

PORTFOLIO

Fahriye Betul Caliskan



RESUME

Phone: 912-481-6410
Email: fbcalisk@gmail.com
[LinkedIn](#)
Adress: 4302 University Dr, Houston, TX 77004

EDUCATION

Present-05/2027: UNIVERSITY OF HOUSTON, TX
(Honor Student, Senior, Architecture Major, Construction Management Minor)
• Awards earned: Won Future Women in Architecture (FWIA) drawing competition (Fall 2024).
Nominated for Prospectus (Fall 2021)

08/2021-07/2022: KENNESAW STATE UNIVERSITY, GA
(Honor Student, Freshman, Architecture Major, Construction Management Minor)
3.87 GPA-33 credits

08/2020-05/2021: GEORGIA SOUTHERN UNIVERSITY, GA
(Dual Enrollment, High School Student)
4.0 GPA- 9 credits

08/2020-05/2021: FORSYTH CENTRAL HIGH SCHOOL, GA
• Awards earned: Congressional Art Competition winner at Georgia District 12 (see page 24).
Capitol Art Competition winner at Georgia District 12 (see page 25).

WORK EXPERIENCE

Architecture Studio Mentor (2024-present)
• Collaborated with FWIA to help freshmans with softwares, studio life, and adjust architecture school.

Computer Lab Assistant (2022-present)
• Helping architecture and enginnering students with any issues related to computer, printing or software issues.

E Plus Interiors (Summer 2025)
• Working on an existing floor plan to design an approximately 5,000 sq ft commercial office space, developing concept for anTech Startup office.

Summer Camp Teacher (Summer 2021)
• Collaborated with K12 student counselors to design fun and enriching learning activities.

SOFTWARE
o Autodesk Inventor o Autodesk Revit o Rhinoceros o Adobe Illustrator
o AutoCAD o MS Office o Adobe Indesign o Enscape
o Microsoft Outlook o Bluebeam Revu o Adobe Photoshop

