourages a deeper engagement with the surroundings and stimulates a heightened state of creativity.

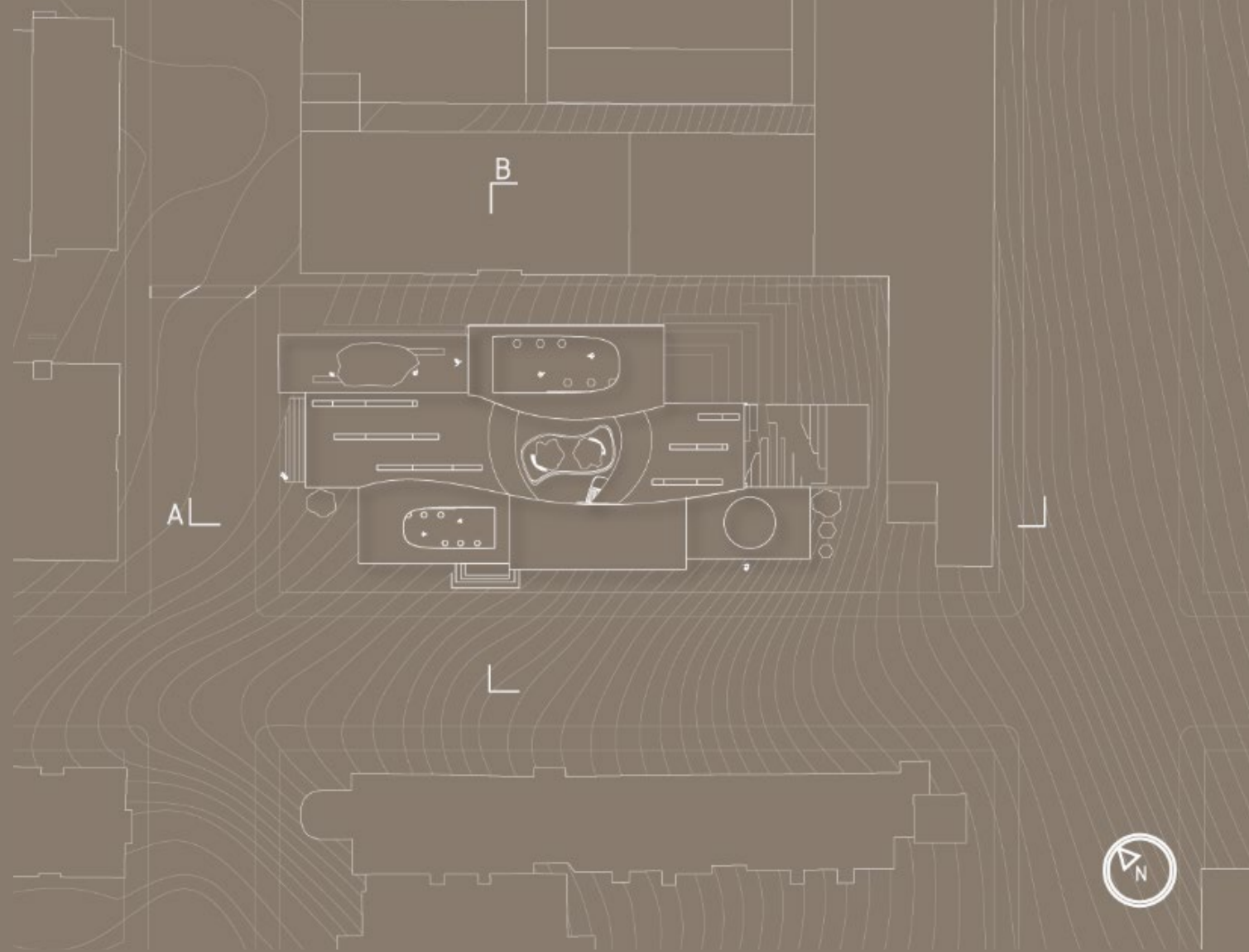
The program of the project is divided into two distinct sides, reflecting the yin and yang concept. One side of the space is dedicated to Zen and relaxation, providing areas for meditation, reflection, and rejuvenation.

