

ARCHITECTURE PORTFOLIO



RYAN HAIGHT



☎ (913) 594-1202
✉ rphaight48@gmail.com
in [linkedin.com/in/ryan-haight-74124822b](https://www.linkedin.com/in/ryan-haight-74124822b)

TECHNICAL SKILLS

- SketchUp
- Autodesk Revit
- Lumion
- Adobe Cloud
- Power BI
- Enscape
- Rhino
- Bluebeam Revu
- Microsoft Office

SOFT SKILLS

- Creativity
- Problem-solving
- Communication
- Motivated
- Attention to Detail
- Leadership
- Teamwork
- Adaptability



RYAN HAIGHT

EDUCATION

Master of Architecture, Expected May 2025

The University of Kansas, Lawrence, KS

- GPA 3.97 / Honor Roll, Fall 2020 - Spring 2024

WORK EXPERIENCE

Architectural Intern, May 2024 - December 2024

Populous, Kansas City, MO

- Collaborated on various stages of the schematic design process for sports facilities
- Gathered and analyzed data from existing training facilities to develop a comprehensive benchmarking dashboard in Power BI, aiding data-driven decision-making.
- Facilitated client user group meetings alongside the project team
- Designed plan layouts and developed programs for new projects and renovations
- Participated in workplace community initiatives

Architectural Intern, Summer 2022, Winter 2022, Summer 2023

HTK Architects, Topeka, KS

- Worked on multiple different projects including K-12, Civic, Judicial, and Corporate building types.
- Collaborated with multiple architects about structural concerns and aesthetics
- Modeled existing buildings in Revit from current 2d drawings
- Worked to produce accurate construction documents in Revit
- Involved in the workplace events

REFERENCES

Surge Troost, Senior Associate

Populous

surgene.troost@populous.com

Elizabeth Johnson, Principal

HTK Architects

(785) 266-5373 ext. 220 | ekj@htkarchitects.com

Gustavo Amaral, Professor

University of Kansas, School of Architecture & Design

gustavo.amaral@ku.edu

CONTENTS

01 THE CASCADES

MIXED-USE AND RESIDENTIAL APARTMENTS

02 TURIN SCHOOL OF INNOVATION

SCHOOL FOR THE FUTURE

03 PINNACLE PERFORMING ARTS

EXPERIMENTAL PERFORMING ARTS CENTER

04 STUDY ABROAD

ARCHITECTURE IN EUROPE

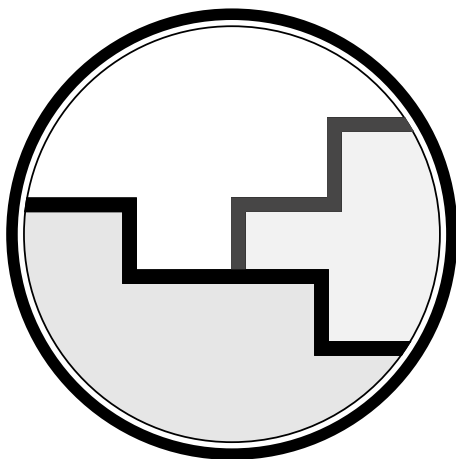
05 EXPLORATIONS

SKETCHING AND PHOTOGRAPHY

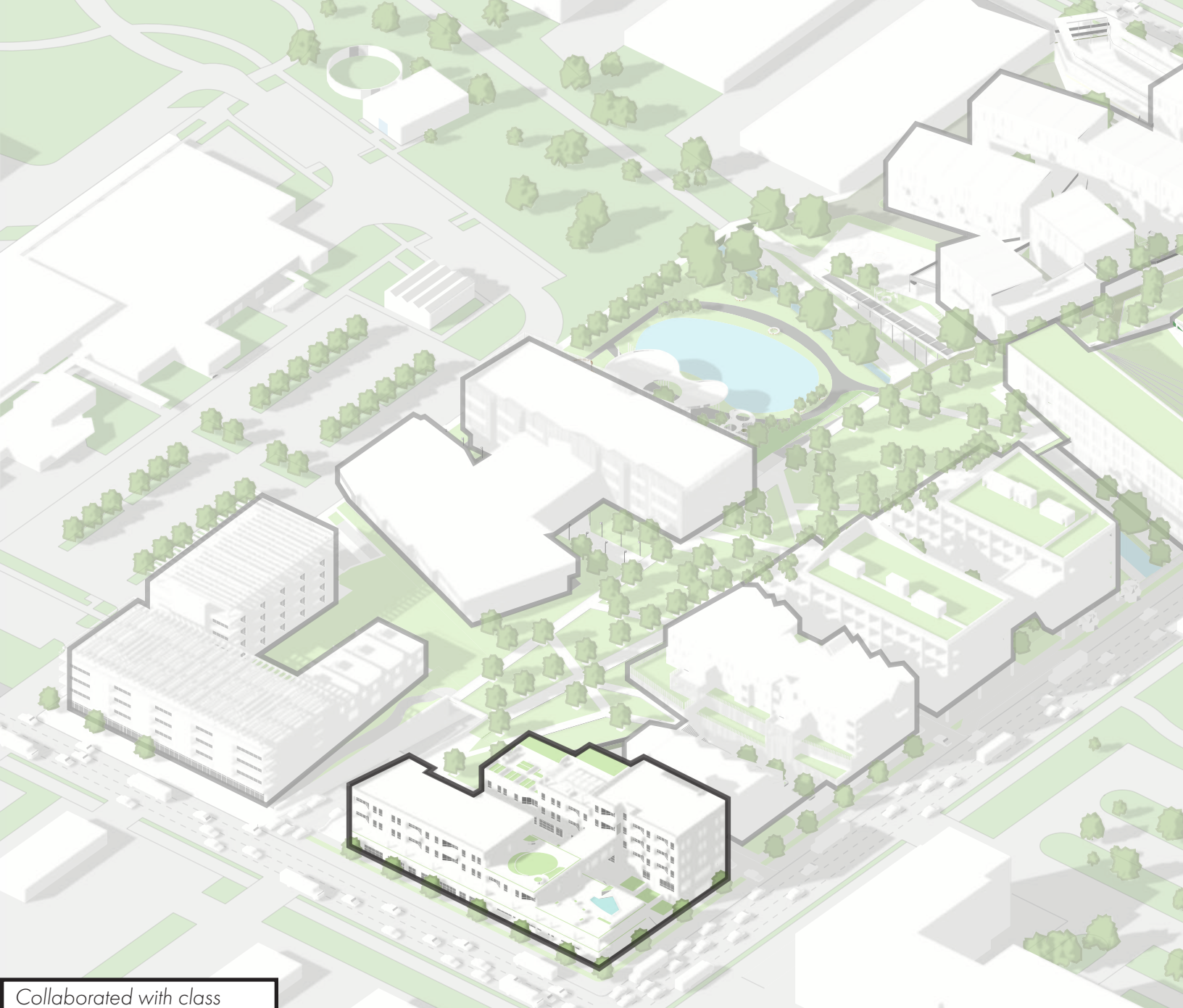
01 THE CASCADES

YEAR: *Fall 2023*
COURSE: *Arch 608*
SOFTWARE: *SketchUp, Lumion*
PROFESSOR: *Eddy Tavio*

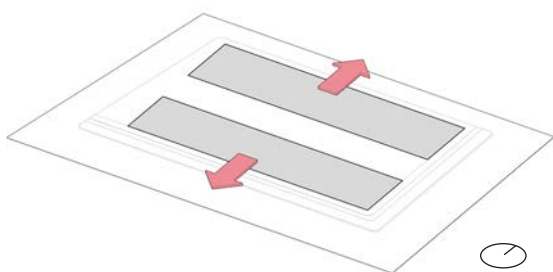
The Cascades is a visionary mixed-use apartment building situated just outside of downtown Bentonville, Arkansas. Rising five stories, this architectural structure addresses the pressing need for diverse housing options in the growing urban landscape of Bentonville, aiming to bridge the gap in the “missing middle” housing segment. Providing a mix of one, two, and three-bedroom residences, the development also seamlessly incorporates a market, a restaurant with a mini-golf bar, and numerous retail spaces, which work to form a lively community hub within Site 1. The contemporary outer facade showcases a harmonious blend of white metal paneling, grey corrugated metal, and powder-coated aluminum with a wood-like finish. Prioritizing sustainability, the building’s interior is constructed with mass timber. Residents benefit from an array of amenities, including communal areas and rooftop gardens, enhancing the overall quality of urban living. This innovative project not only provides diverse housing solutions but also positively impacts Bentonville’s evolving urban fabric.