LANGUAGES
o English
o Turkish

CONTENT

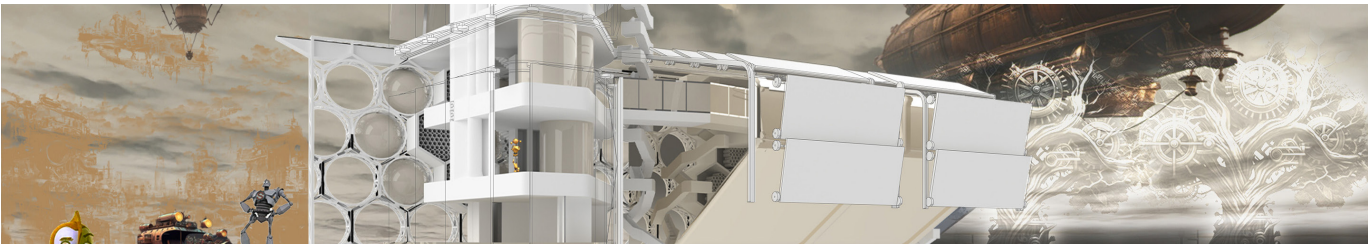


ARCH 3500

LINEAR LAYERS

I-FLY, Texas City, Texas

6



ARCH 3501

THREADED GARDENS

Residential- Communal Living, Third Ward, Texas

12



ARCH 2501

CLOVERLEAF

Restaurant- Garden, Montrose, Texas

16



E Plus Interiors

SYNIXIA

Tech StartUp Company

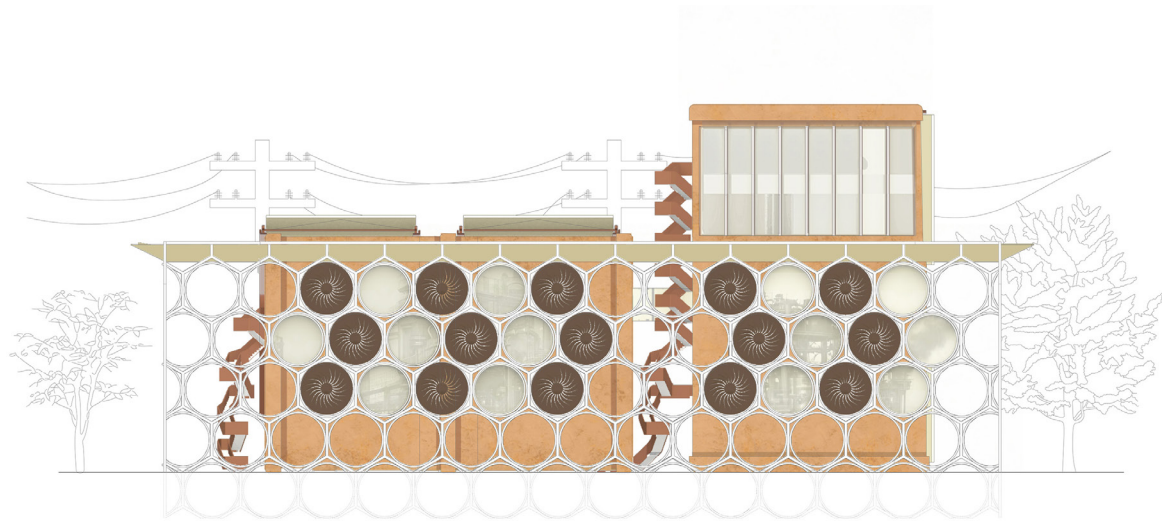
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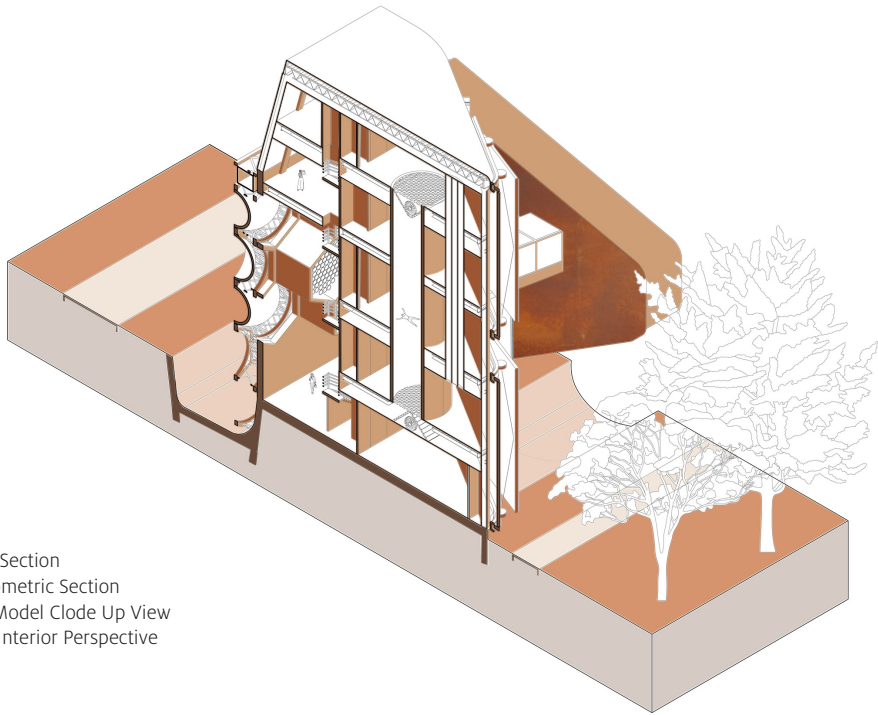
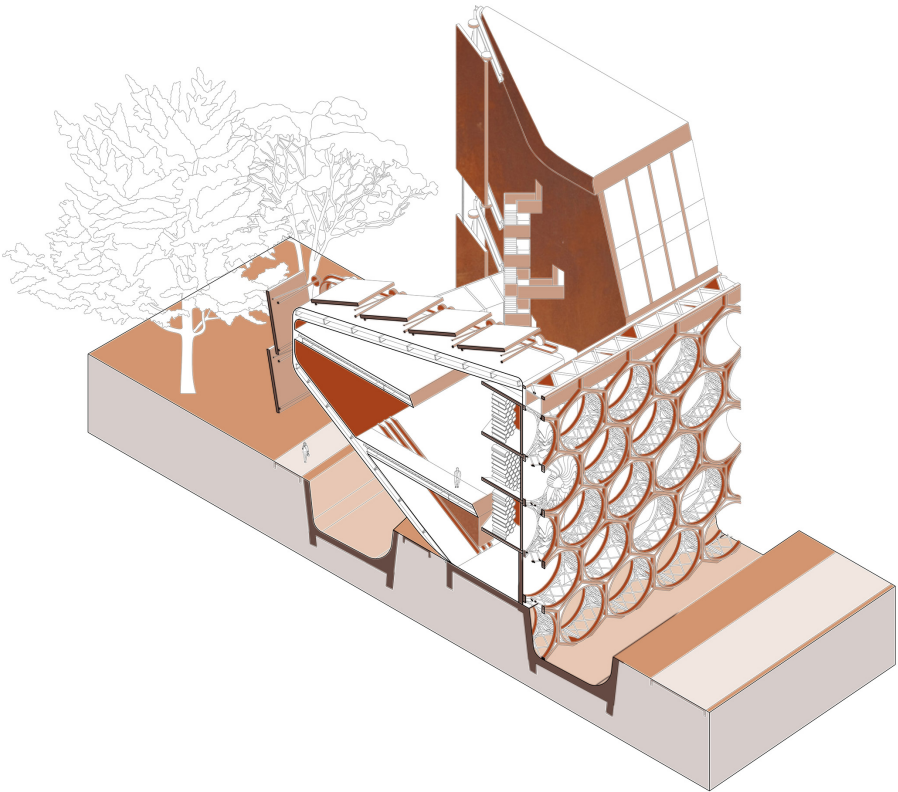