These spaces offer a respite from the demands of creative work, allowing individuals to recharge and find inner balance. On the other side, the studio and workspaces are thoughtfully designed to promote collaboration, innovation, and productivity. The layout and functionality of these areas are carefully planned to support the creative process and

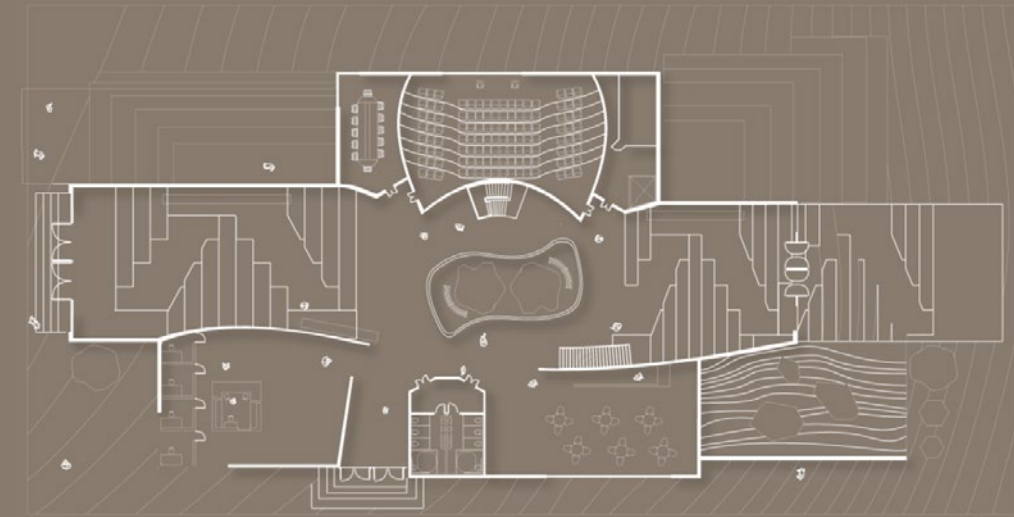
foster a sense of community among students, faculty, and staff. Ultimately, “Transcend” seeks to create a tranquil state of mind that unlocks the full potential of students’ creative output. By embracing the balance between relaxation and focused work, this harmonious space empowers individuals to reach new heights of inspiration and productivity.

The meditation booths are thoughtfully designed with two walls each, creating a unique arrangement that allows for an immersive and personal experience. These enclosed spaces provide a serene and calming atmosphere, shielding individuals from distractions and external influences. Inside the booths, individuals can find solace, peace, and the opportunity to reconnect with their inner selves. The varying heights of the booths offer a sense of visual interest and hierarchy within the space, further enhancing the overall ambiance.