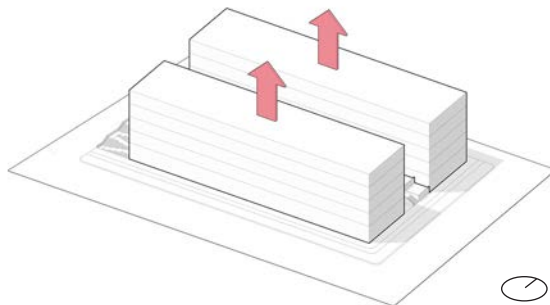


01: Divide



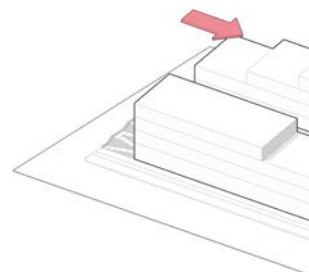
The Building is cut in half which allows for access from both J Street and 8th Street to the elevated green-way above.

02: Extrude



Both buildings are extruded 4 and 5 stories respectively to ensure both views out of the unit and natural daylighting to seep into the space.

03: Cascade



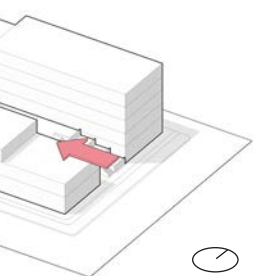
Each building cascades in directions in order to ensure daylighting and potential views.



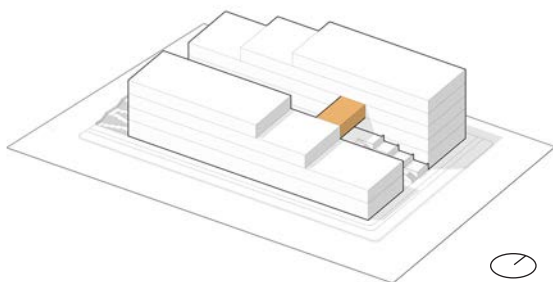
SITE CONTEXT

Surrounding the central green space, seven strategically positioned buildings seamlessly open onto the elevated greenway, blending urban and natural environments. The Cascades building, prominently located in the southeast corner, serves as the dynamic entertainment hub. With its innovative design at the intersection of J and 8th Street, the Cascades energizes the corner, offering a mix of cultural, recreational, and social activities. This landmark seamlessly integrates with the urban landscape, symbolizing the city's commitment to vibrant, inclusive living. By day or night, the Cascades building illuminates the intersection, creating a lively atmosphere and making Bentonville's urban plan a testament to sustainable, engaging urban living.

04: Connect

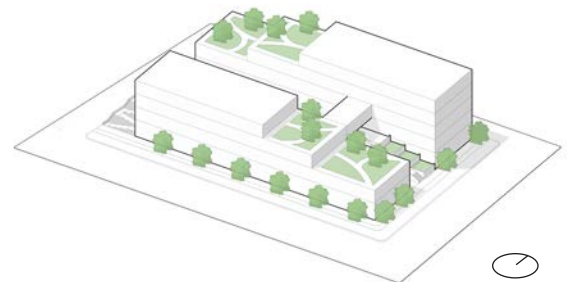


cades in opposite
maximize on natural
ential viewpoints.



Both buildings are connected by a bridge on the third floor that is used for both workspaces and circulation.

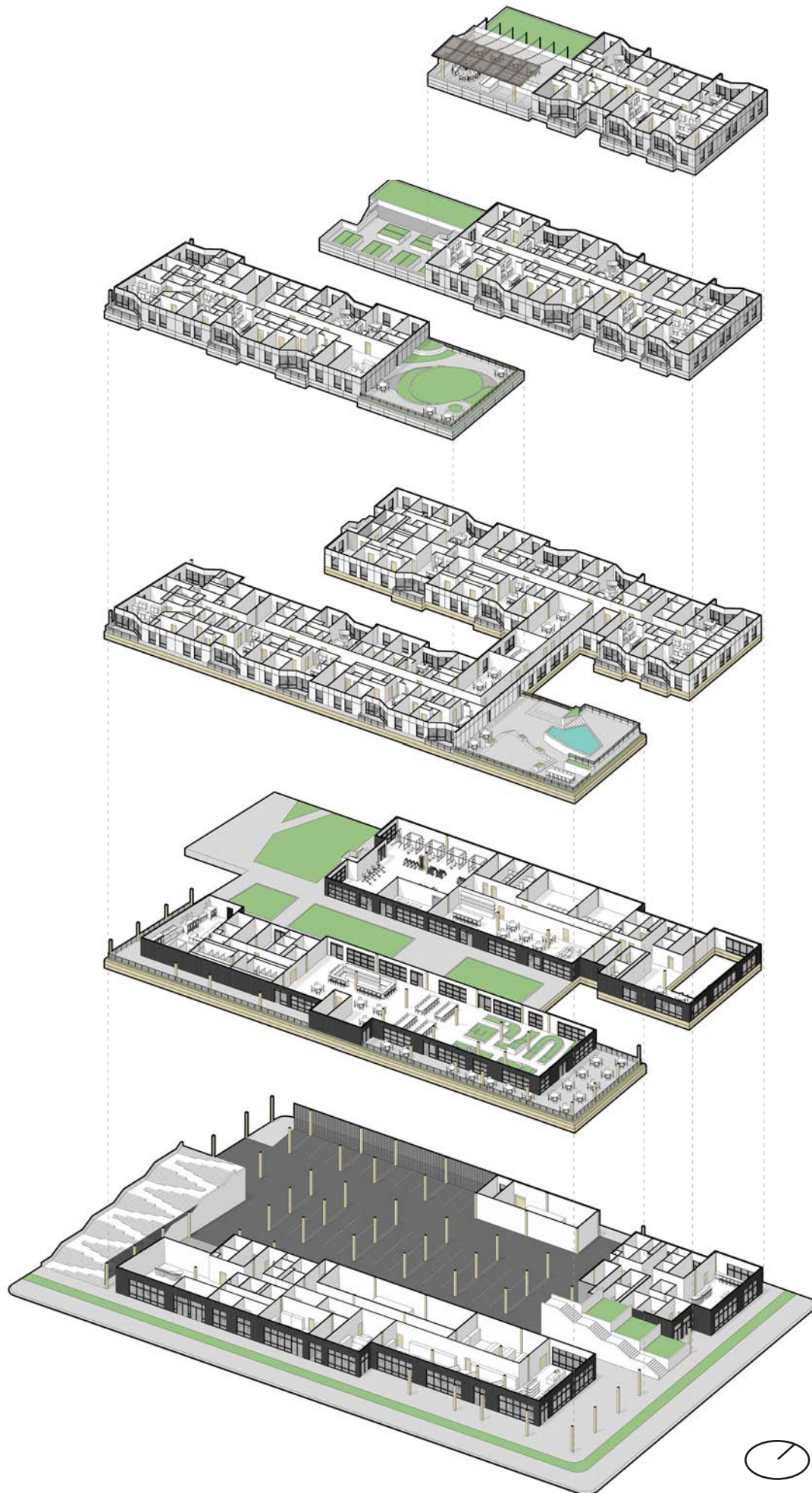
05: Landscape



Nearly all the roofs are accessible green spaces that are xeriscaped and offer numerous amenities exclusive to the residential families.