LINEAR LAYERS

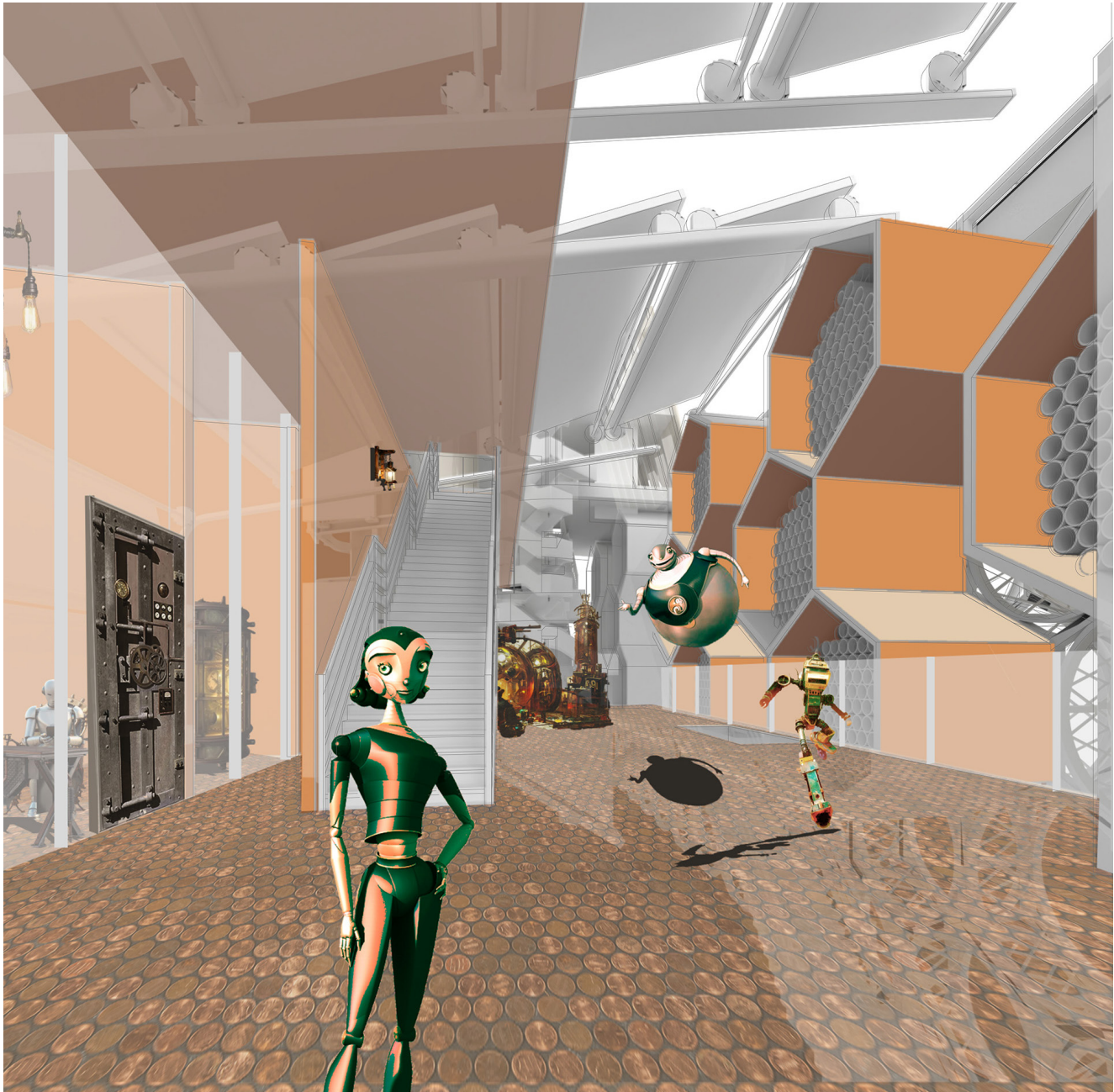
William Truitt- Fall 2024
FWIA Drawing Competition Winning Project



Through Texas City analysis, I discovered three layers of residential and industrial layers moving over the years. As the industrial area has moved north, the residential grew towards northwest. I took the concept of layering and specifically on the front technology. In this front technology, there are several layers creating a pathway for air. First these exterior fans take in the air to the building where it meets honeycomb shaped filters. These filters are located on the end of structural honeycomb extensions. From then, the air meets the damped pottery beehive cooling system. Once the hot air goes through damped pottery tubes, it comes out cooled down. And with that, air finds its way to the building. This technology acts as an individual structure and the buildings are connected to each other through a bridge and all of the floor plates are cut off to highlight the technology. While the main program is an I-FLY, all corresponding programs are dispersed to keep the visitors interactive within the two buildings. Additionally, the building has kinetic solar panels that can be adjusted for the sun's direction. As an emphasis to the layers, there is a visible linear grid within my programs. This is also visible on the site, though the trees, pathways, and bodies of water.

