



SELECTED WORKS | SPRING 2020 - SPRING 2025
ARCHITECTURE PORTFOLIO

SABRINA CHAPPELL



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📁 Portfolio | issuu.com/sabrinachappell



Education

August 2022 - May 2027 **University of Kansas** | Lawrence, KS | GPA 3.57
Master of Architecture anticipated graduation in May 2027

August 2018 - May 2022 **Wichita Collegiate School** | Wichita, KS | GPA 4.0
High School Diploma - Summa Cum Laude
AP Credits: Calculus AB, Psychology, Chemistry, Literature & Composition, and United States History

Work Experience

June 2025 - August 2025 **SPT Architecture** | Wichita, KS | Architectural Intern
As a architectural intern at SPT I supported design development and construction documentation for multi-family residential, single-family residential, and K-12 education projects. I participated in team meetings, client presentations & meetings, and site visits to understand project workflows. Gained practical experience in code compliance, detailing, and design coordination. Worked on using programs such as Revit and Bluebeam.

August 2022 - Present **University of Kansas** | Lawrence, KS | Desk Assistant
As a Desk Assistant I provided customer service by assisting residents and guests with questions and concerns. This includes following emergency procedures, logging and distributing mail/packages, monitoring desk equipment, giving housing tours and other tasks needed by superiors.

May 2022 - August 2024 **Wichita Collegiate School** | Wichita, KS | Summer Explorations Staff
Worked with students and staff to create a safe, fun environment while engaging in fun activities. Supervised and organized interactive activities, arts and crafts, games, and field trips. Ensured students and staffs safety by knowing emergency procedures, First Aid Care, and CPR.

Built Works

Sue Mango Garden | Lawrence, KS
January 2025 through May 2025 I participated in an ARCH 509 DesignBuild project with the University of Kansas' Dirt Works Studio. As a studio of 15 students along with our professor Chad Kraus we designed and constructed a sunshade, 4 weathering steel planters, a rammed earth wall, a gabion wall, and planted 594 plants to create the Sue Mango Garden. More information can be found here:

Honors

April 2025 **Architecture Portfolio Awards** | Honorable Mention
August 2022 - Present **KU Chancellor Scholarship** | Recipient
May 2021 **Forrest C. Lattner Endowment Award** | Recipient

Activities

May 2025 - June 2025 **Architecture in Southern Europe** | Study Abroad Program in Spain and Portugal
August 2022 - Present **University of Kansas Honors Program** | Member
January 2024 - Present **KU AIAS Club** | Member

Skills

3D Modeling | SketchUp, Revit, Physical Modeling, AutoCAD, Rhino
2D Drafting | Hand Drafting, AutoCAD
Rendering | Enscape
Graphics | InDesign, Illustrator, Photoshop
Operating System | Microsoft Windows

Interests

LEGO | Lifelong Builder & Enthusiast
Visual Arts | Acrylic & Watercolor Painting, Drawing, and Crafts
Reading | Percy Jackson & Related Series

References

Amy Van de Riet, AIA, Associate Professor
University of Kansas, Architecture Department
amy.vanderiet@ku.edu | 785.550.8430

Thom Allen, Assistant Professor of the Practice, Associate Director
University of Kansas, Urban Planning Department, Honors Program
t873a203@ku.edu

TABLE OF CONTENTS

	Colina Regenerative Design Center Regenerative Design Center in downtown Wichita, KS	01 - 10
	Sue Mango Garden Dirt Works Studio DesignBuild in Lawrence, KS	11 - 20
	fresca Food Hall Food Hall in downtown Kansas City, MO	21 - 28
	The Pop Up Coffee Stop Mobile Coffe and Pastry Kiosk	29 - 34
	A Place For Caring Child Development Center in Lawrence, KS	35 - 38
	ARCH 600: Digital Representation Works Diagram and Digital Drawing Projects using Adobe Illustrator	39 - 40
	Drawing Marvin Hall Perspective Drawings Works	41 - 42
	Personal Works Acrylic, Watercolor, and Ink Works	43 - 44



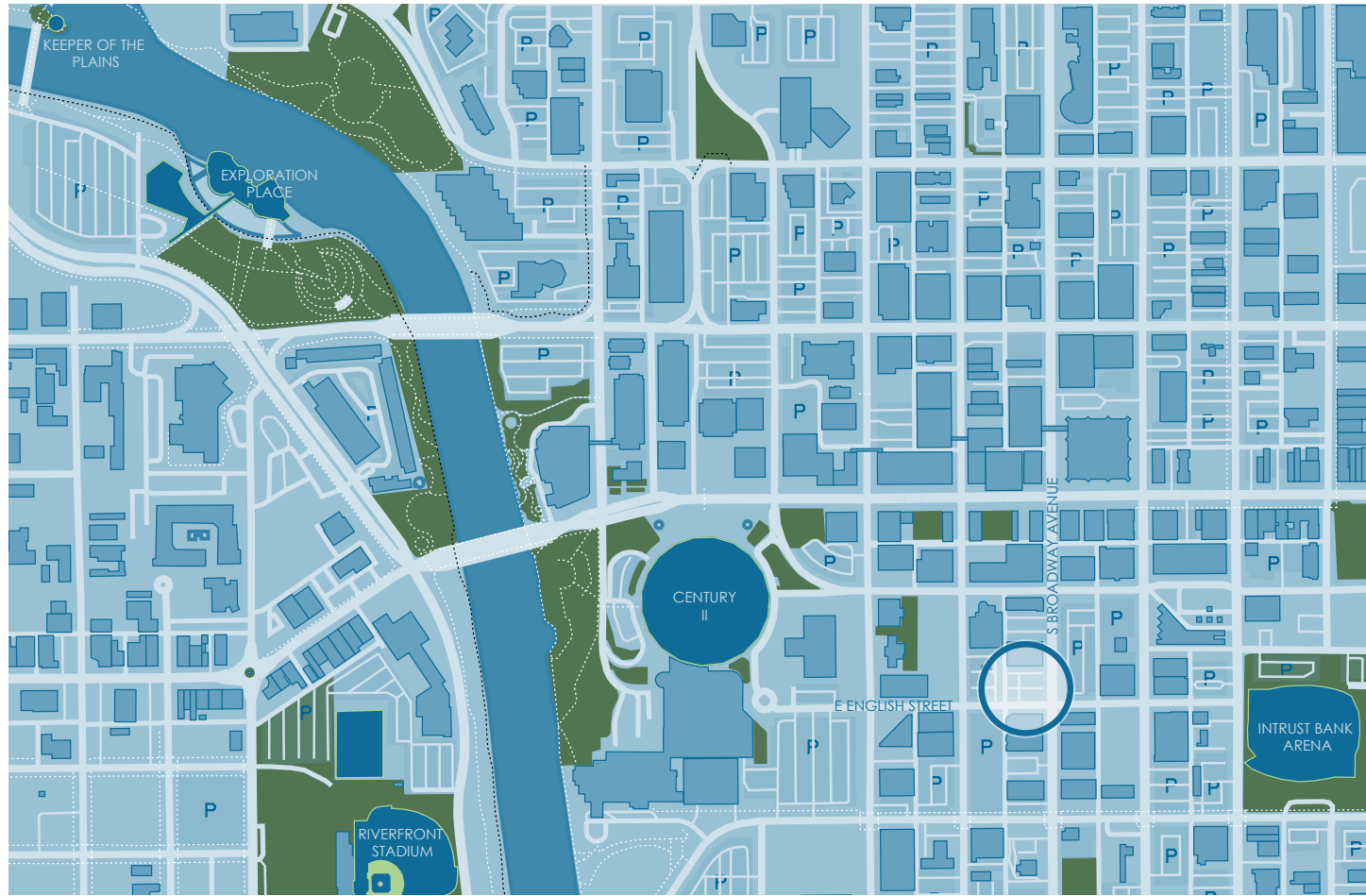


Colina Regenerative Design Center

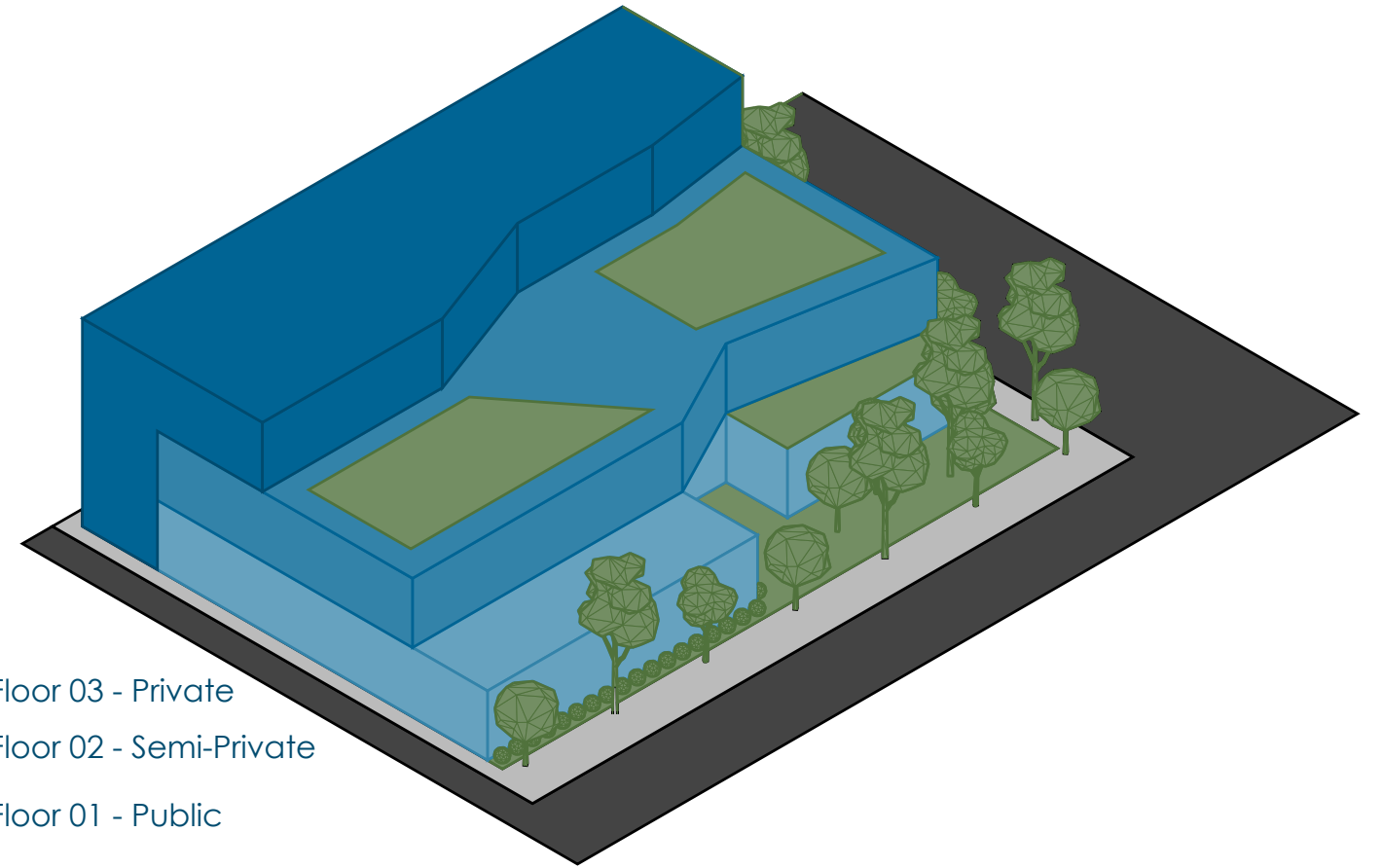
Regenerative Design Center
Downtown Wichita, KS

Professor Amy Van de Riet
Fall 2024
Individual Project
Modeling Software: Revit
Rendering Software: Enscape