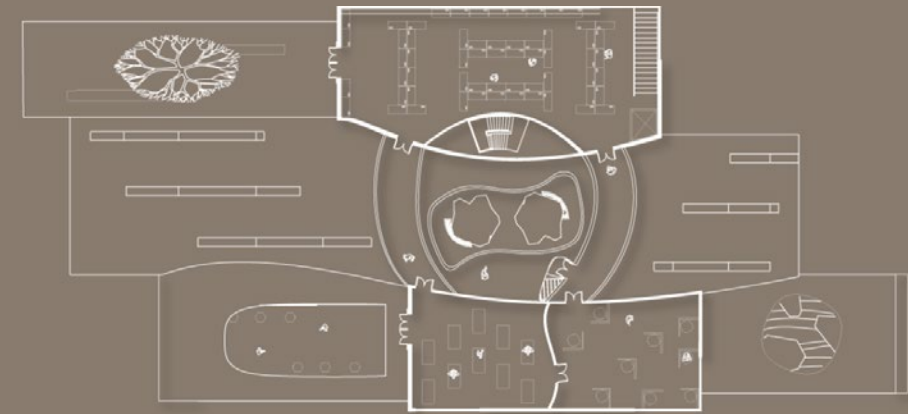




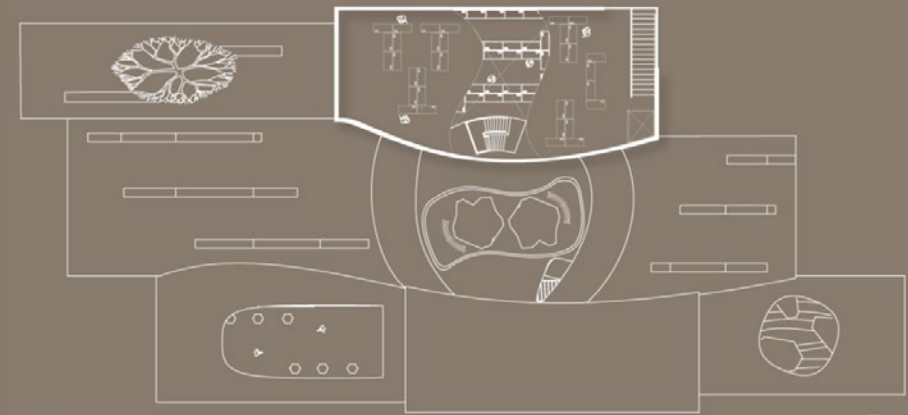
SITE PLAN



Ground Floor Plan