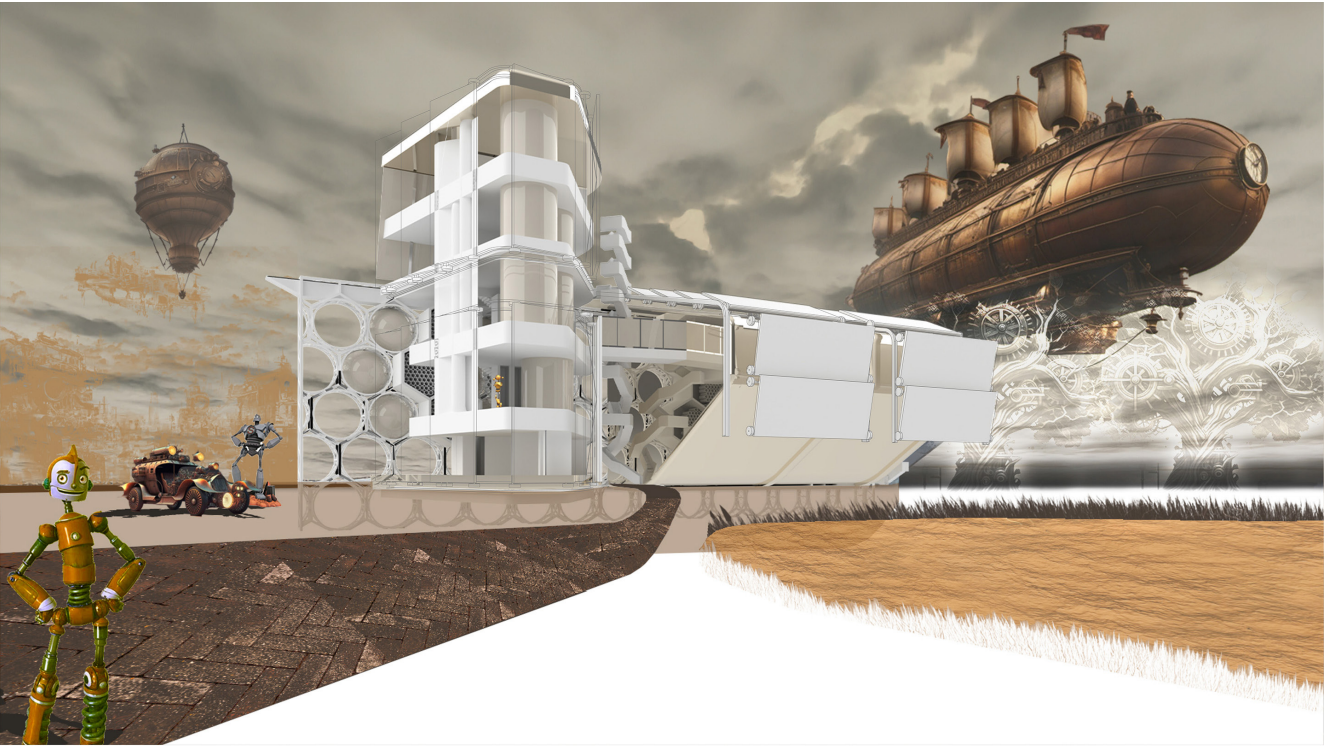
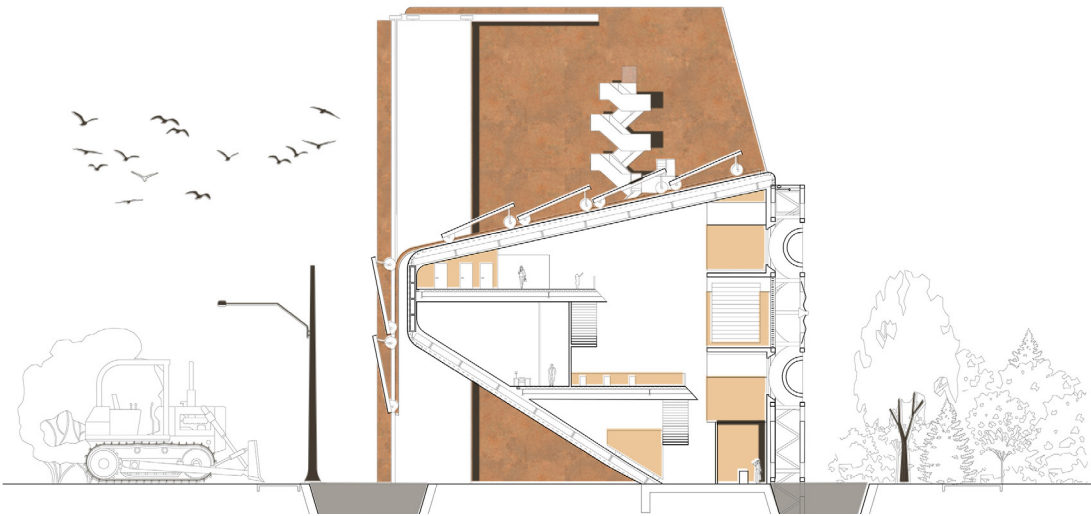
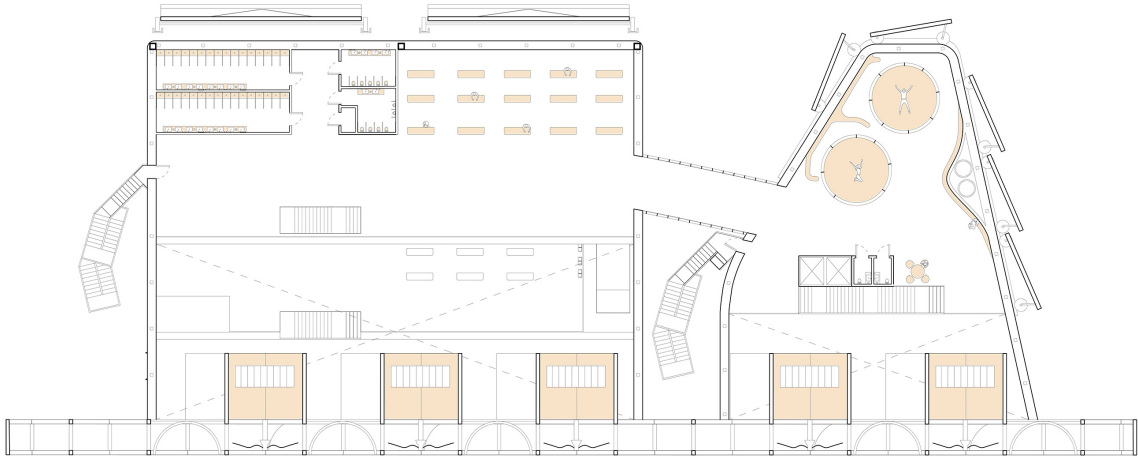