PRIVATE

PUBLIC



05 Floor Plan

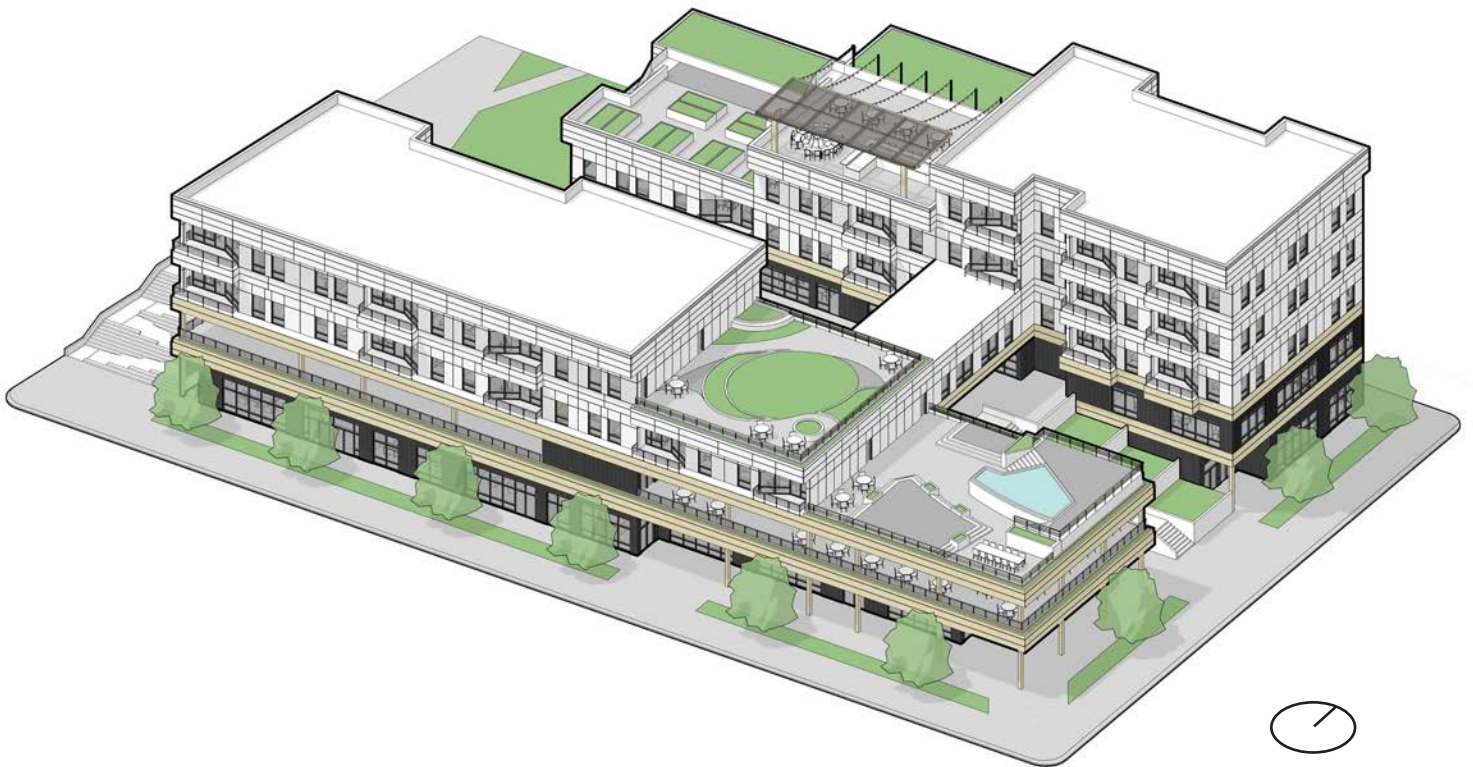
04 Floor Plan

03 Floor Plan

02 Floor Plan

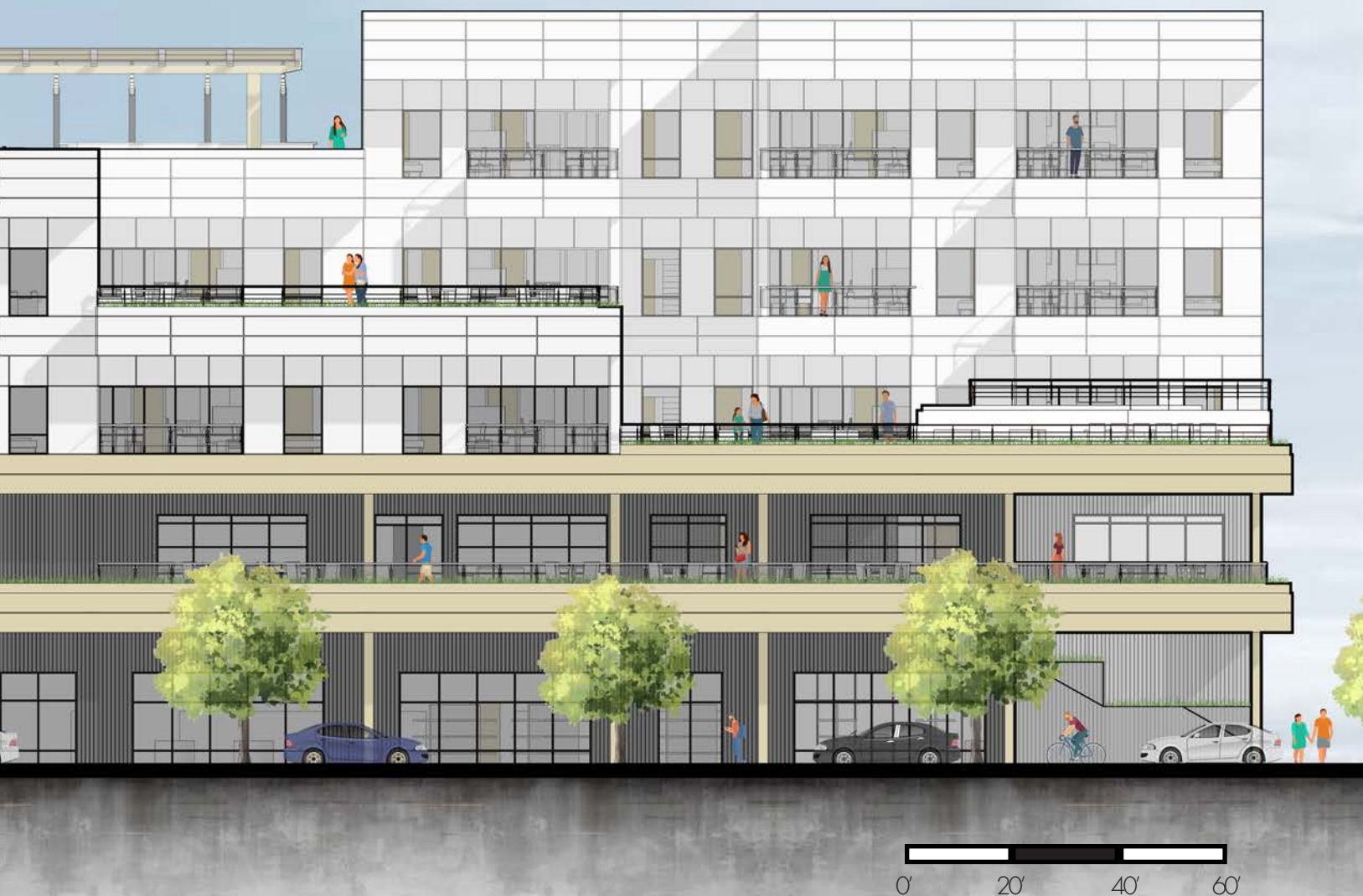
01 Floor Plan

Nestled in the heart of Bentonville, Arkansas, The Cascades stands as a distinctive five-story building that harmoniously blends urban functionality with residential tranquility. The architectural finesse of this structure is evident in its well-thought-out design, featuring two dynamic floors dedicated to mixed-use activities and a serene three-story residential haven above. The building's exterior gracefully communicates this division, with the lower two floors adorned in a sleek grey corrugated metal facade, while the upper three floors exude a timeless elegance with a crisp white metal panel exterior. This intentional organization not only lends The Cascades a striking visual identity but also fosters a clear distinction between public engagement and private living. As one ascends, the atmosphere subtly shifts, offering a quieter and more peaceful retreat on the residential levels, embracing the concept of tranquility within the architectural framework. The Cascades stands as a testament to thoughtful design, providing a harmonious space where urban vibrancy meets residential serenity.





The Cascades boasts a unique design, cascading in opposite directions to optimize daylight and panoramic views for each unit. The clever arrangement not only bathes the interiors in natural light but strategically shades the central space during the intensity of midday sun. The thoughtfully chosen materials contribute to the building's aesthetic prowess. The grey corrugated metal on the lower floors signifies the dynamic mixed-use areas, while the upper three floors, adorned in white metal paneling, emphasize the serene residential spaces above. Notably,



the second floor is outlined with a powder-coated metal resembling wood, setting the stage for the primary mixed-use program: a 24/7 mini-golf bar and restaurant. The Cascades stands as a testament to innovative design, seamlessly blending function, aesthetics, and a harmonious interplay with the surrounding environment.