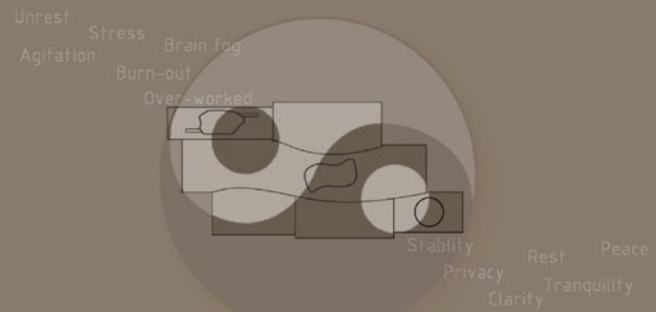


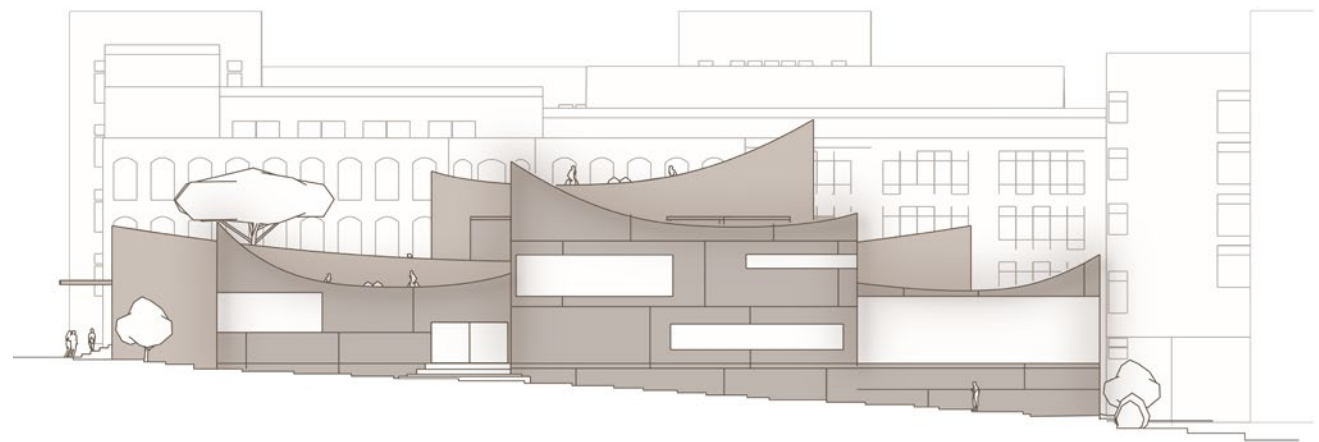
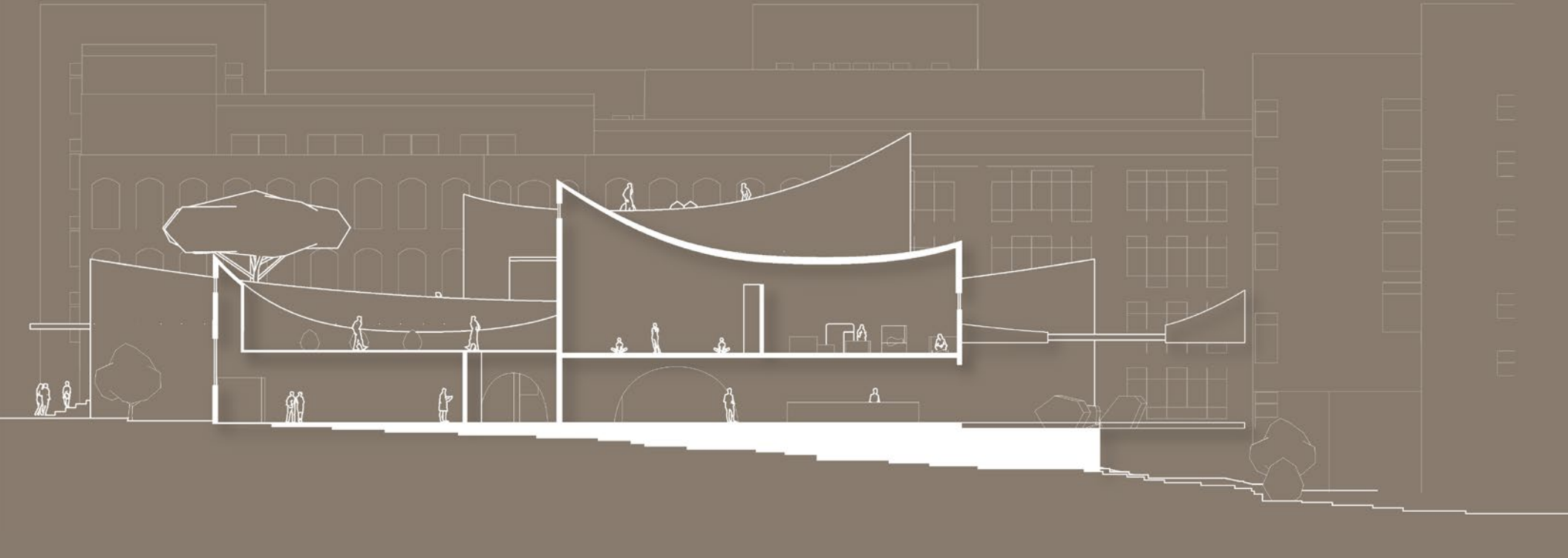
Second Floor Plan