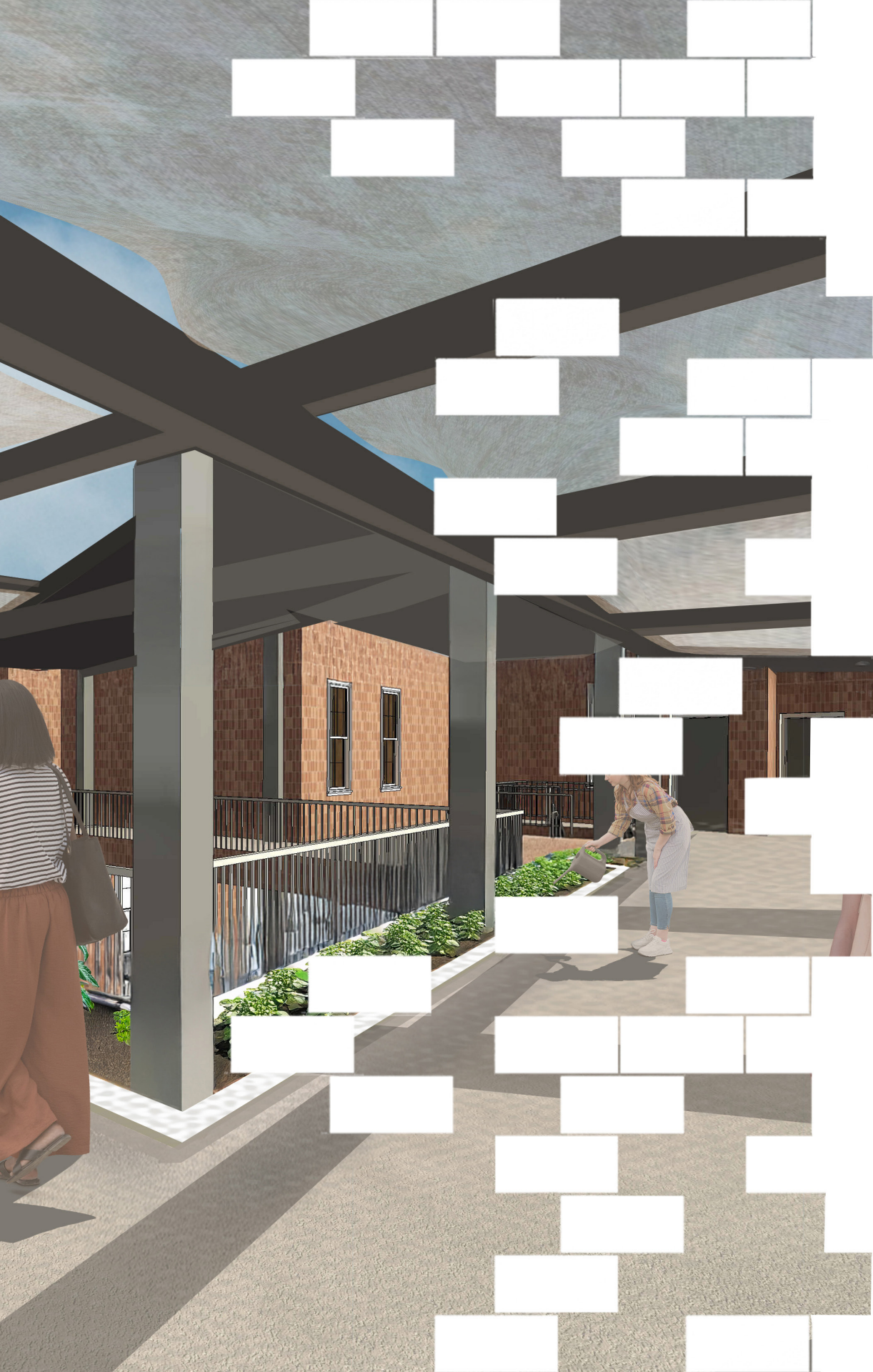
Above: SE Isometric Section
Above Next: NW Isometric Section
Right Above: Final Model Clode Up View
Right Above Next: Interior Perspective
Drawing