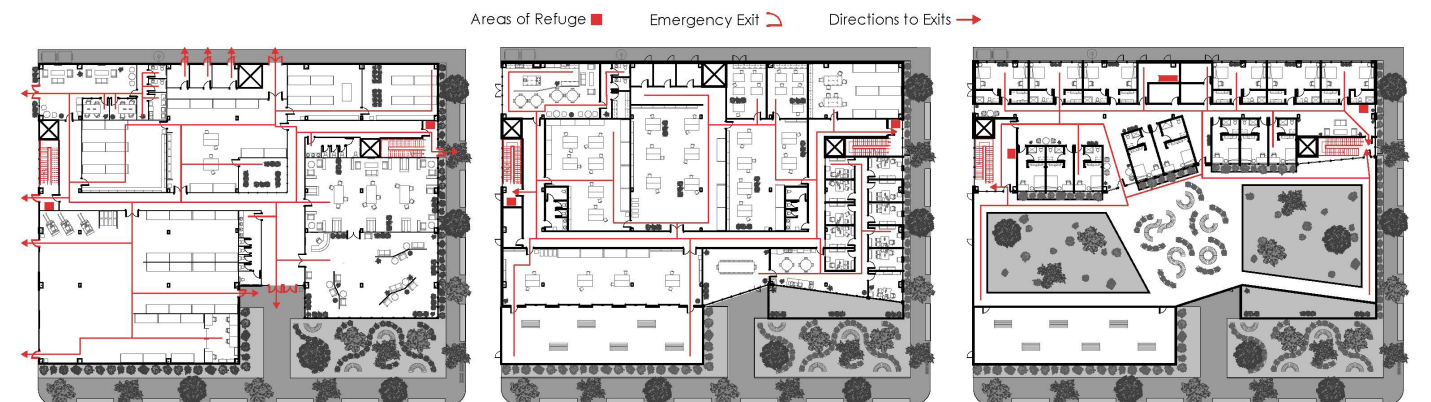
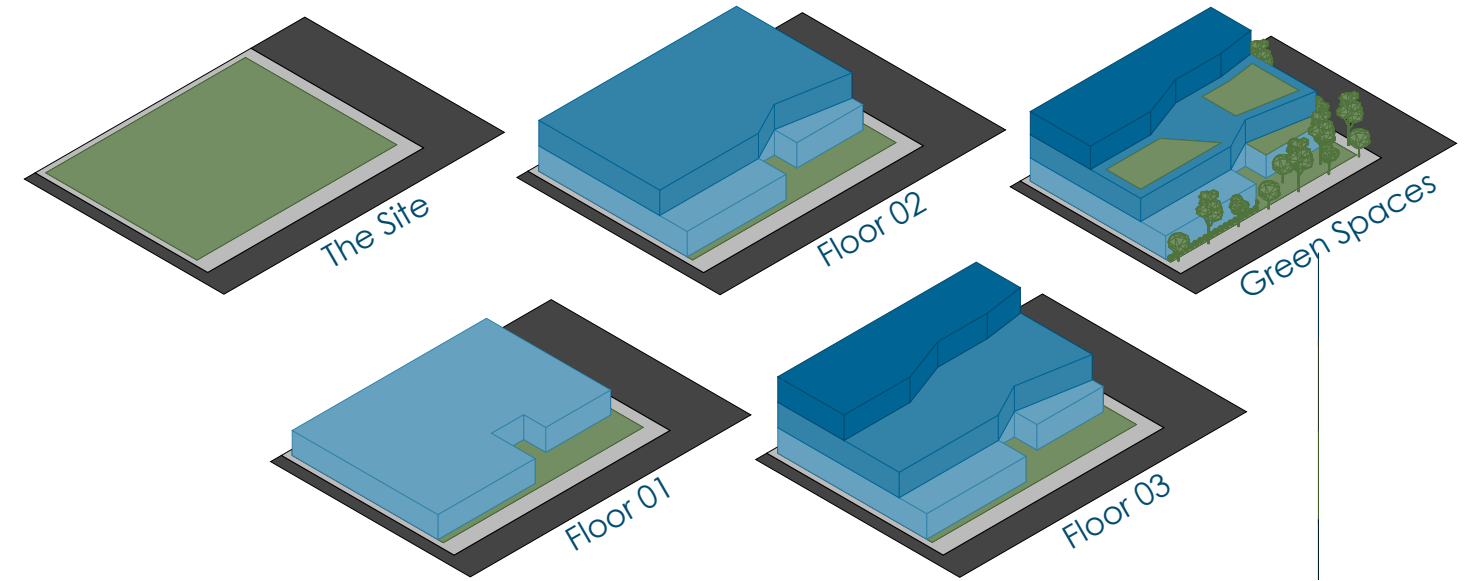
This project focused on creating a regenerative design center that would take in old wooden palletes and reuse them to create rain garden planters. The center would be a space to teach about water pollution and show people how to mitigate it in their own communities



MAIN ENTRANCE



Floor 03 - Private
 Floor 02 - Semi-Private
 Floor 01 - Public





GROUND FLOOR PLAN



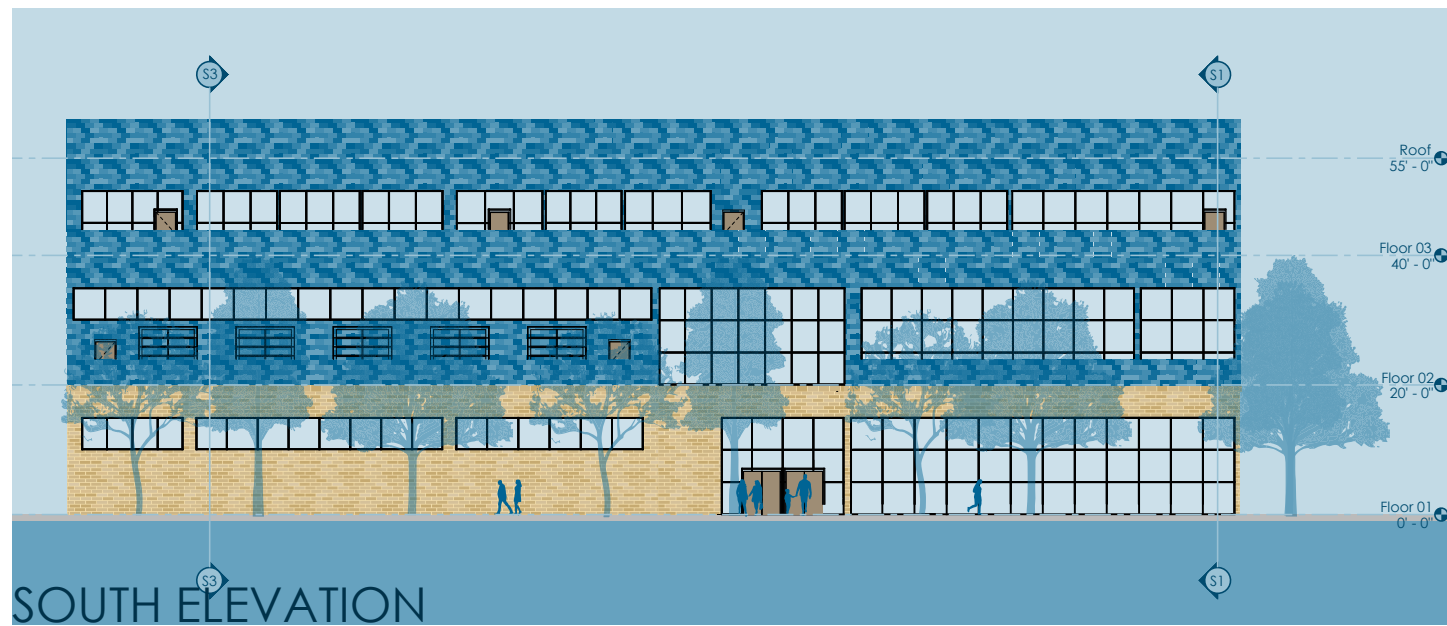
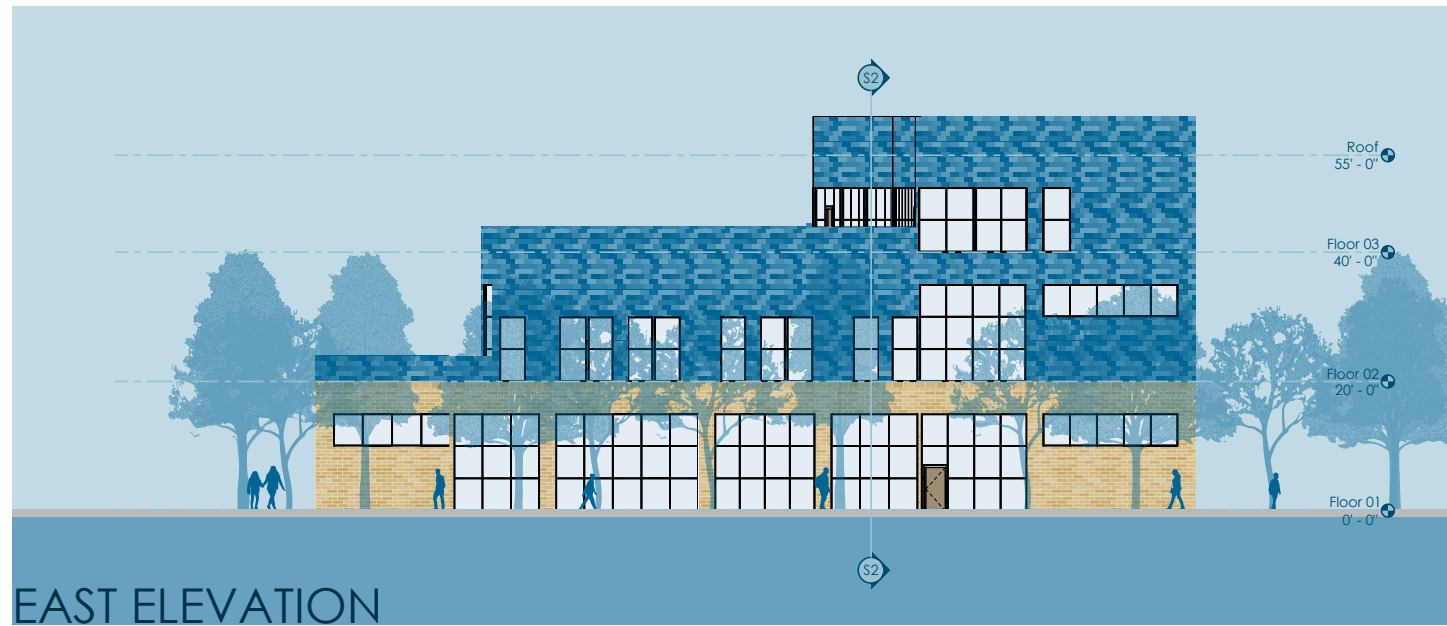
SECOND FLOOR PLAN