Third Floor Plan

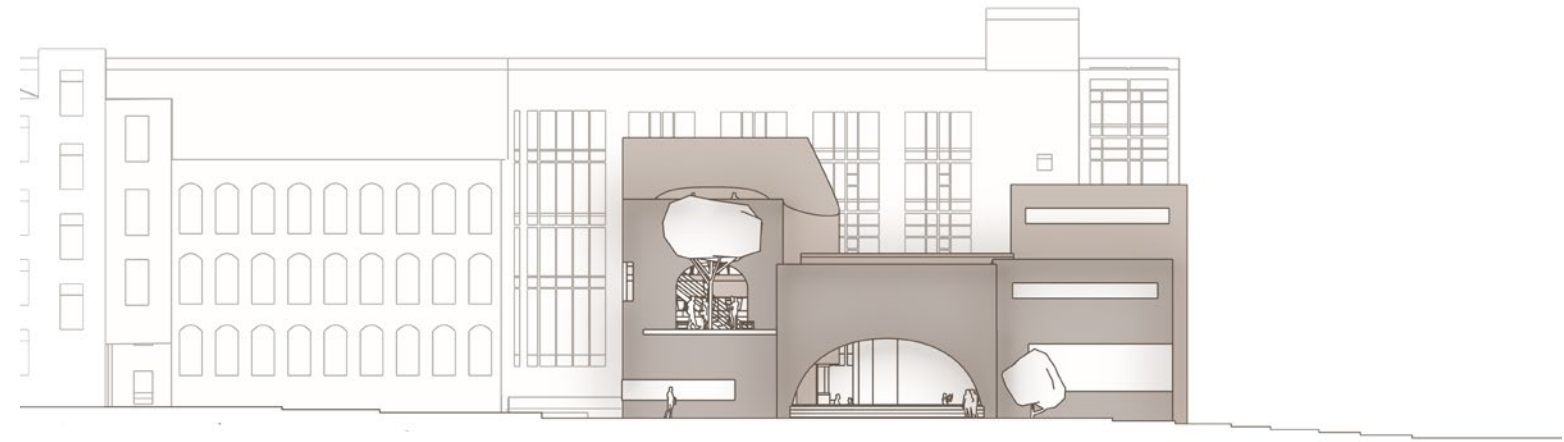
FLOOR PLANS





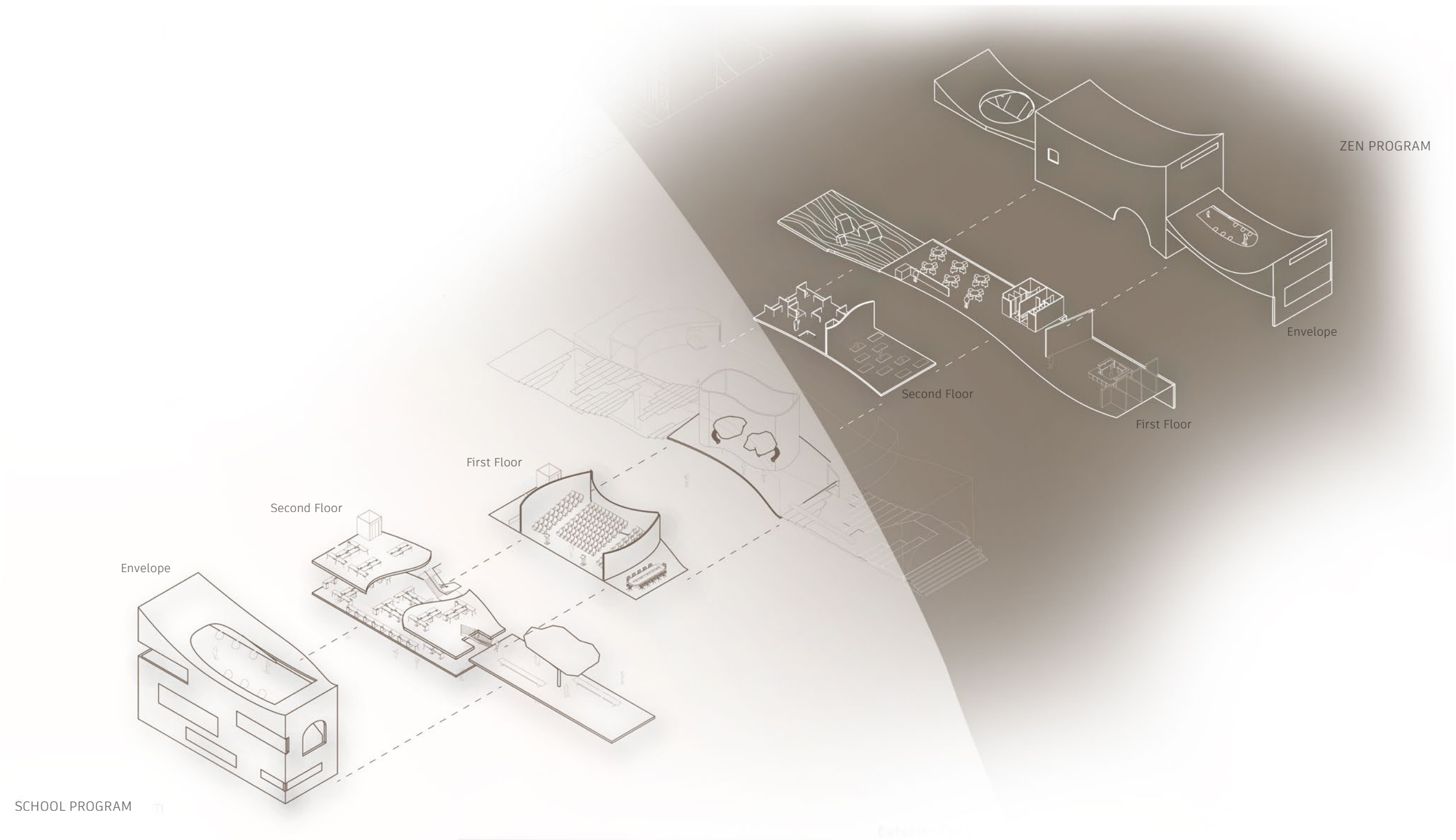
SECTION A

ELEVATION A



SECTION B

ELEVATION B



SCHOOL PROGRAM

ZEN PROGRAM

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