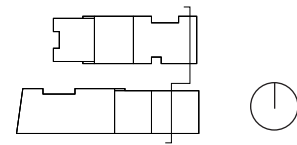
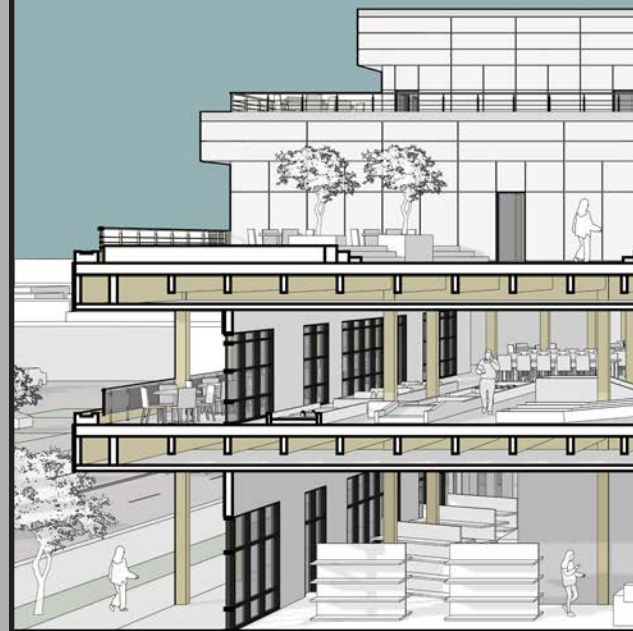
Rooftop Bar



North Lobby

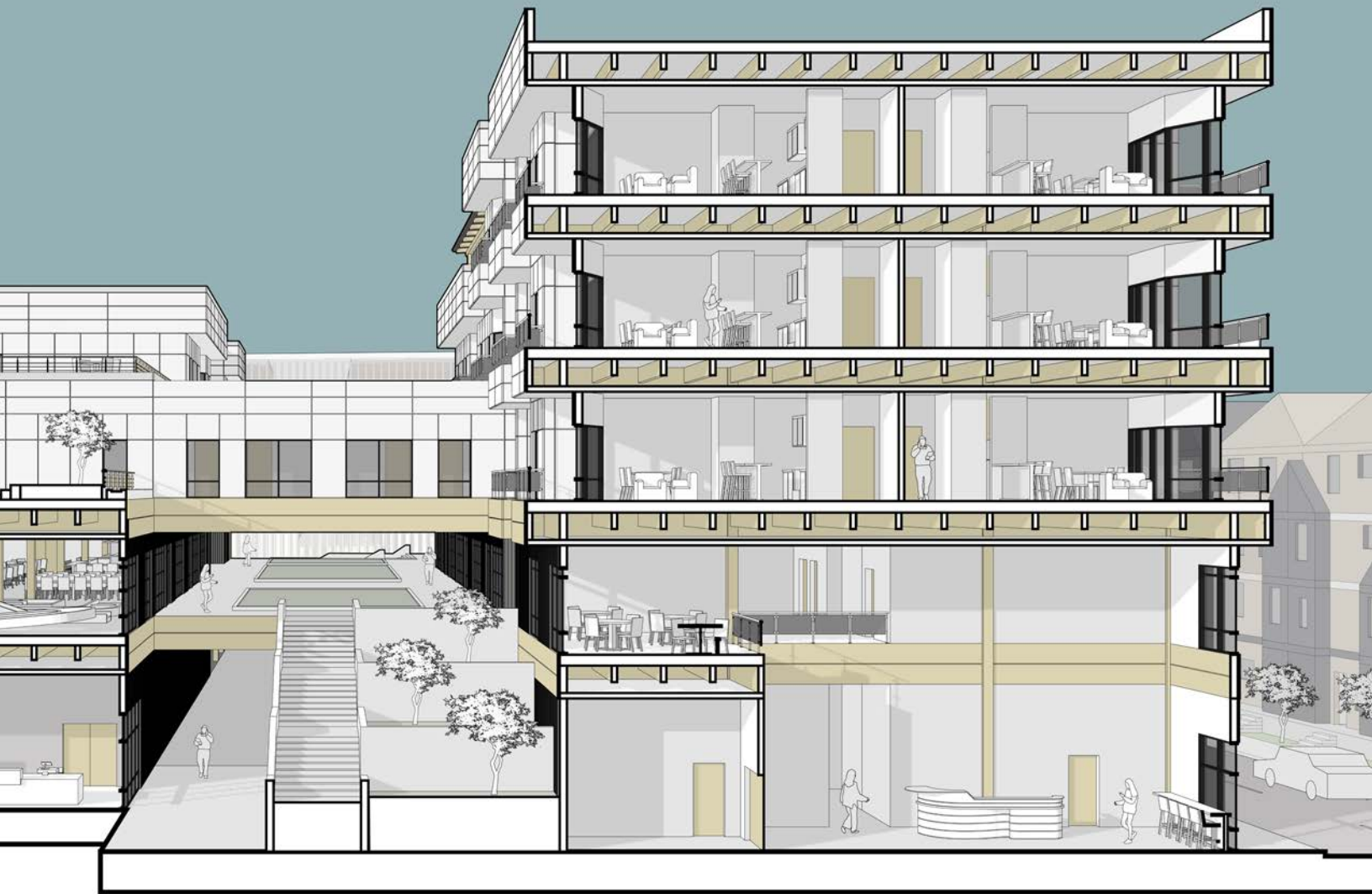


Typical Unit



DESIGN OVERVIEW

Prominently situated at the corner of 8th and ... urban hub seamlessly integrated into its surrounding vibrant streetscape and the elevated green space sets the stage for the building's diverse offerings and communal spaces, including the engineering and following three levels transition into residential apartments, and the fourth and fifth floors extend use allure and providing underground parking a seamless flow of people to explore the building's urban connectivity and community engagement.



EW

and J Street in Bentonville, Arkansas, The Cascades emerges as a dynamic surrounding. This five-story marvel invites the community to explore both its underpass. The first level, dedicated to parking and featuring an inviting market, offerings. As occupants ascend to Level 2, they encounter an array of lounges featuring mini-golf bar, fostering a sense of community and entertainment. The residential spaces, with the third floor offering a mix of 2-bedroom and 3-bedroom exclusively housing 1-bedroom apartments. By activating the corner with mixed-use parking, The Cascades not only enhances the streetscape but also encourages pedestrian activity on the upper levels and the expansive greenway—a testament to its commitment to sustainable development.

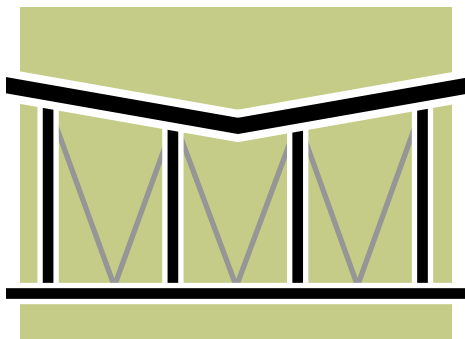




02 TURIN SCHOOL OF INNOVATION

YEAR: *Spring 2024*
COURSE: *Arch 609*
SOFTWARE: *Revit, SketchUp, Lumion*
PROFESSOR: *Francesco Carota*

Located in Turin's Barriera di Milano district, a newly constructed middle school shines as a symbol of contemporary education and community inclusion. Crafted with meticulous attention to detail, it seamlessly integrates into the bustling urban landscape while serving as a vibrant center for students and local residents alike. Through a thoughtful allocation of public and private spaces, the school provides enriching opportunities for both learning and community engagement. From cutting-edge academic facilities to recreational areas and communal events, it fosters a sense of unity and belonging, echoing the district's diverse cultural heritage and dynamic spirit. Positioned along Via Santhia, the school strategically opens towards the west, ensuring accessibility for students arriving from the nearby streetcar station. Additionally, its southern orientation offers access to expansive recreation fields, catering to both students and the broader community with a diverse range of activities and opportunities for social interaction. In essence, the school stands as a beacon of hope and progress, embodying the transformative power of education and collective action for generations to come.