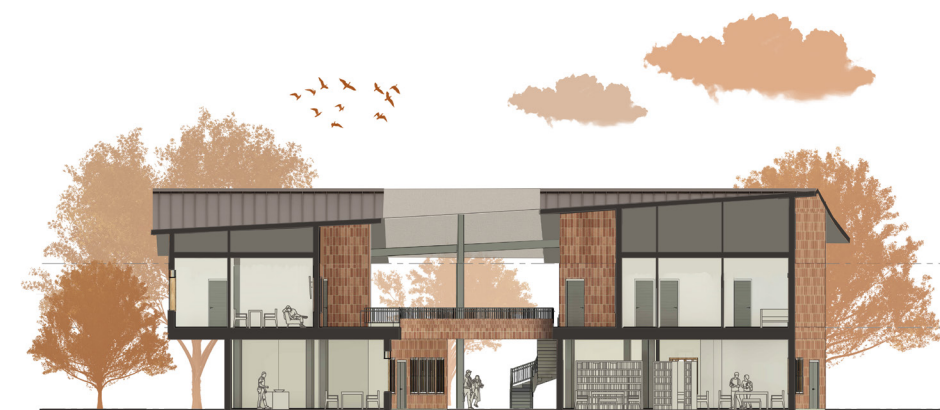
Left: Final Model Perspective View
Below: Section A
Right Above: Third Floor Plan
Right Below: Exterior Perspective Drawing





THREADED GARDENS

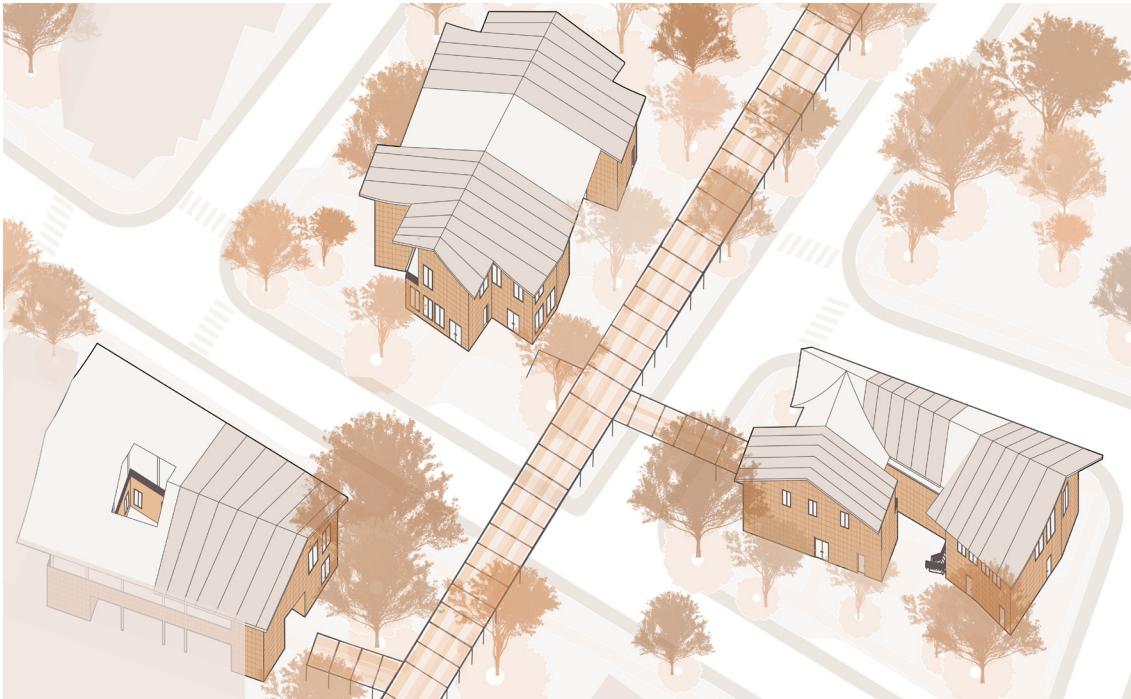
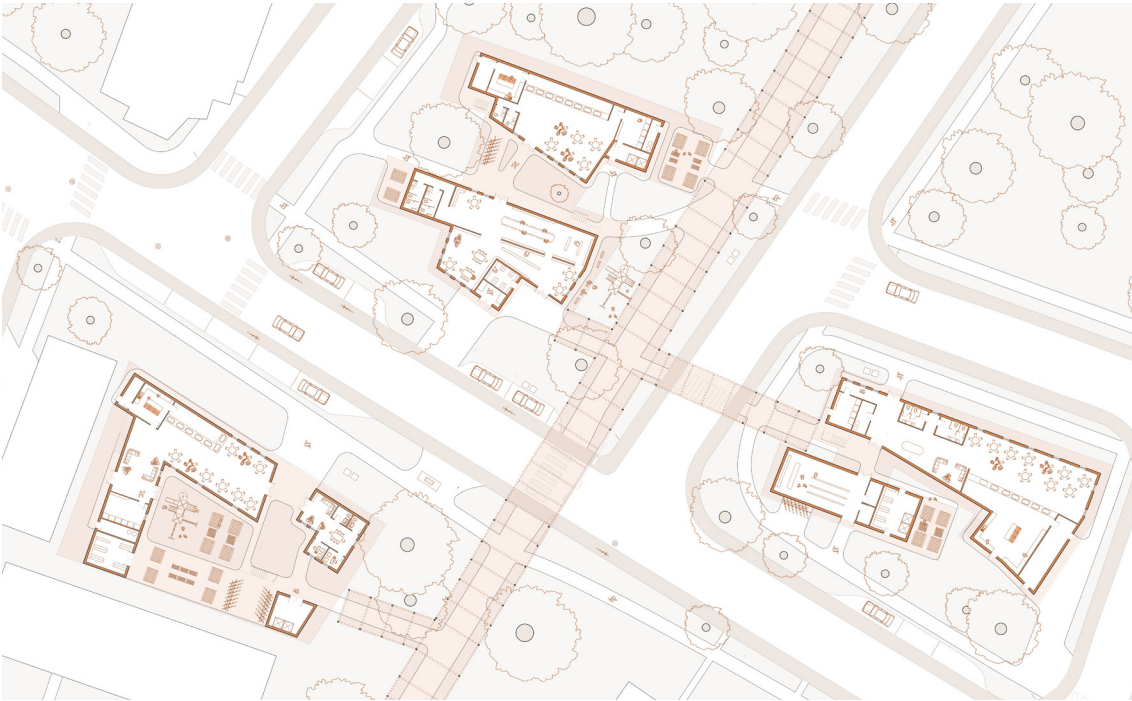
Donna Kacmar - Spring 2025