PUBLIC LOBBY



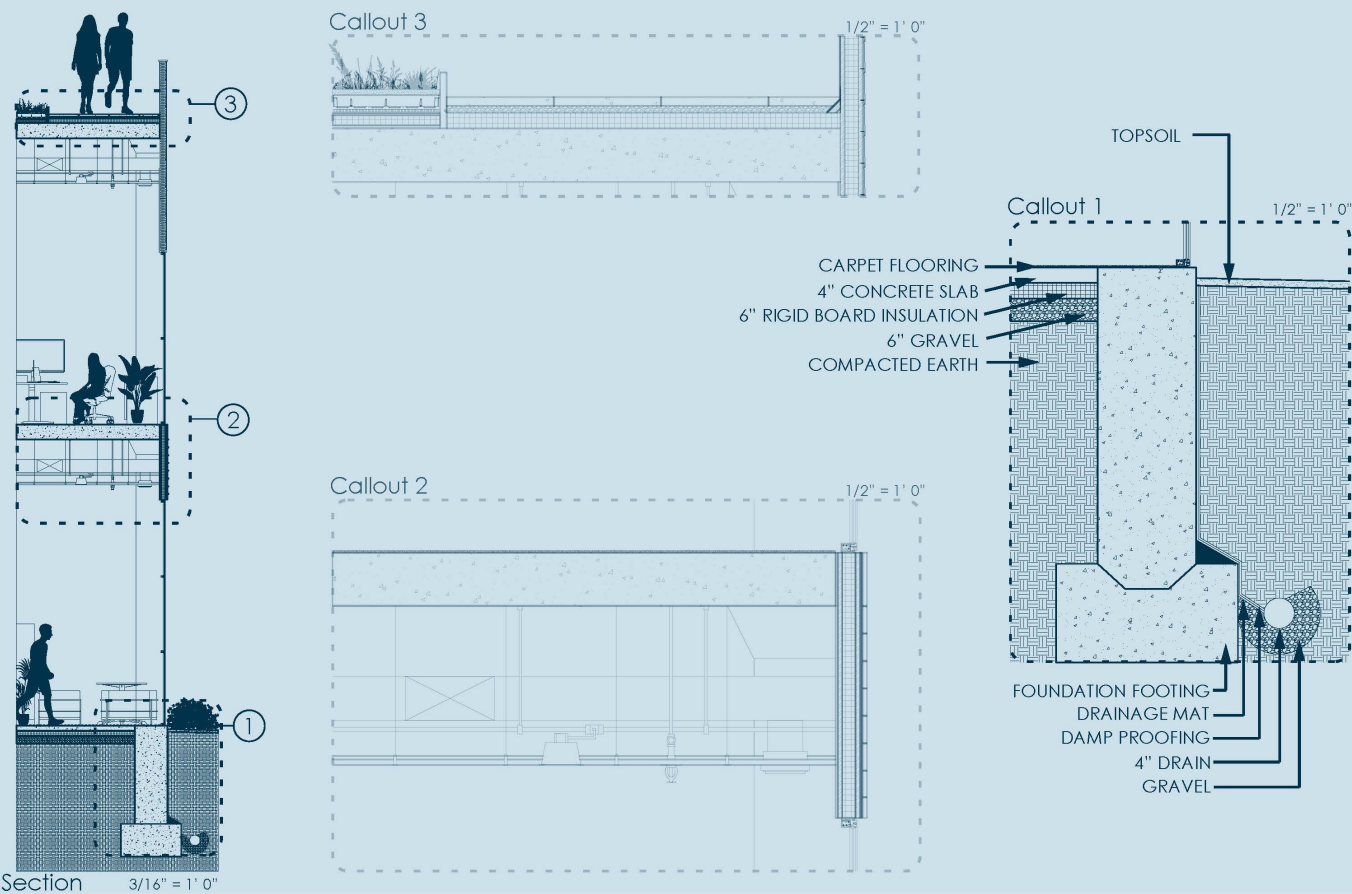
THIRD FLOOR PLAN



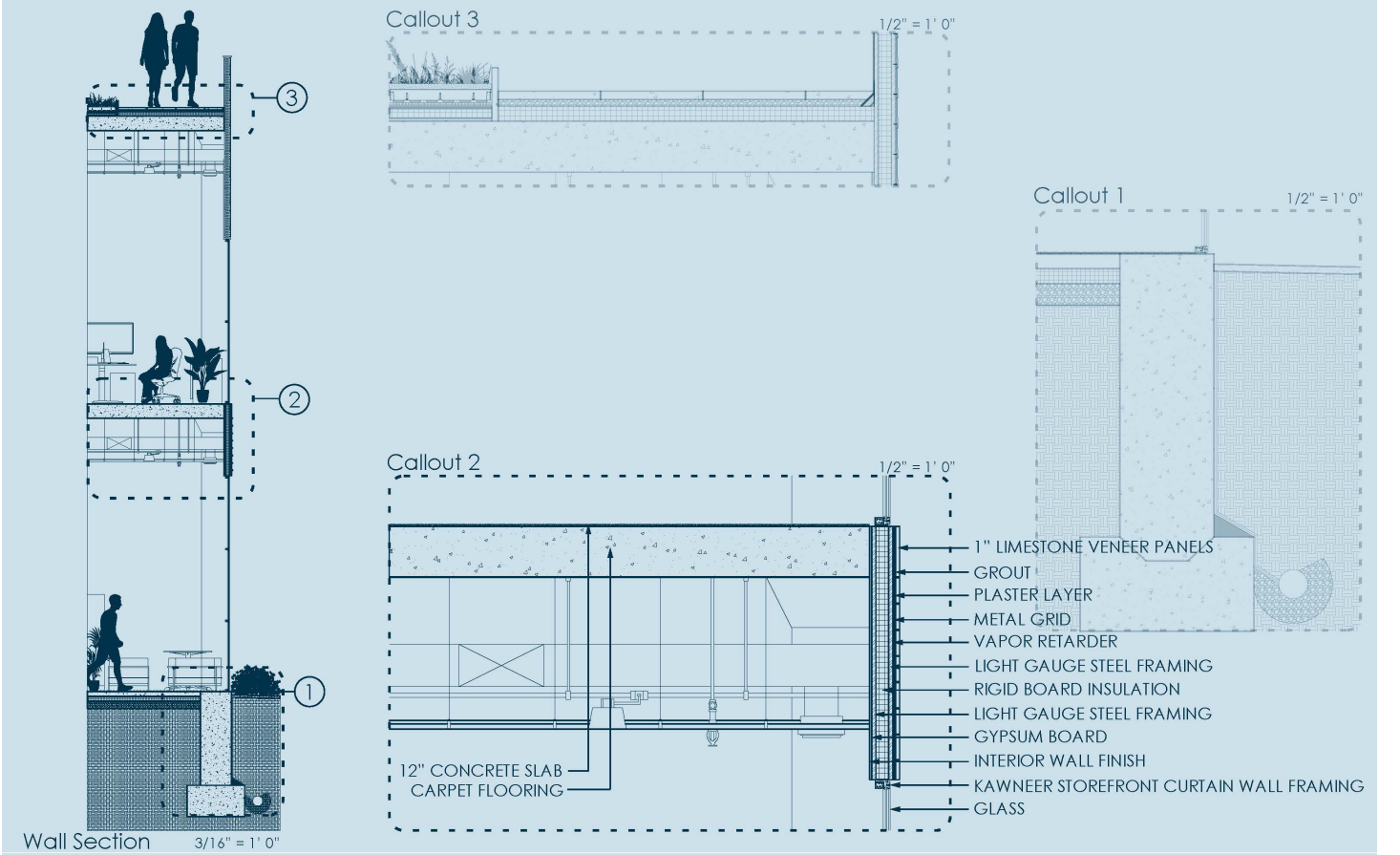


STREET VIEW

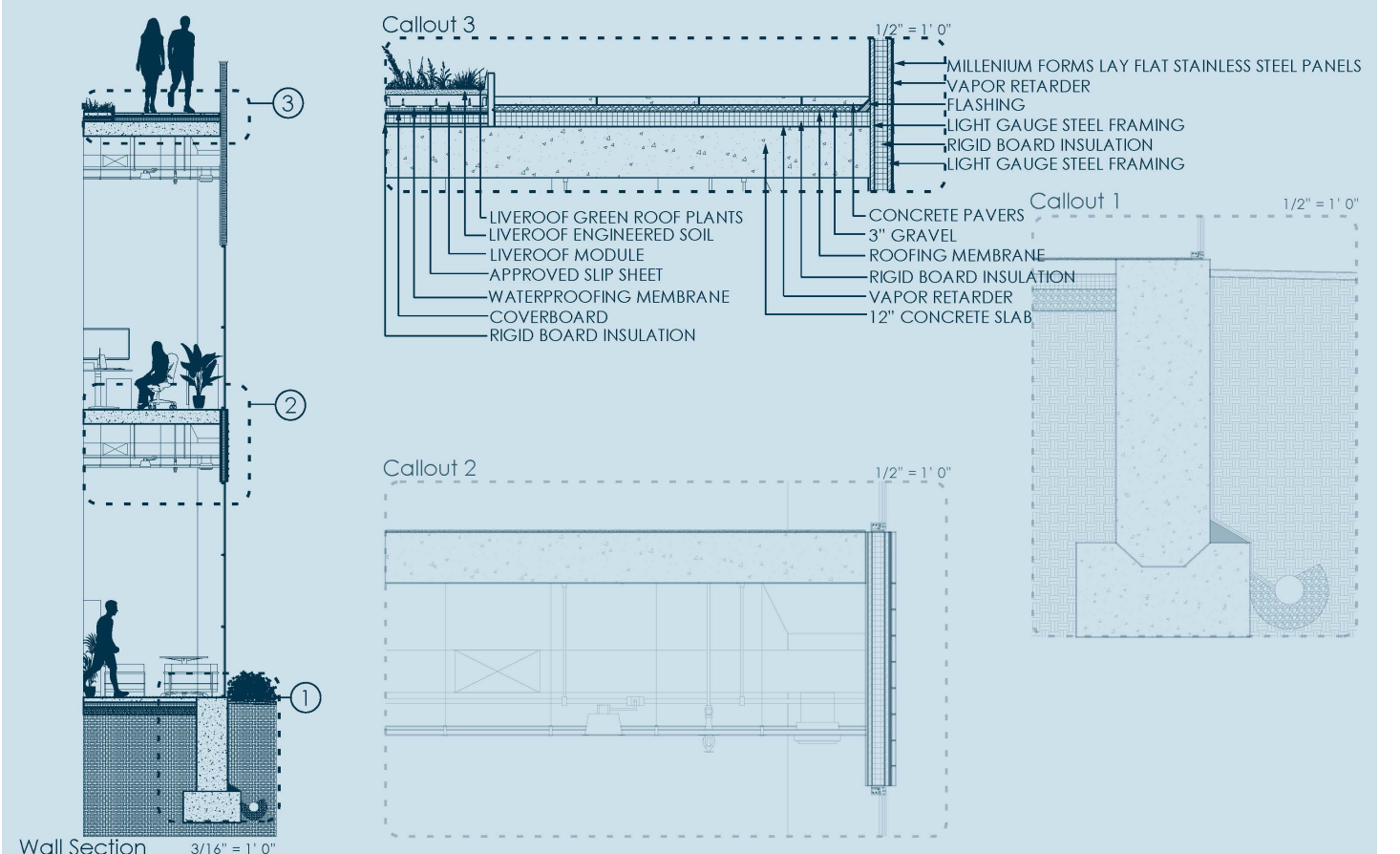
The design aims to bridge the gap between the cityscape and the Flint Hills. The building's form adds the terracing aspect seen in the Flint Hills while incorporating a natural landscape to immerse its users in nature as the goal of the space is to teach people how to take care of our environment by mitigating water pollution. The center does this by holding classes that teach the community about water pollution and how it is affecting their area. Additionally the center takes in old wood palettes and reuses them to make rain garden planters.



Wall Section 3/16" = 1' 0"



Wall Section 3/16" = 1' 0"



Wall Section 3/16" = 1' 0"



Sue Mango Garden

Garden and Patio
Lied Center of Kansas in Lawrence KS

Professor Chad Kraus
Spring 2025
Dirt Works Studio DesignBuild Project
Studio Role: Technical Design Manager
Modeling Software: Revit
Rendering Software: Lumion

The Sue Mango Garden is a DesignBuild project that commemorates Sue Mango, the former Director of Development at the Lied Center of Kansas. The project's scope included designing and building 5 planters, a rammed earth wall, a sunshade, a gabion wall, landscaping, and planting over 600 native Kansas plants to create a sustainable, regionally inspired landscape to memorialize Sue Mango.

STUDIO TEAM

Kimia Aflatoonian
 Maria Jose Avila
 Sabrina Chappell
 Mau Gris Perez
 Haiqa Hamid
 Austyn Hill
 Matthew Louis
 Rachel Odabasi
 Gwen Pennell
 Seth Pomerantz
 Jackson Reusser
 Miles Schulte
 Kaci Shaw
 Aiden Sullivan
 Madison Von Minden
 Professor Chad Kraus