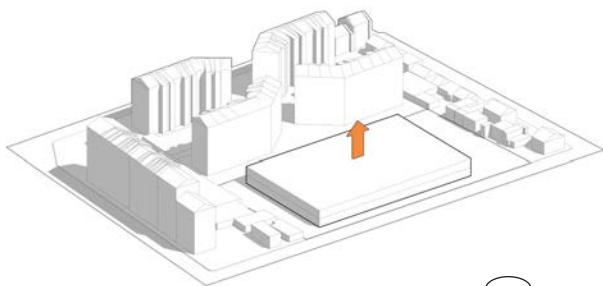
**Completed in partnership with Halle Ernich*





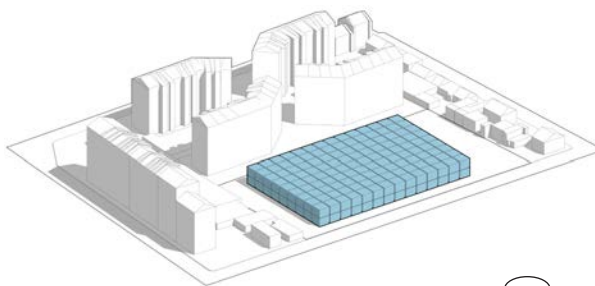


01: Extrude



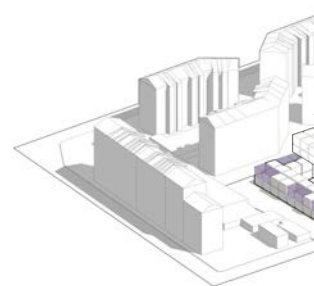
The Building is raised to accommodate two stories, both with a 14' floor to floor height. This allows for ample space in the classrooms without going over the 33' height restriction.

02: Divide

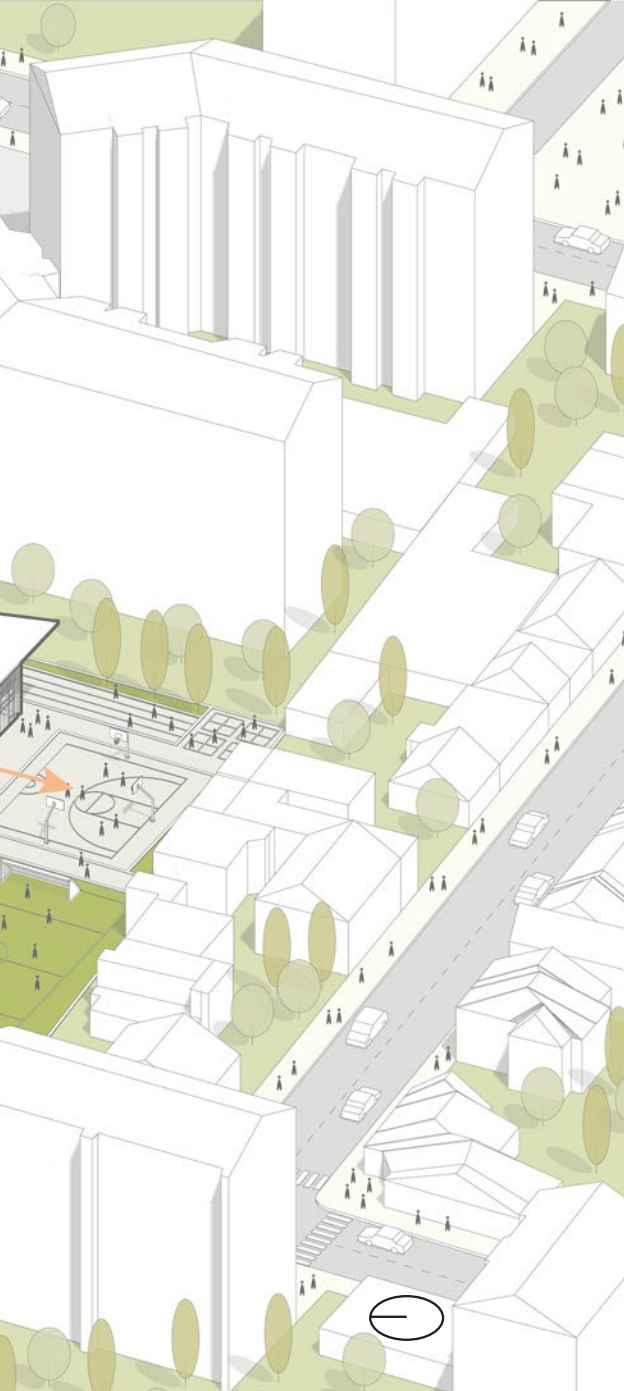


The mass is then divided into a 20' by 20' grid. This organization is replicated on both floors and directly corresponds to the columns, courtyards, and most of the interior rooms.

03: Subtract



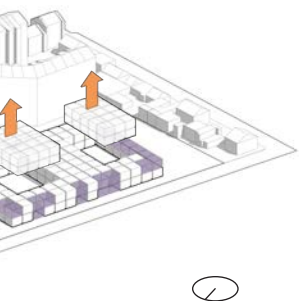
The grid is exploded into courtyards: one for landscaping. Meanwhile, boxes are subtracted for light and outdoor access.



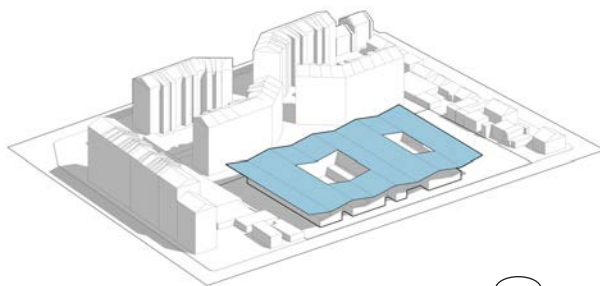
URBAN INTEGRATION

The Turin School of Innovation has been designed to comply with local zoning regulations dictating that the building cannot occupy more than 50% of the site, the school strategically utilizes only 45%, leaving room for a central courtyard and recreational fields on the south end. This approach not only adheres to regulations but also enhances the school's functionality and aesthetic appeal. The courtyard serves as a tranquil hub for outdoor activities and gatherings, fostering a sense of connection and relaxation for students and staff alike, while the planned recreational fields offer opportunities for physical activity and community engagement. Amidst this spatial organization, the building is strategically positioned to maximize natural light and ventilation, ensuring a conducive environment for learning and growth. From classrooms to communal areas, each space is arranged to promote collaboration and creativity. In essence, this new middle school in Turin represents a harmonious blend of architectural innovation, educational excellence, and community engagement, setting a precedent for sustainable and inclusive design in the urban landscape.

04: Roof

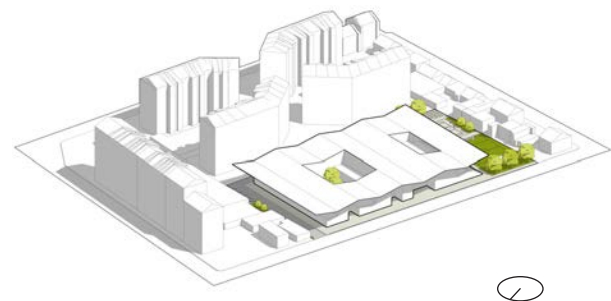


ded to create two
light and one for
while 20' by 20'
ed to ensure natural
ccess.



A roof is placed on top of the building and cantilevers on all sides. The roof is slanted to maximize solar radiation hours as well as provide coverage from the harsh summer sun.