In my analysis of Houston's Third Ward, I found that a lack of greenery and poor traffic control contribute to unwelcoming, unsafe streets. My design proposes transforming Holman Street into a more inviting and community-focused environment through added greenery and strategic stop signs. This vision of nature extends into the architecture, where rooftop gardens encourage residents—primarily families and young couples—to grow food and build community. Communal kitchens support shared cooking experiences, while a thrift store promotes sustainability by upcycling donated clothing into items that can be sold or reused. To foster inclusivity, the program includes a public library accessible to all ages and located near the Columbia Tap Trail for easy neighborhood access. The architectural form is shaped by the angles of the surrounding streets, resulting in varied footprints and a dynamic layout. Public and semi-public functions like the library, thrift store, playground, and barbecue areas are situated on the ground floor to ensure accessibility. Residential units are located above, with rooftop gardens and seating areas extending the sense of community vertically. The structure is constructed from mass timber, with column spans ranging from 13 to 25 feet. Due to the angular placement of buildings, each has its own grid system. The exterior features terracotta panels backed with perforated metal, offering varied porosity. Over the Columbia Tap Trail, a fabric canopy—echoing the rooftop garden design—provides shaded gathering spaces. These areas host occasional farmers' and flea markets, celebrating local produce, creativity, and neighborhood engagement.



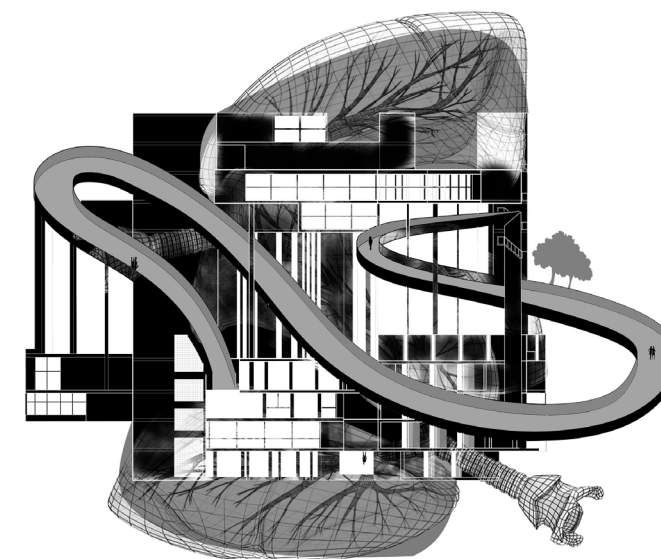
Left Above: Wall Section Drawing
Left Above Next: Model Pictures
Left Below: Ground Floor Plan
Right Above: Perspective 02
Left Below: Axonometric Drawing