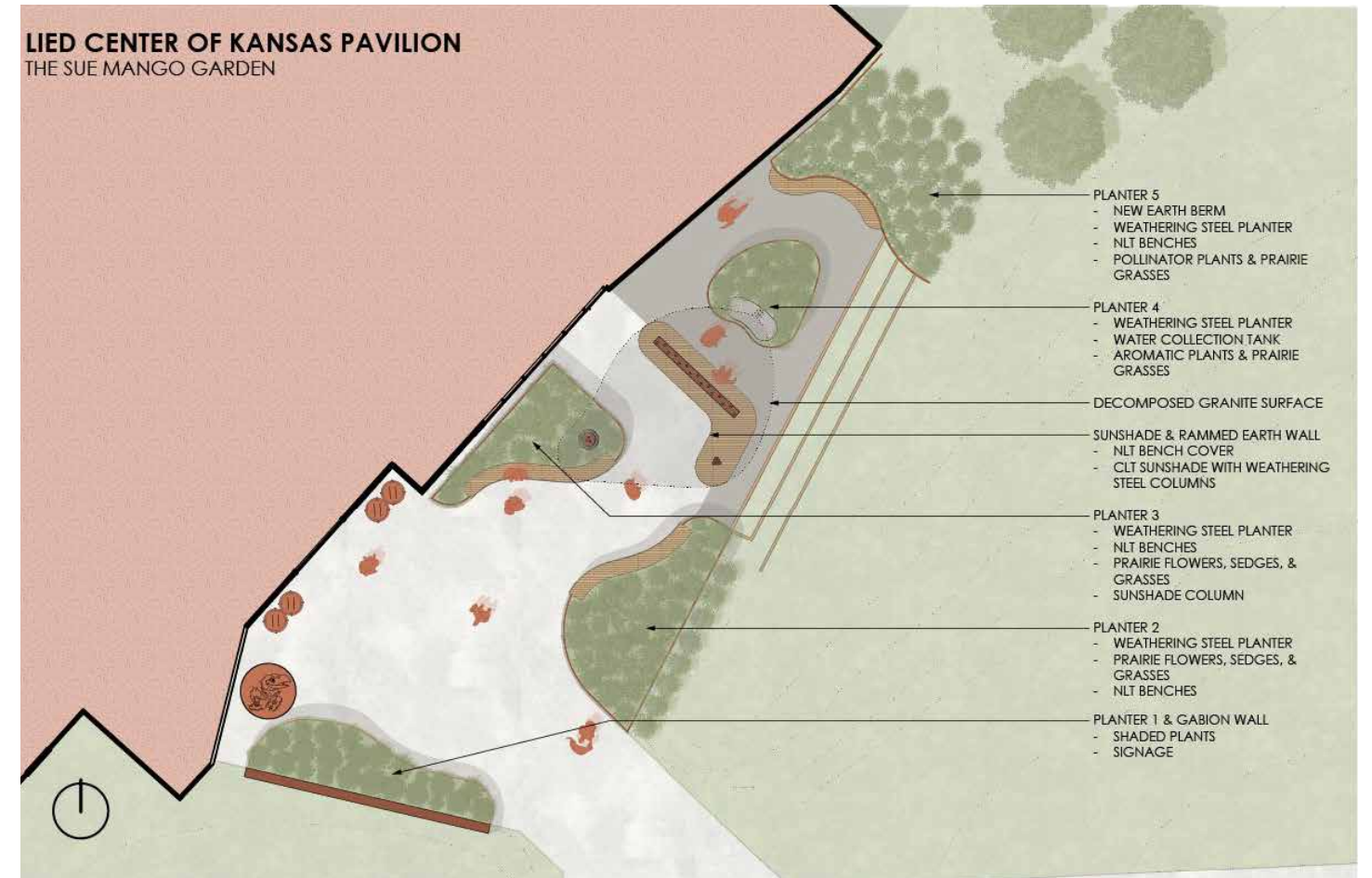
PROCESS

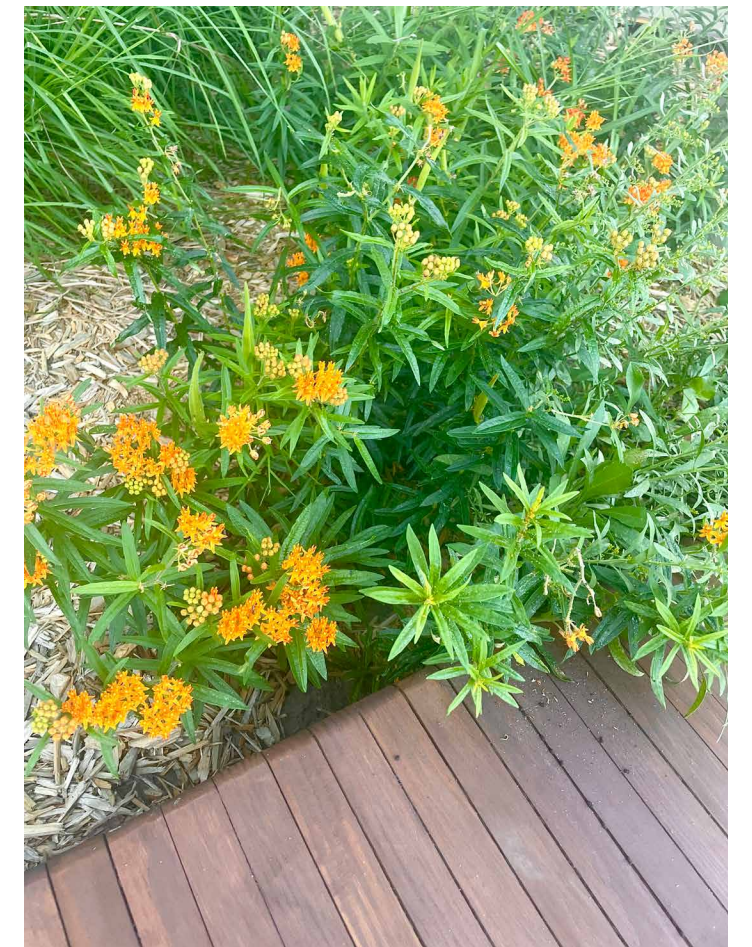
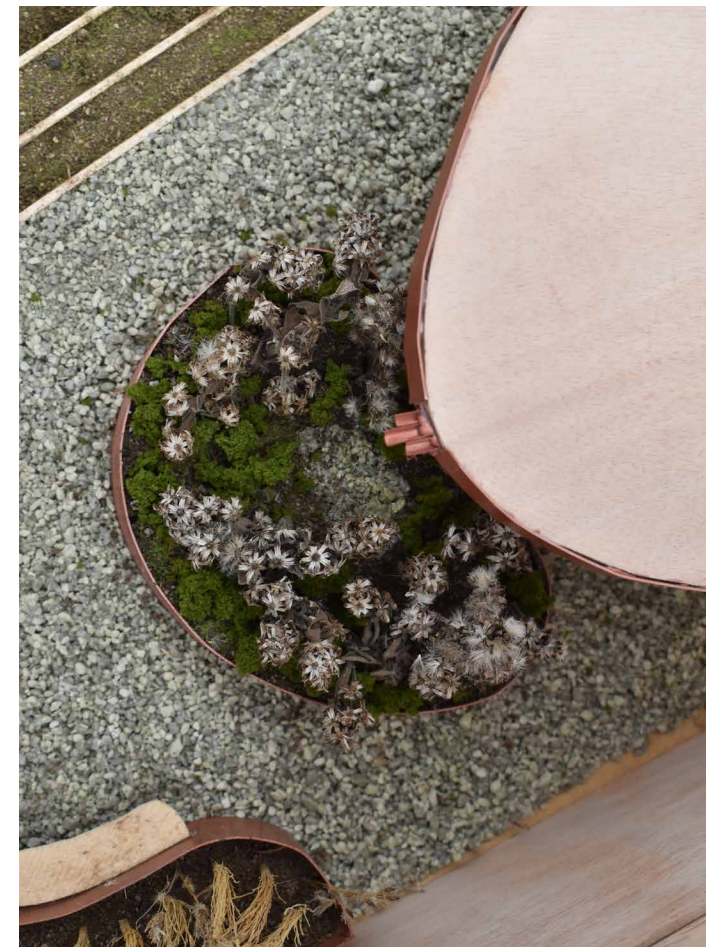
The studio's design process started out with several charrettes to get a base of ideas. The charrettes included many sketches, hand-built models, sections, elevations, plans, and even 3-D models. Our final design came from the idea of creating a garden made of organic shapes. We then tested our idea further with extrusion and materials to create the final design. Our materials included a palette of weathering steel, southern pine NLT, black painted steel, rammed earth, rocks, and many lush green native Kansas plants.



AERIAL VIEW

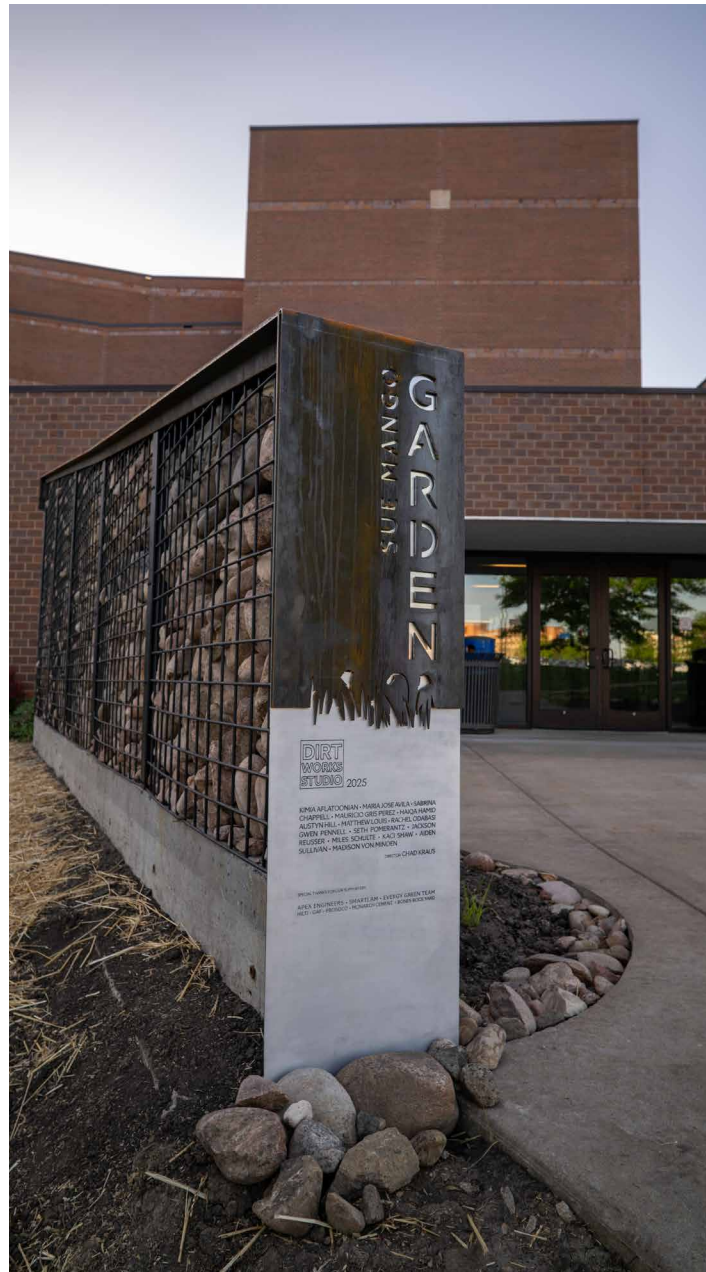
RENDERED BY MJ AVILA





VIEW FROM THE SIDEWALK

RENDERED BY SETH POMERANTZ



CIRCULATION DIAGRAM

DRAWN BY MJ AVILA





VIEW LOOKING OUT FROM THE PAVILION RENDERED BY AIDEN SULLIVAN

MY ROLE IN THE STUDIO

My studio role was technical design manager, as a part of this role I managed the CD set which was important to our designs creation and execution. Managing the CD set included drafting, redlining, fixing redlines, and managing other studio members work on the CD set. This experiences helped me learn about construction documents and permits.

My role in managing the CD set also let to taking the lead on the vegetation schedule for our project. Our design included planting over 600 plants of 18 different species, all Kansas native, perenials, and non-cultivars. These plants included tall prairie grasses, prairie flowers, pollinator friendly plants and sedges. I designed a layout for the plants based on the qualities of each plant and the preferences of the client. This involved creating many iterations of the planting due to changes in supply and new information learned throughout the process. This role

continued into the planning and execution of our planting day where our studio team along with volunteers planted our garden.

Throughout the build process I had many new experiences with shop tools, welding, and learning construction processes, such as concrete pouring and the creation of rammed earth. The experience took a lot of hard work and long hours, but the final product made it worth it.

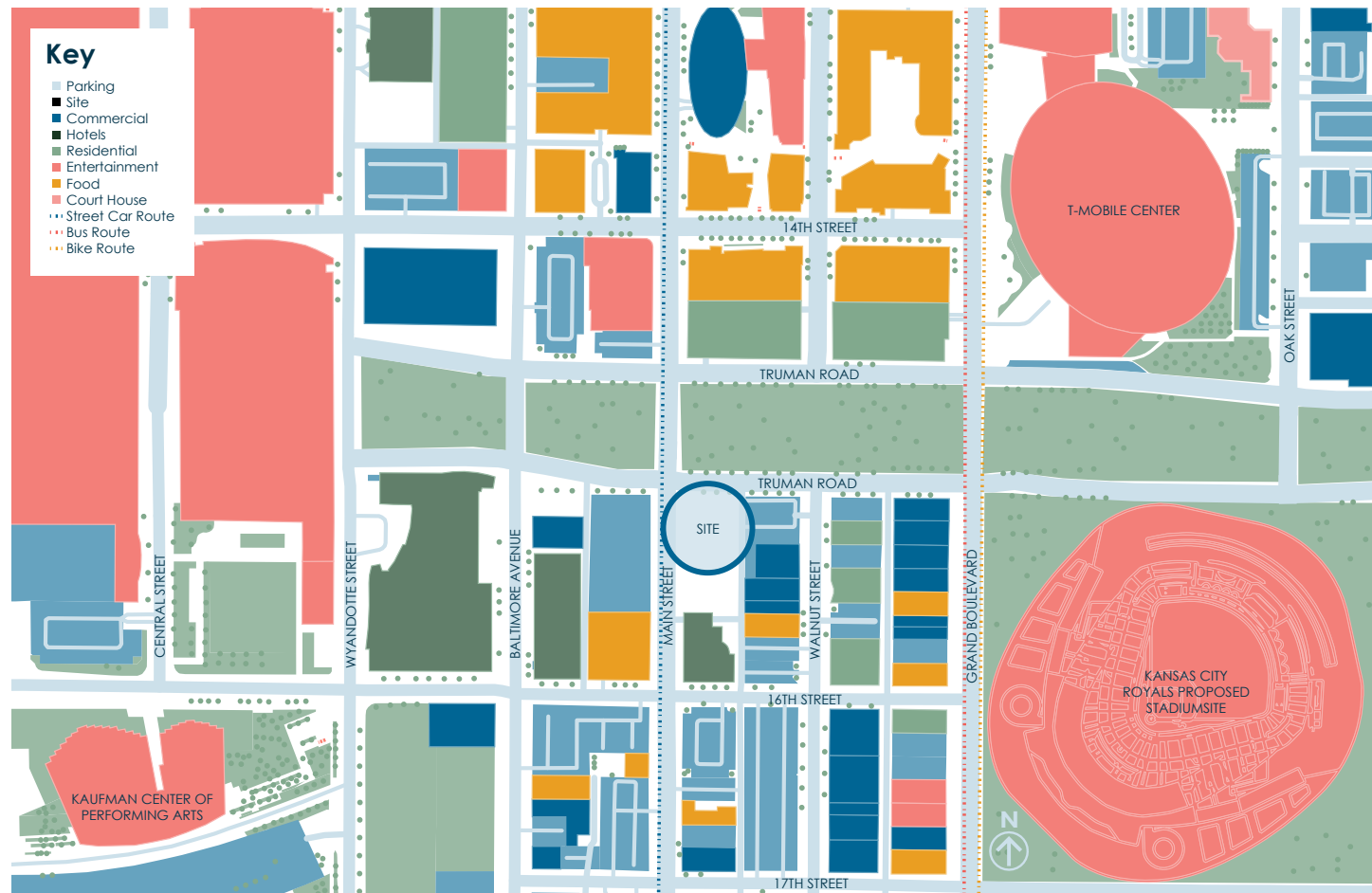


fresca Food Hall

Food Hall
Downtown Kansas City, MO

Professor Jae Chang
Spring 2024
Individual Project
Modeling Software: SketchUp
Rendering Software: Enscape

This project focused on creating a multi story food hall that could hold many different vendors or restaurants. The design aims to create a relaxing environment for people to sit down, have a meal, and chat with friends or even have a work meeting.