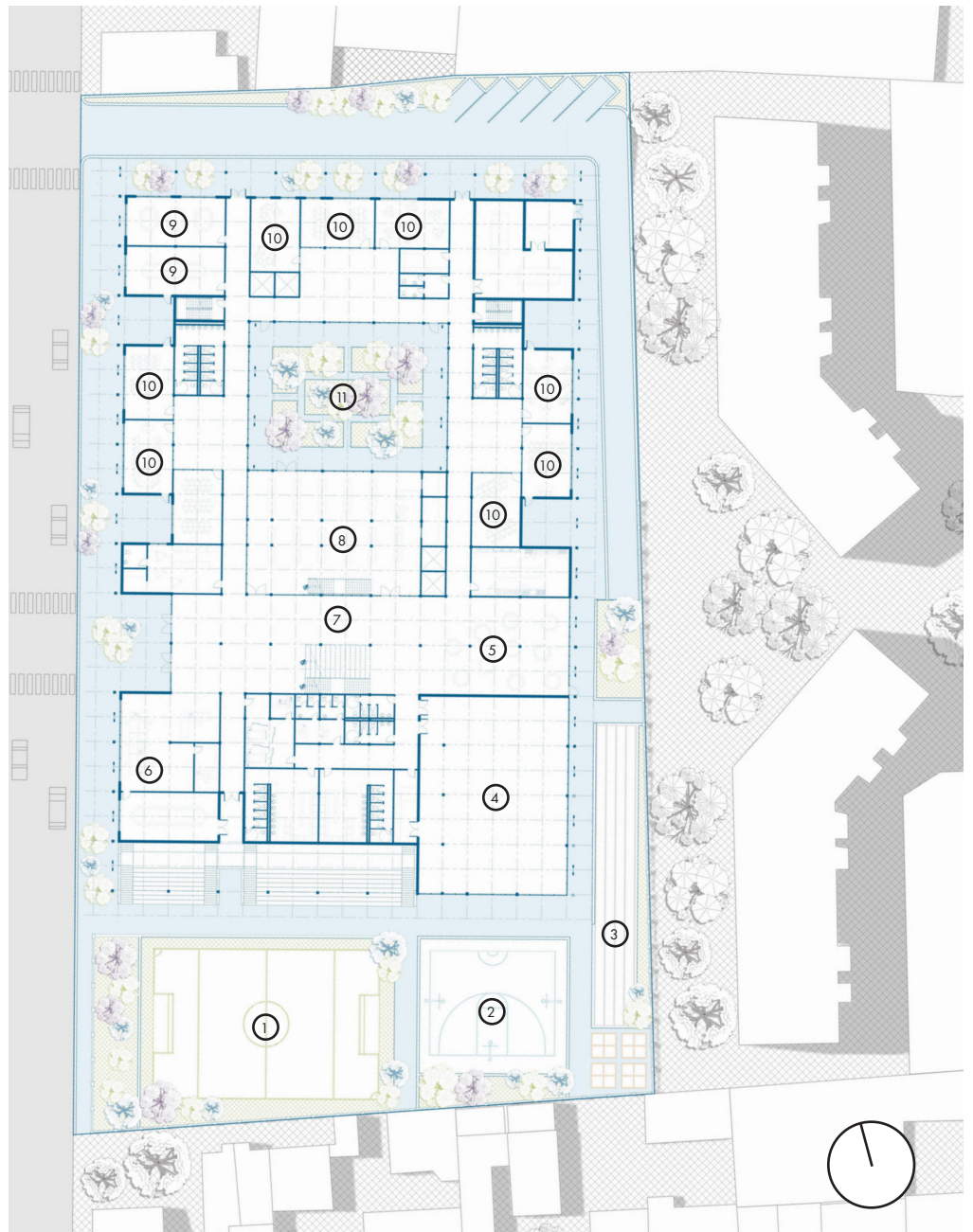
05: Landscape



The courtyards have been planned to provide informal outdoor learning spaces and meeting areas. Meanwhile, the southern end features numerous recreational opportunities.

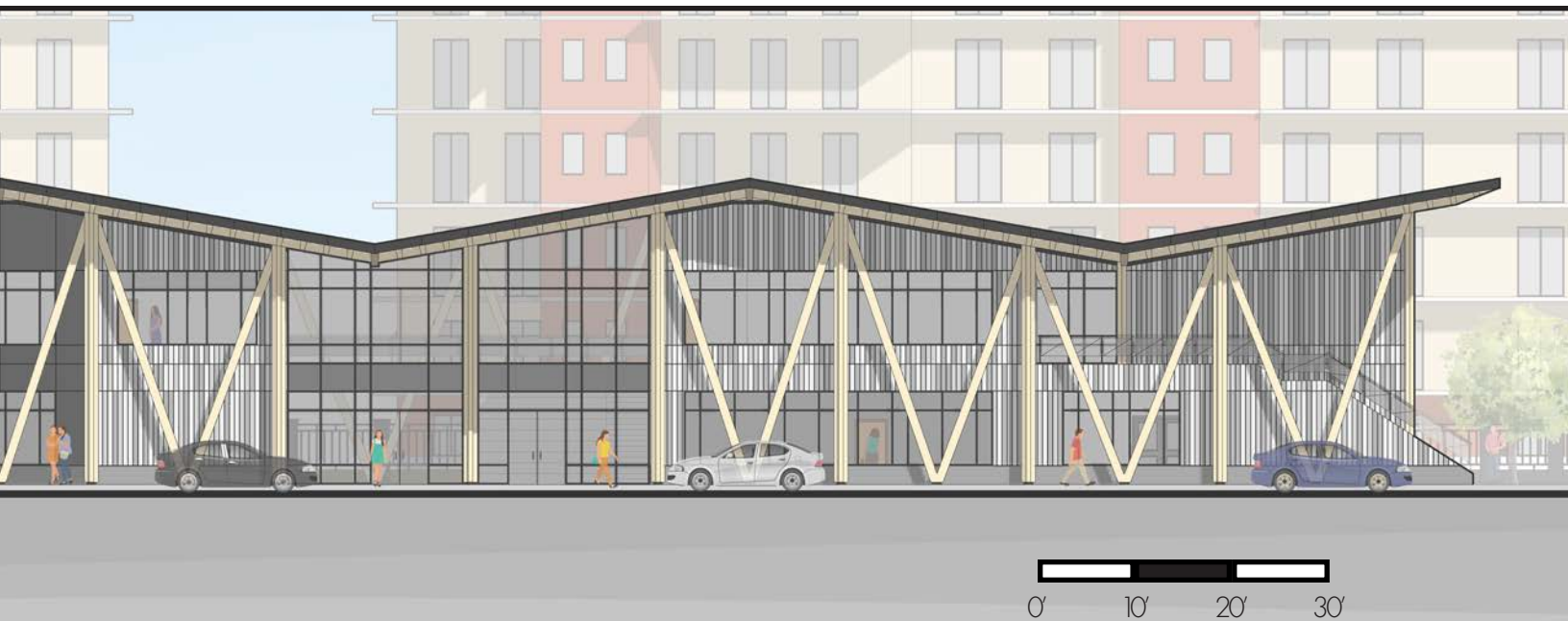
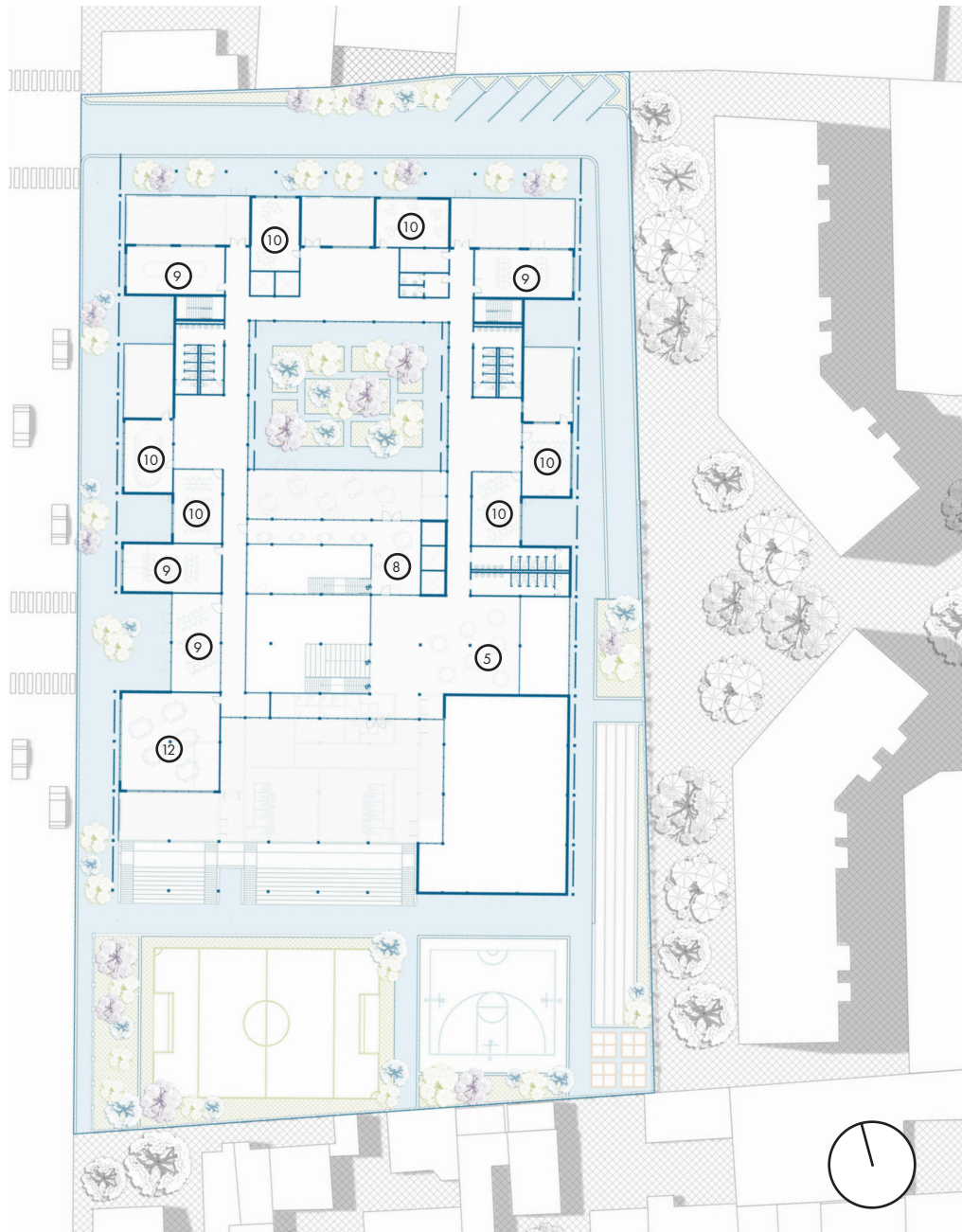
01 Floor Plan