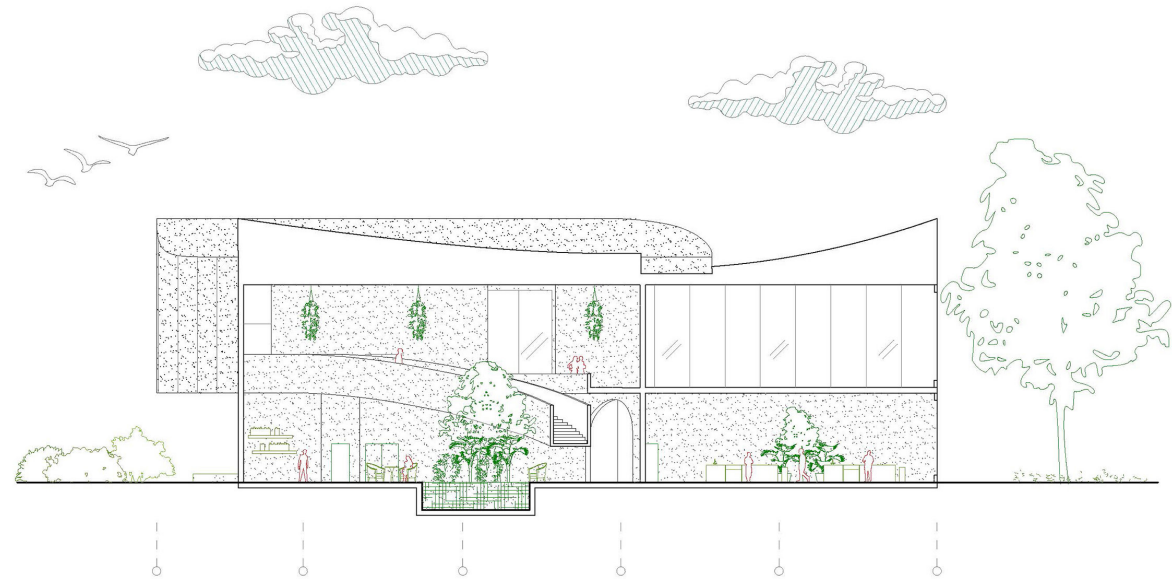


CLOVERLEAF

Ozan Sen - Spring 2024



Cloverleaf, inspired by Le Corbusier's Carpenter Center, creatively incorporates architectural concepts reminiscent of the iconic structure. It diverges by introducing dynamic shapes that overlap, creating a curvilinear form distinct from the Carpenter Center's rigid grid. Embracing the public, Cloverleaf features a welcoming water beds surrounding all the entrances. Upon entering the botanic garden seamlessly transitioning visitors from the outside to the interior with an integrated library. The entrance showcases a captivating fusion of design elements, including a curved staircase and elevator guiding individuals through different building levels. The central gathering area, equipped with a bar, encourages collaboration and warmth. A deliberate architectural opening provides a transparent view into the kitchen, demystifying the culinary process and fostering accessibility. As visitors ascend through the building, the space transforms into offices, blending functionality with contemporary design sensibilities. Cloverleaf, with its botanical charm, dynamic configuration, and thoughtful connectivity, reflects the evolution of architectural concepts inspired by Le Corbusier's Carpenter Center.



Above: Final Model Exterior
Below: Section A
Right Above: Interior Perspective
Right Below: Exterior Perspective 02



SYNIXA

E Plus Interiors - Summer 2025



Synixa is a design of a 5,000 sq ft commercial office space with a unique concept tailored for a Tech Startup. The project started by using an existing building floor plan provided by the team, and from there, the focus turned to creating a shared lobby that connects three separate offices—the startup’s space, a social media studio, and a wellness center. The goal was to make the lobby feel open and inviting, with a standout ceiling feature that sets the tone as soon as you walk in. Once the lobby was in place, attention shifted to the startup’s office interior. Right at the entrance, there’s a reception desk that stands out, paired with a cozy waiting area just across from it. Behind that, a meeting and gathering area is set on a wavy platform that adds visual interest while also offering a sense of semi-privacy. The main work area is off to the left, where the team shares one large desk. Its organic, wavy shape creates soft boundaries between workspaces without fully dividing them—offering both connection and a bit of personal space. Toward the back of the office is the presentation area. A roll-down screen is cleverly hidden behind a bookshelf, and below it, a writable wall gives the team a spot to sketch out ideas and collaborate during discussions.



Left: Office Space Perspective
Right: Lobby Perspective



Right: Lobby Perspective

AWARDED ARTWORKS



Painting of Georgia Southern University-Lake Ruby
Painting was displayed in Congress at Washington DC for a year (2020-2021)



Vizcaya Museum & Gardens
Painting was displayed in Georgia Capitol Museum (2020)