CONCEPT STATEMENT:

Design a multi story food hall for downtown Kansas City. The idea is to create a space that would integrate with the new south loop park and draw people in. The design wanted to do this with inviting circulation, green spaces, well-lit spaces, and a relaxing environment. This food hall is meant to not only be a place to grab a bite to eat but to be a destination space for anyone.

INTEGRATING GREEN SPACES:

Create a natural space that promotes health and wellness



INVITING CIRCULATION:

Use circulation to create an inviting space visible from the inside & outside.



RELAXING ENVIRONMENT:

Create an environment where anyone can relax, have a meal and feel safe and comfortable.



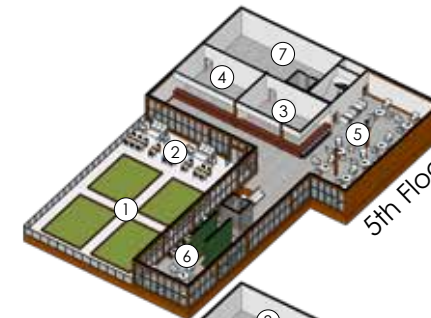
WELL-LIT SPACES:

Create spaces that provide ample lighting to promote wellness and create comfortable spaces.



5th Floor Plan

- ① Roof Garden
- ② Outdoor Seating
- ③ Bar
- ④ Sushi Restaurant
- ⑤ Main Seating Area
- ⑥ Window Seating
- ⑦ Back of House Service and Storage



3rd Floor Plan

- ① Outdoor North Terrace Seating
- ② Outdoor West Terrace Seating
- ③ Brunch Restaurant
- ④ Chinese Restaurant
- ⑤ Pizza Restaurant
- ⑥ Main Seating Area
- ⑦ Restrooms
- ⑧ Back of House Service and Storage



1st Floor Plan

- ① Main Entrance
- ② Outdoor Seating and Southwest Entrance
- ③ Coffee Shop and Bakery
- ④ American Food Restaurant
- ⑤ Chicken Restaurant
- ⑥ Main Seating Area
- ⑦ Restrooms
- ⑧ Back of House Service and Storage



4th Floor Plan

- ① Outdoor North Terrace Seating
- ② Outdoor West Terrace Seating
- ③ Vegan Restaurant
- ④ Seafood Restaurant
- ⑤ Mediterranean Restaurant
- ⑥ Main Seating Area
- ⑦ Restrooms
- ⑧ Back of House Service and Storage



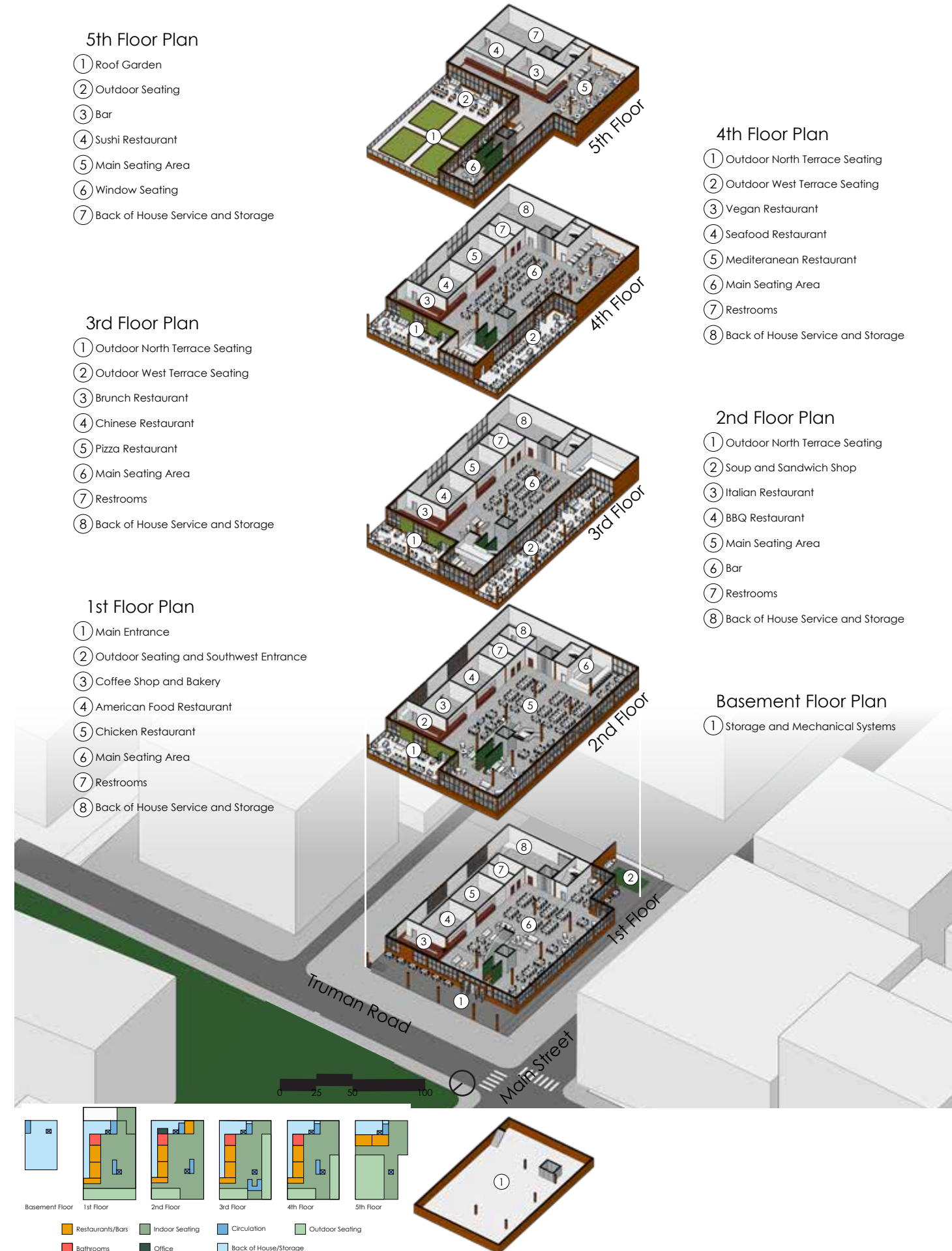
2nd Floor Plan

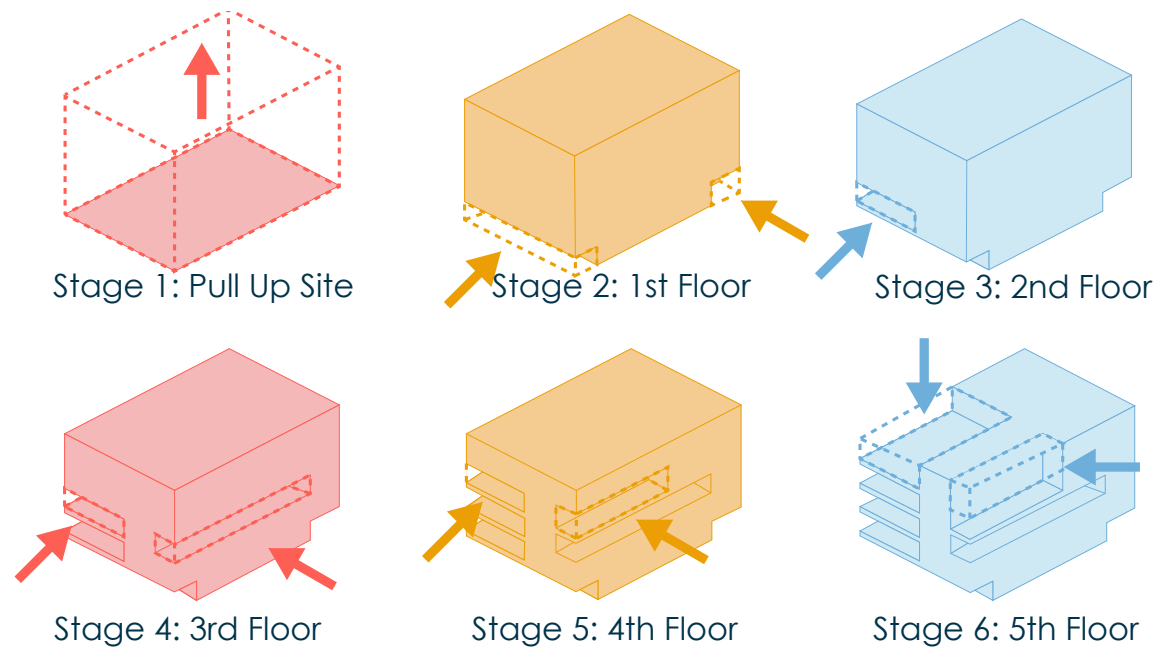
- ① Outdoor North Terrace Seating
- ② Soup and Sandwich Shop
- ③ Italian Restaurant
- ④ BBQ Restaurant
- ⑤ Main Seating Area
- ⑥ Bar
- ⑦ Restrooms
- ⑧ Back of House Service and Storage



Basement Floor Plan

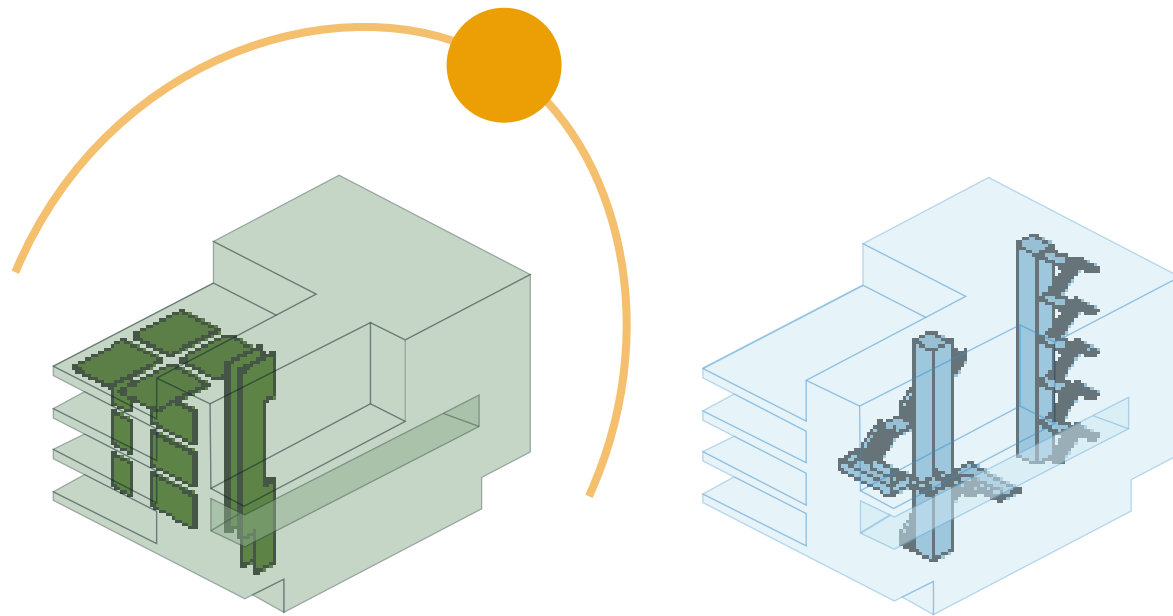
- ① Storage and Mechanical Systems





CREATION DIAGRAM

The design was created by pushing in many faces to create terraces and interesting forms. This diagram shows how each floor was pushed in to create the final design.