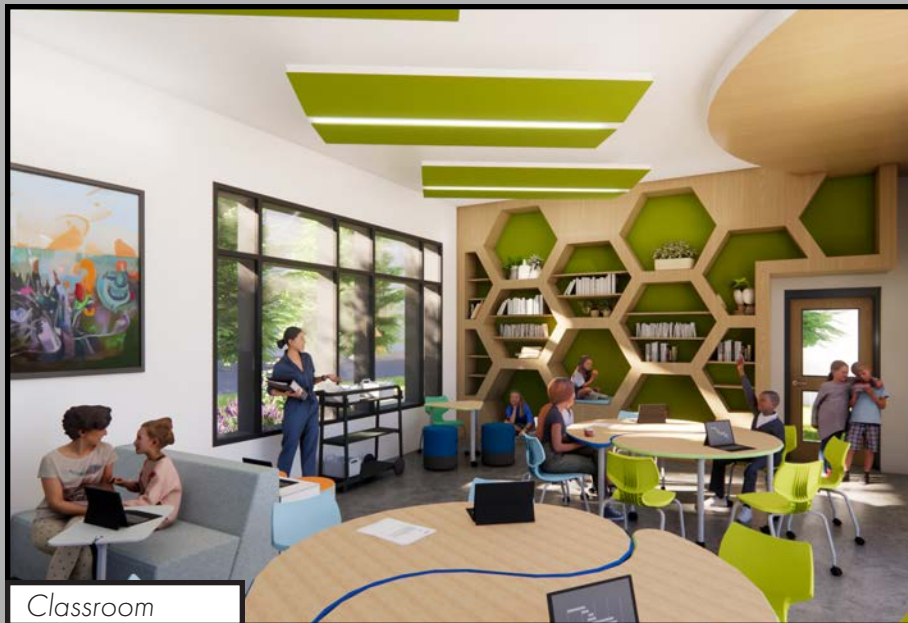
1. Soccer Field
2. Basketball Court
3. Track
4. Gymnasium
5. Canteen
6. Administration
7. Grand Stand
8. Library
9. Lab
10. Classroom
11. Courtyard
12. Multipurpose Room



02 Floor Plan

- 1. Soccer Field
- 2. Basketball Court
- 3. Track
- 4. Gymnasium
- 5. Canteen
- 6. Administration
- 7. Grand Stand
- 8. Library
- 9. Lab
- 10. Classroom
- 11. Courtyard
- 12. Multipurpose Room