GREEN SPACE DIAGRAM

The design includes green spaces such as a rooftop garden, moss green walls on the north facade, and a large green wall going up through the main staircase.

CIRCULATION DIAGRAM

The circulation of the building is sectioned into two spaces. The front circulation is for customers. The back is for employees and emergency use.

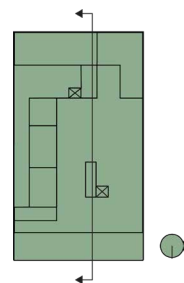




Main Entrance



Street View



The program of the food hall included creating a multi-story building with multiple restaurants and shopping areas. The project ended up as 5 stories and over 75,000 SF of indoor and outdoor pramming including 15 restaurants, indoor and outdoor seating, and back of house necessities for staff.

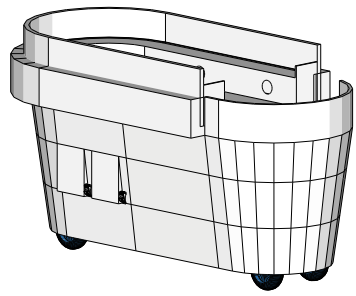


The Pop Up Coffee Stop

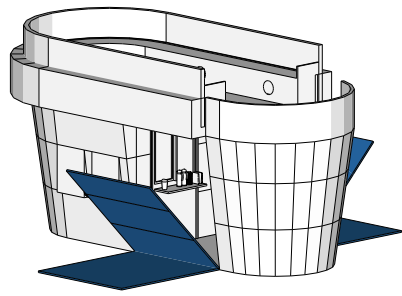
"Your pop-up pick me up!"
Coffee & Bakery Pop Up Shop
Downtown Kansas City, MO

Professor Jae Chang
Spring 2024
Individual Project
Modeling Software: SketchUp
Rendering Software: Enscape

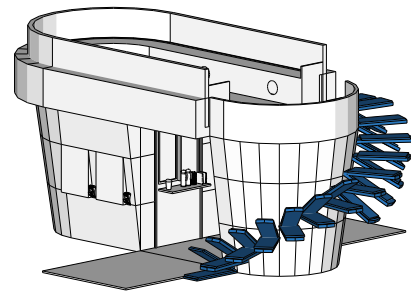
This project focused on creating a mobile pop-up made for the future. The design aims to create a pop up coffee and bakery shop that would be perfect for an on the go stop.



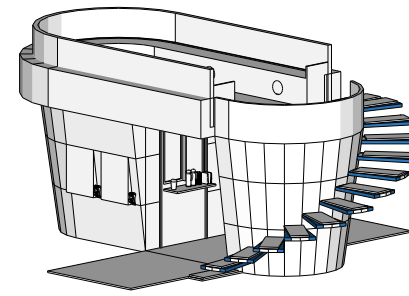
Stage 1: Closed Pop Up
The Closed Pop Up is set down at the location



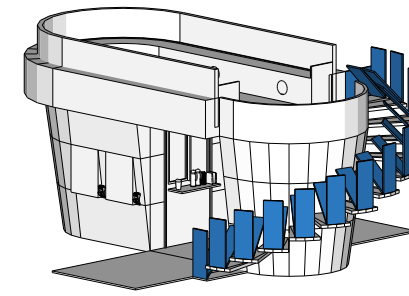
Stage 2: Doors Open
The Main Doors fold down and rest on the ground



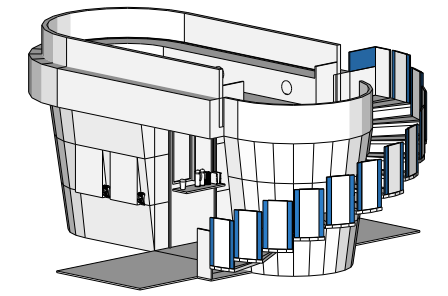
Stage 3: Stairs & Railing Fold Out Together
The Stairs and Railing fold out from the Pop Up into place



Stage 4: Stair Extensions Slide Out
The Stair Extensions slide out to cover the gaps between the stairs



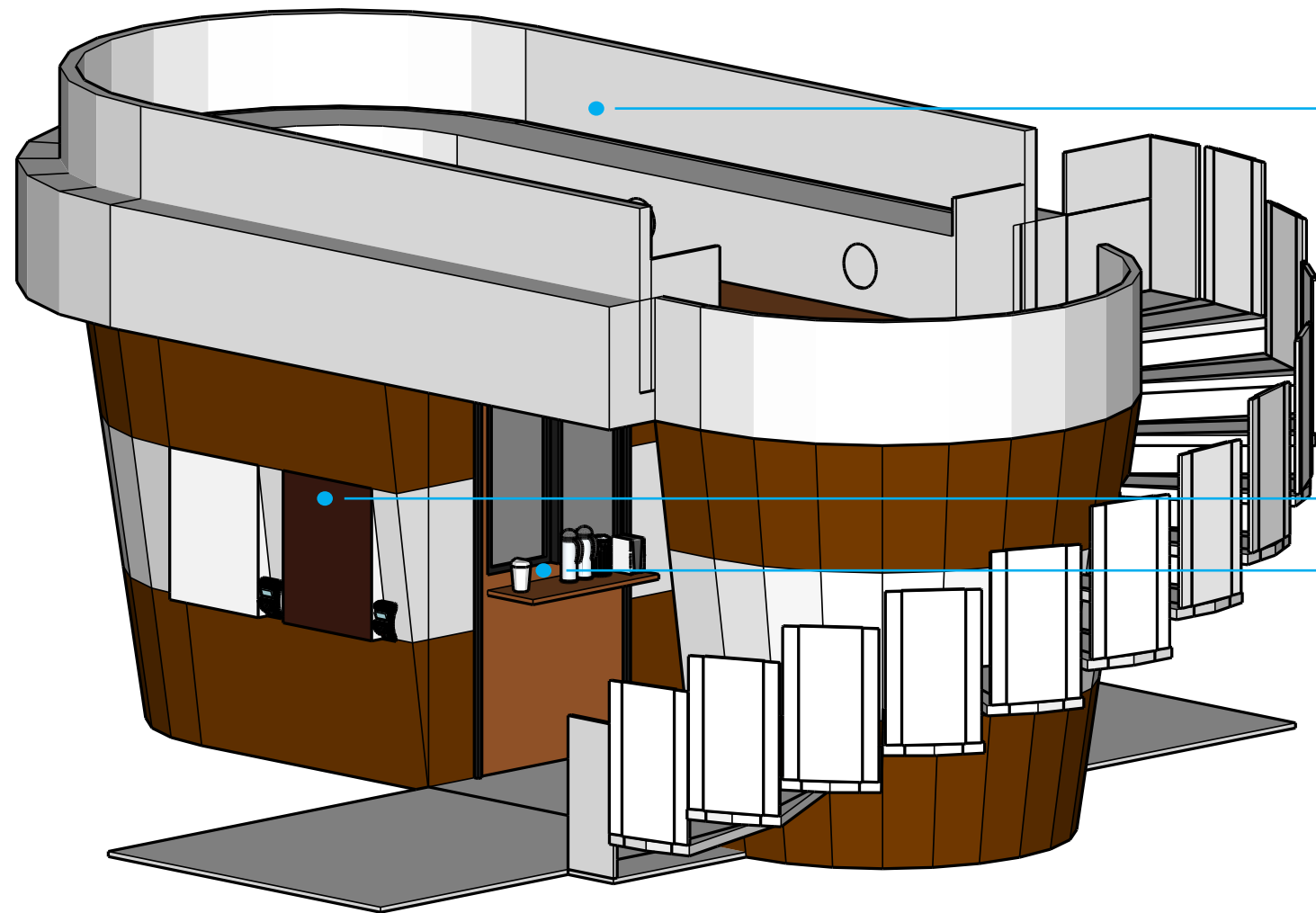
Stage 5: Stair Railing Folds Up
The Stair Railing folds up from the stairs



Stage 6: Railing Extension Slide Out
The Stair Railing Extensions slide out to cover gaps between the railing

Deployment Diagram





Downstairs Seating

Order Pick Up Counter

Barista Space

Pastry Shelf/Display

Upstairs Seating

Menu/Ordering Stations

Barista Entrance

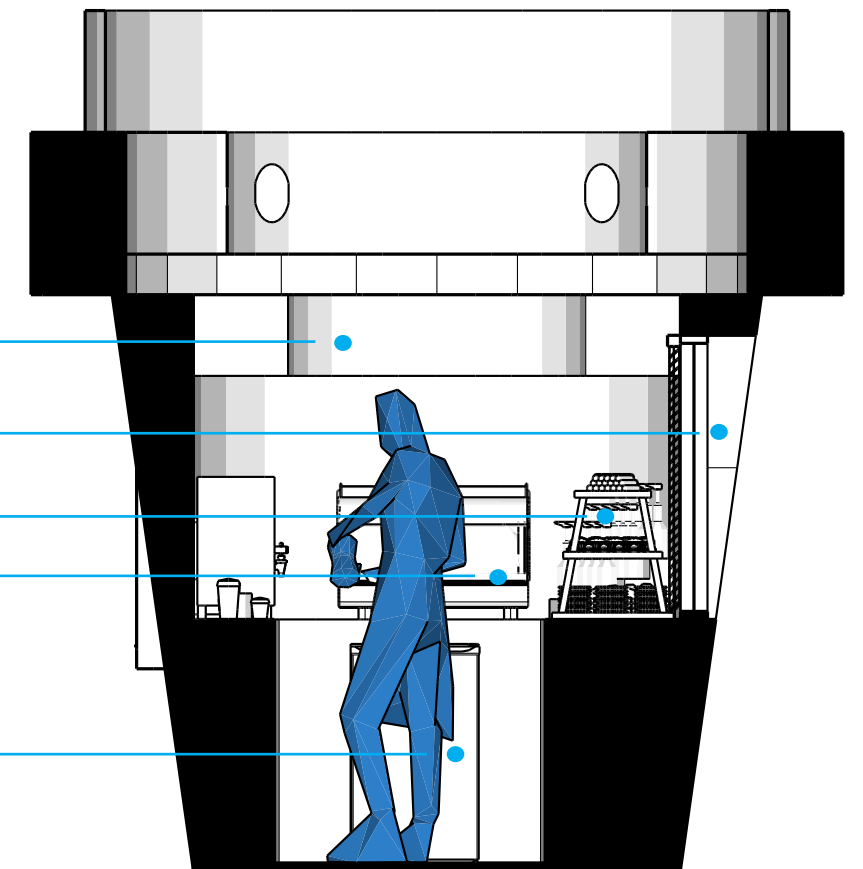
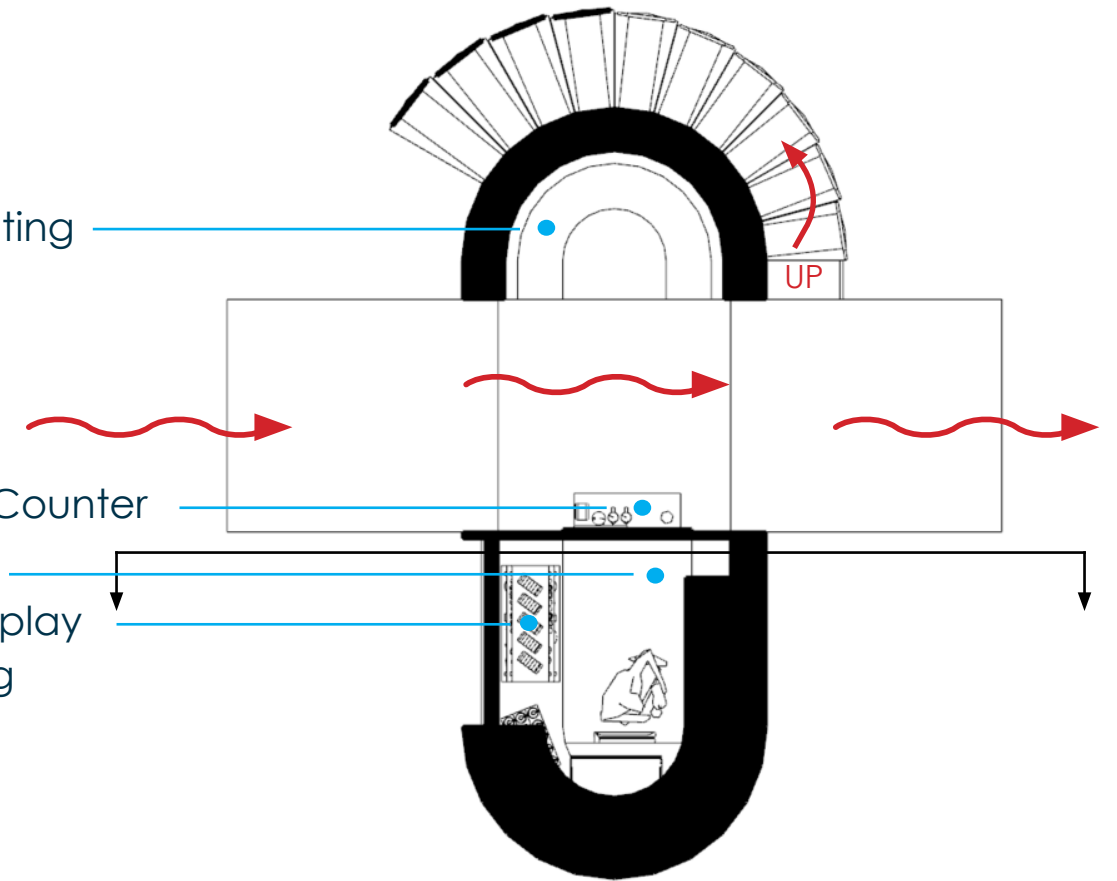
Overhead Storage

Window to Barista Space

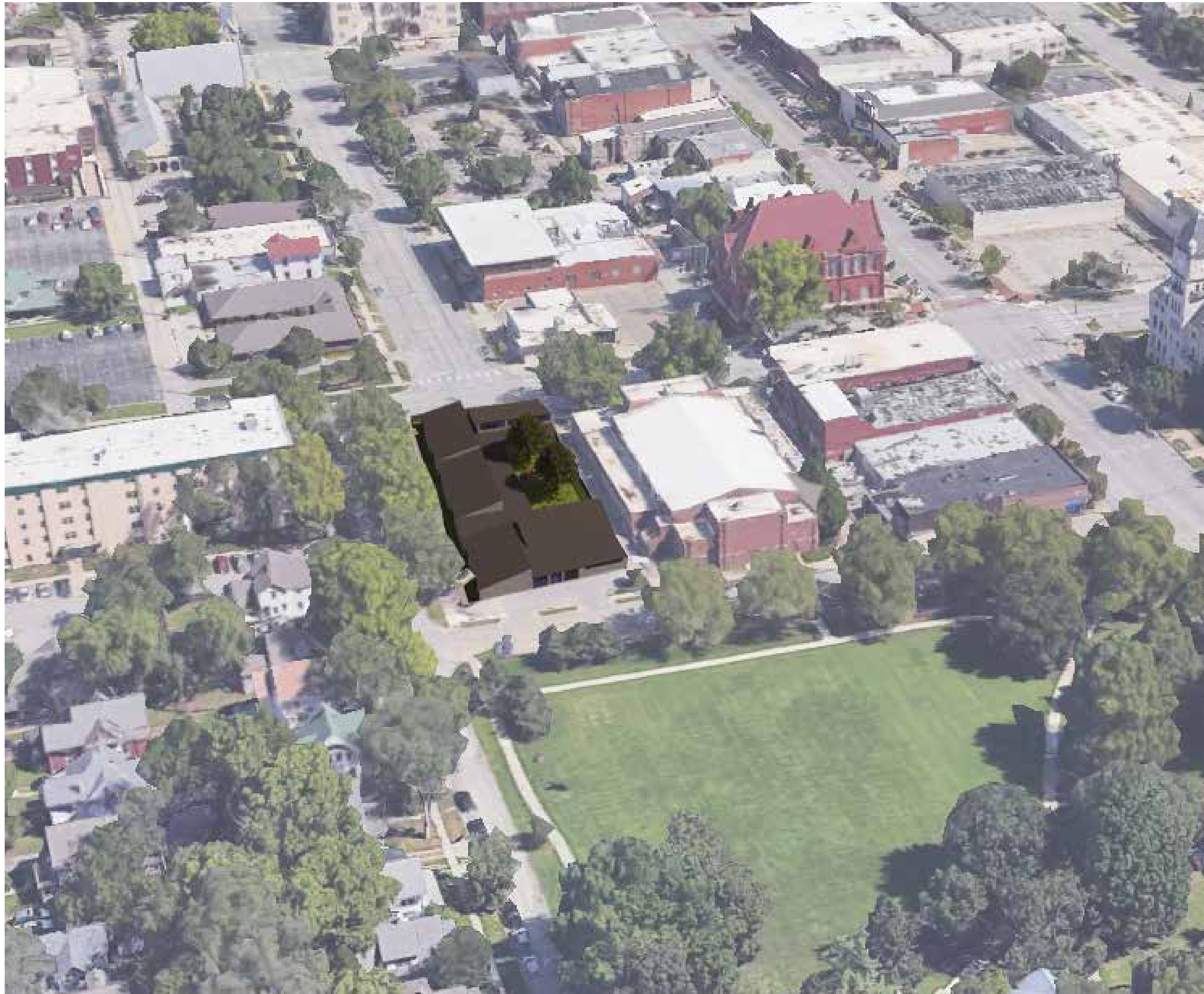
Pastry Shelf/Display

Coffee Machine

Fridge



Pop Up Features

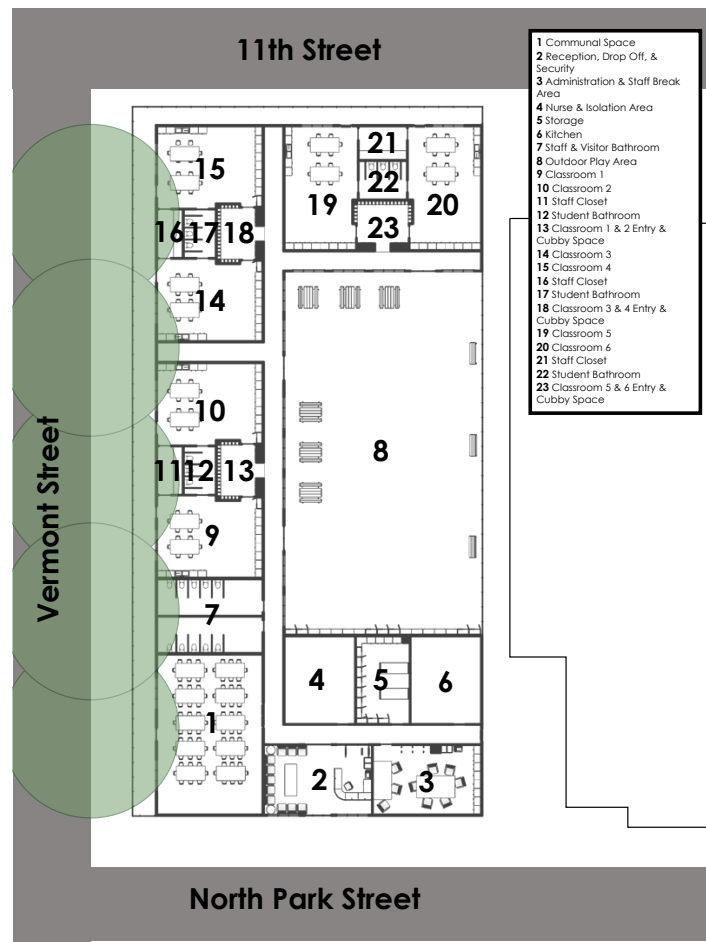


A Place For Caring

Child Development Center located in
Downtown Lawrence, KS on the corner of
North Park St & Vermont St

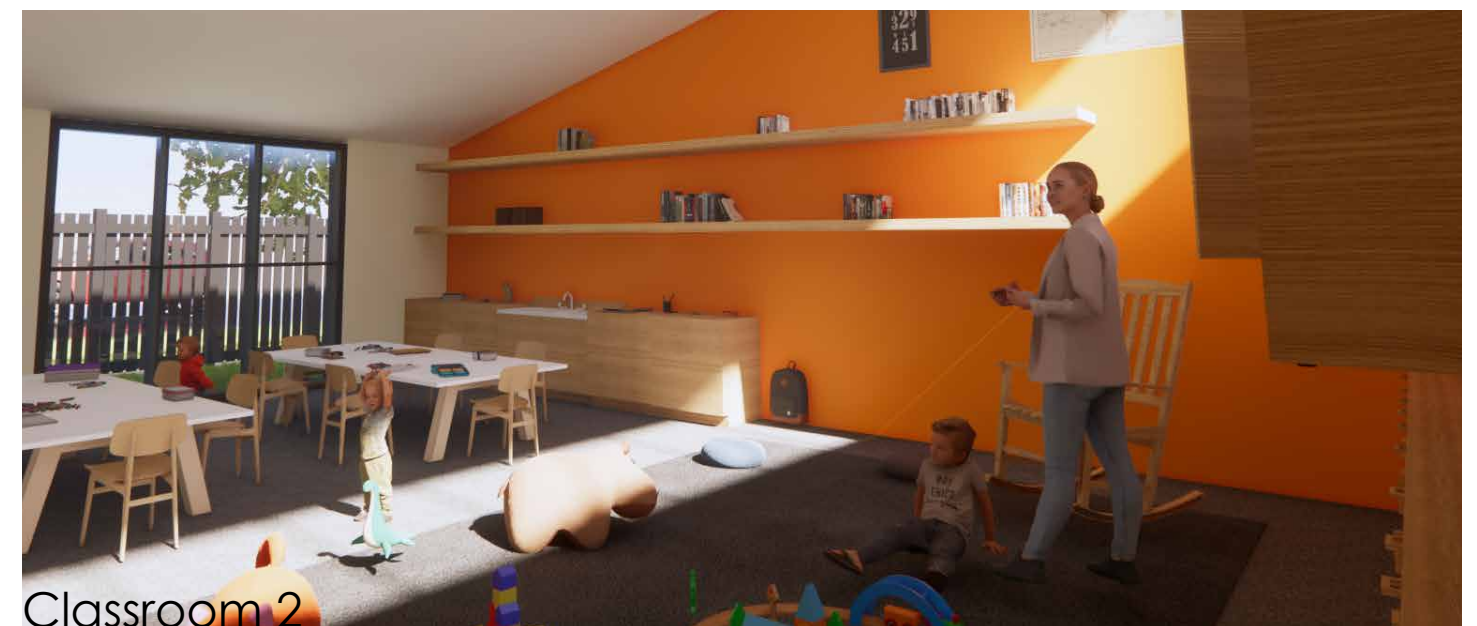
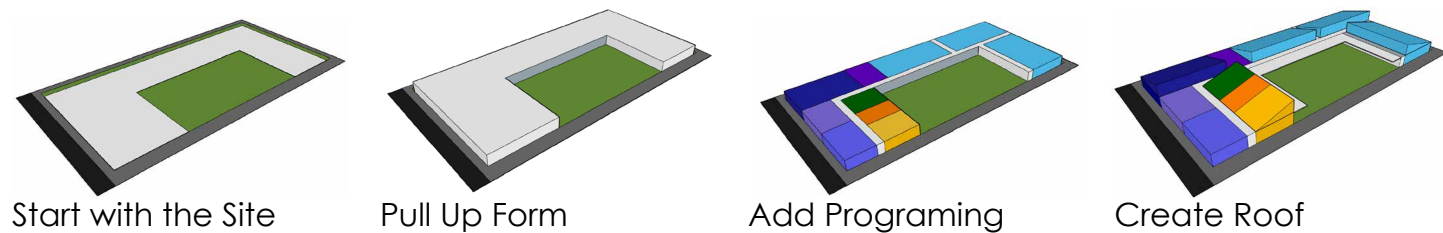
Professor Kent Spreckelmeyer
Fall 2023
Individual Project
Modeling Software: SketchUp
Rendering Software: Enscape

This project focused on creating a childcare center that would be a safe, healthy, and comfortable environment for children to learn. My design aims to do this by incorporating outdoor spaces and natural light into the spaces.

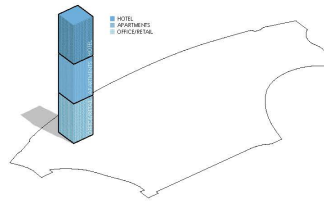


The goal of this project was to create a daycare center for 3 year old to 5 year old children. A main concept of my design was creating a large outdoor central playspace for the children, that was a safe outdoor space. Exercise and getting outside is extremely important in children's development, which is why it is a focus of my center. This inspiration lead to my daycare center becoming a three sided u-shape that is closed by it's context, the Lawrence, Community Center.

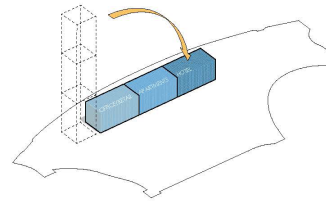
Another element I wanted to employ was sunlight. Which I have done through employing clerestories to let in the sun to each classroom. Letting natural light into classrooms give the children in them more exposure to it and can lead to better health and well-being.



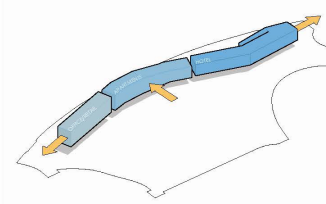
P1: CONCEPT DIAGRAMS



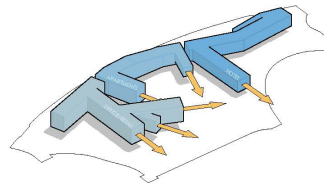
VERTICAL CITY
City starts vertically with three parts: hotel, apartments, and office/retail.



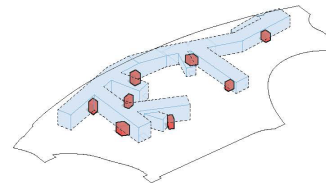
VERTICAL CITY TURNED ON ITS SIDE
City is rotated onto its side and becomes horizontal on the site.



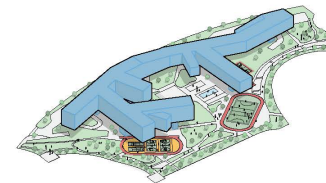
PULL & PUSH
City is pulled out and pushed in to form the unique shape.



EXTRUSIONS
Branches are extruded off of the city connecting the building to the site.



ELEVATION
Vertical circulation is added and building is raised above the ground on stilts.

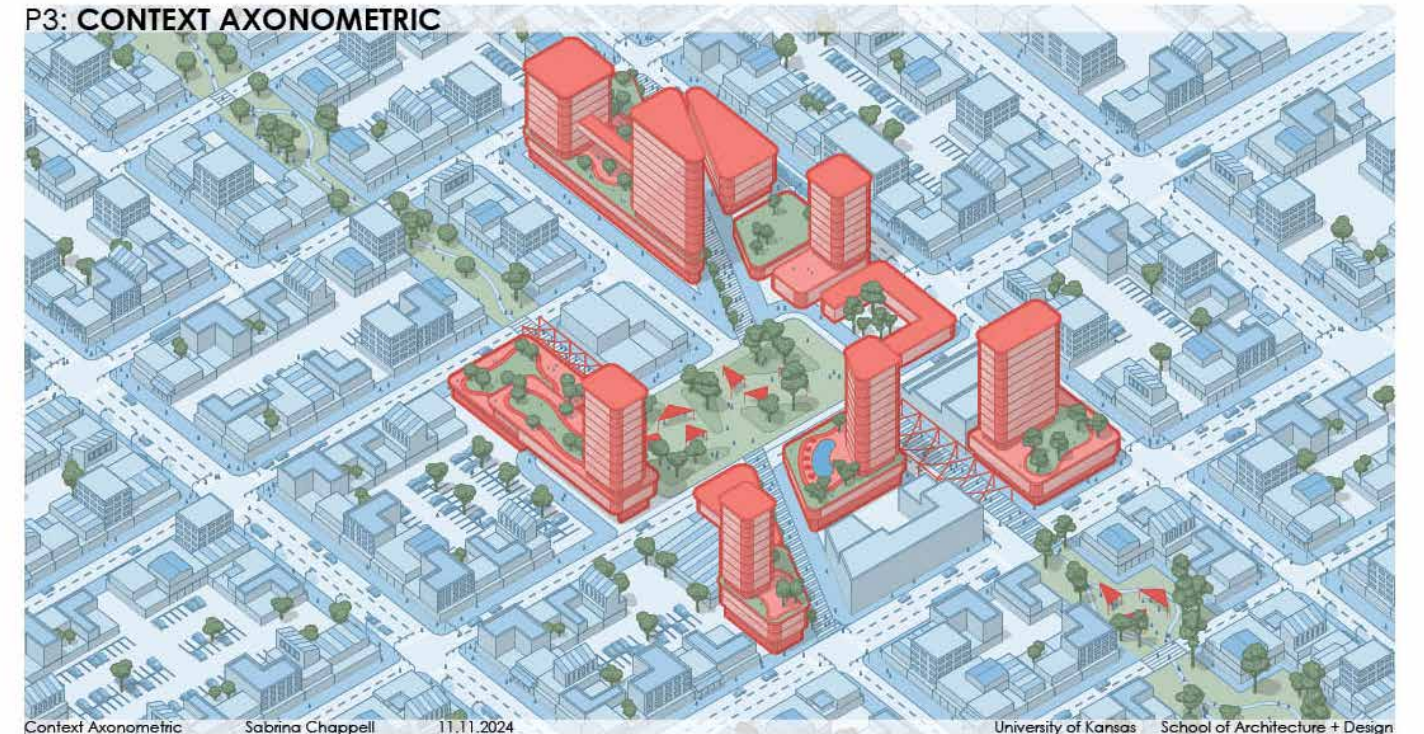


NEW HORIZONTAL CITY
City is finalized with three parts merged into one building. Athletics and walkways are added to the site.

Concept Diagrams Sabrina Chappell 9.23.2024

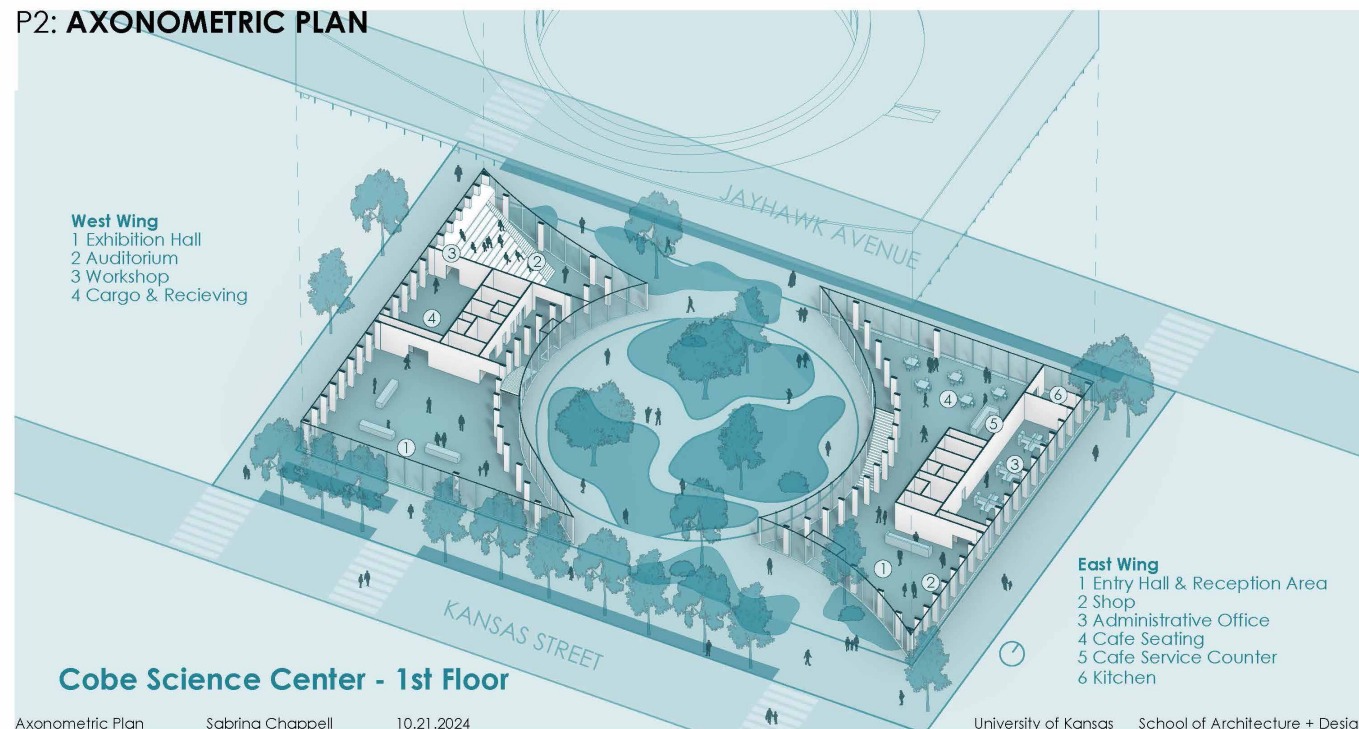
University of Kansas School of Architecture + Design

P3: CONTEXT AXONOMETRIC



Context Axonometric Sabrina Chappell 11.11.2024 University of Kansas School of Architecture + Design

P2: AXONOMETRIC PLAN



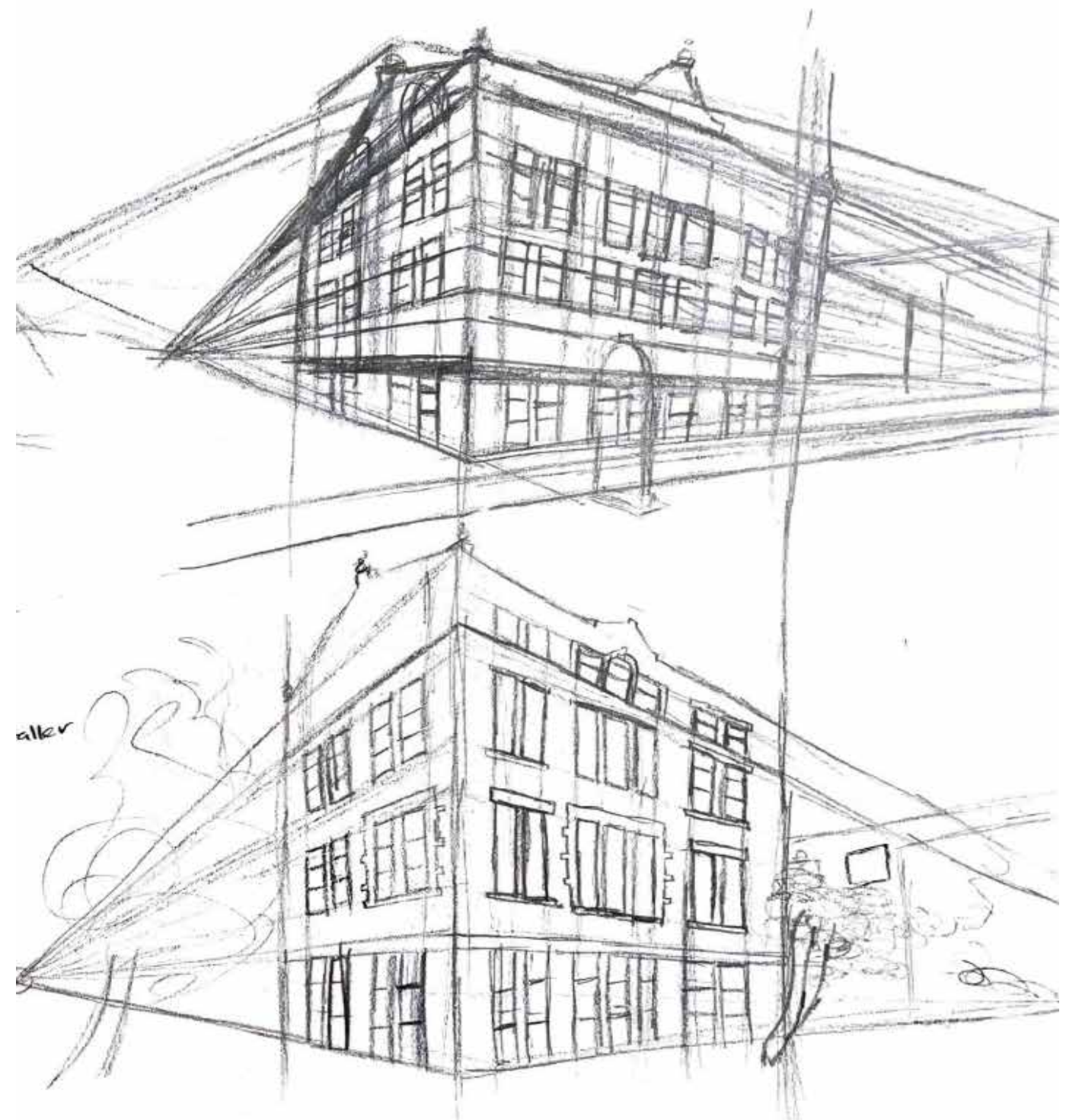
Axonometric Plan Sabrina Chappell 10.21.2024

University of Kansas School of Architecture + Design

P4: PERSPECTIVE SECTION



Perspective Section Sabrina Chappell 12.2.2024 University of Kansas School of Architecture + Design



Perspective Drawings of Marvin Hall at the University of Kansas
Professor Anne Patterson
Fall 2022

Marvin Hall Perspective Hand Drawings



Jackie, 2020
Watercolor and Ink



Fishy, 2020
Acrylic Paint

Thank you!