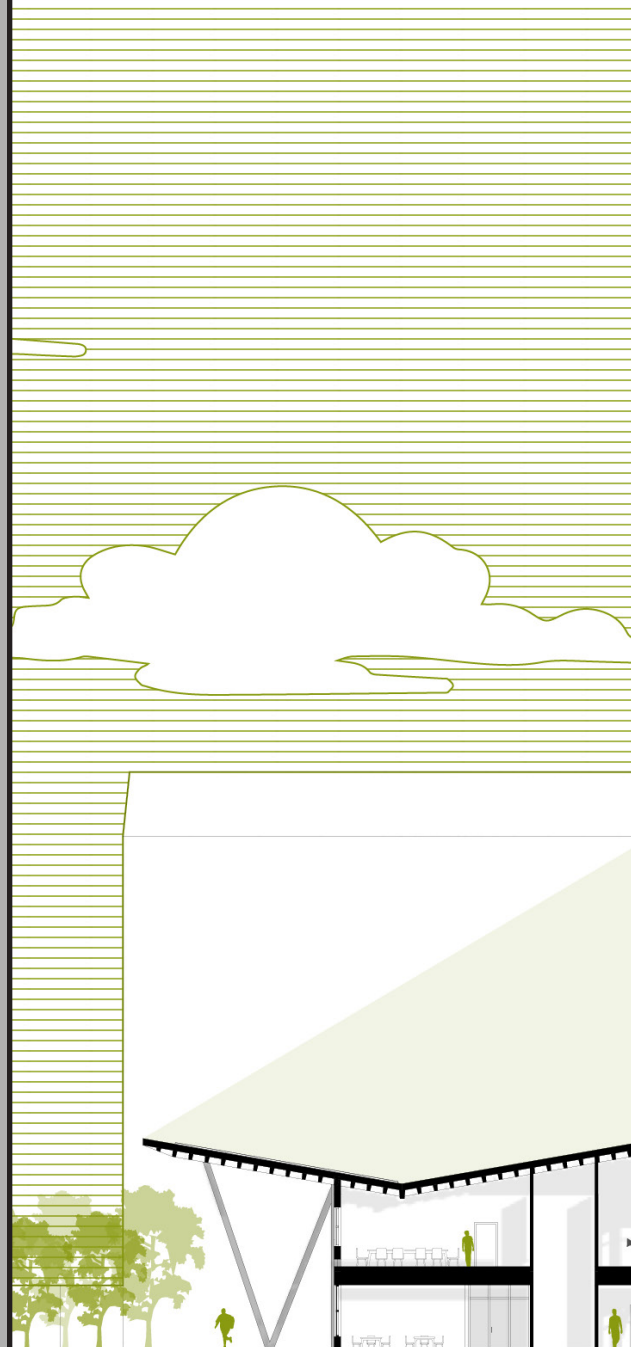
Classroom



Grand Stair

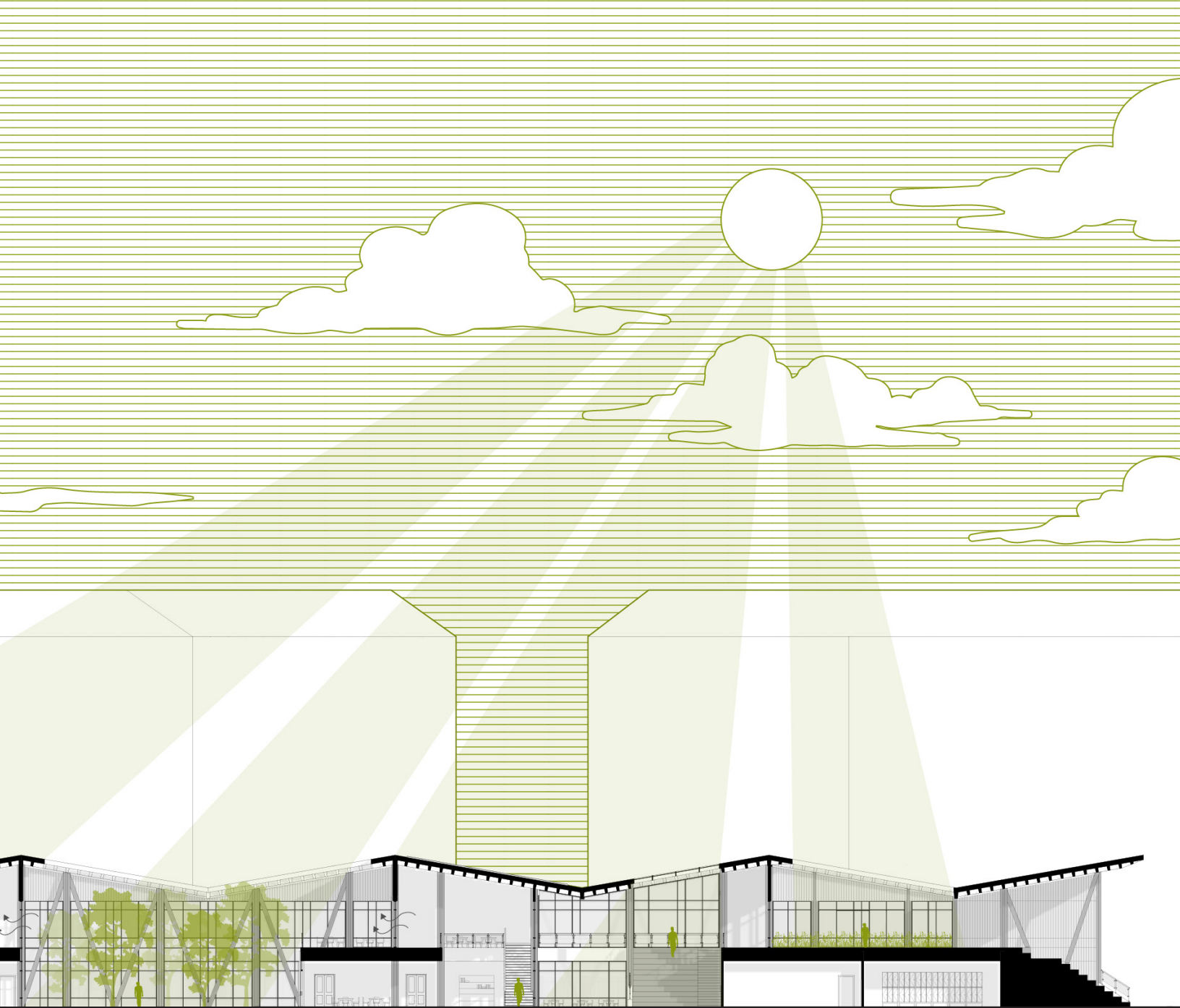


Science Lab



DESIGN OVERVIEW

The Turin School of Innovation redefines collaboration, and connection. By being integrated, it integrates educational spaces with community spaces, fostering collaboration. In contrast, the public side of the building fosters connection, well-being, and social interaction. The circulation spaces ensure a functional and efficient environment for education, where the boundaries between



EW

es schools as vibrant community hubs, seamlessly blending education, designed to serve both students and the broader community, the program unal amenities in an inclusive and dynamic environment. The private realm ces, a library, and outdoor areas that inspire creativity, critical thinking, and includes administrative offices, a gymnasium, a canteen, and locker rooms, cial interaction. Furthermore, essential elements like restrooms and vertical holistic layout. This innovative middle school in Turin embodies a bold vision een learning and community dissolve, creating a brighter future for all.

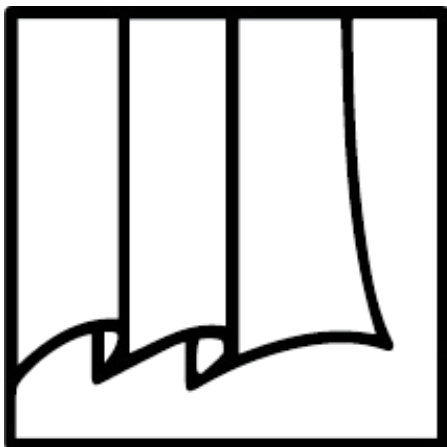




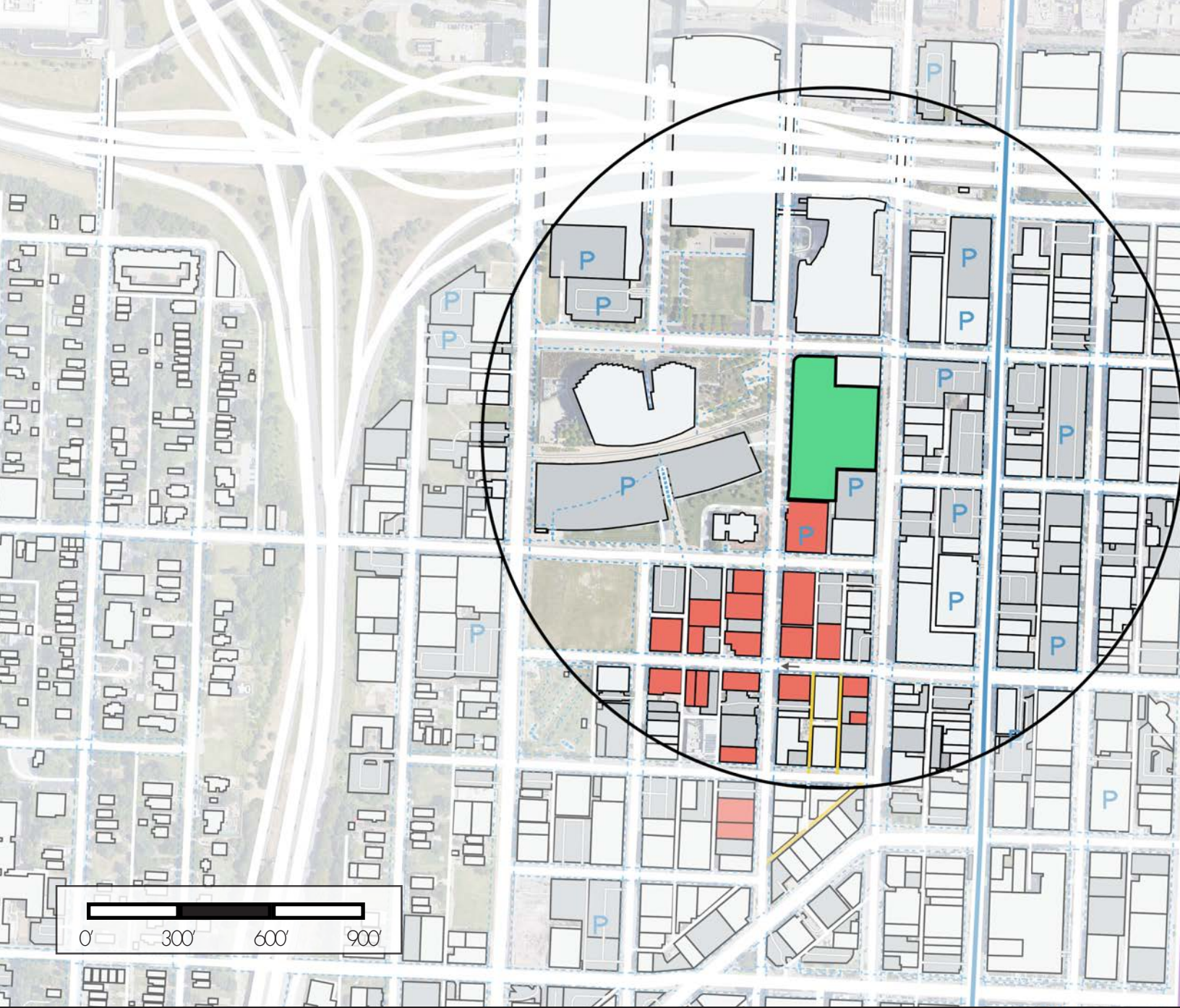
03 PINNACLE PERFORMING ARTS

YEAR: *Spring 2023*
COURSE: *Arch 508*
SOFTWARE: *Revit, SketchUp, Lumion*
PROFESSOR: *Bryan Gross*

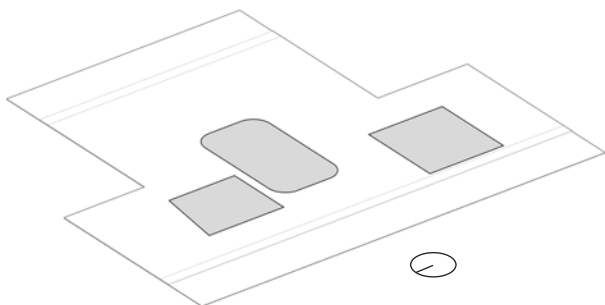
The Pinnacle Performing Arts Center in the Crossroads District provides visitors with the ultimate destination for all creative expression. Located in the heart of the city, the space offers state-of-the-art venues as well as an inviting lobby complete with modern amenities. With its sleek contemporary design, the recital hall, in particular, acts as a symbol of the thriving arts scene in Kansas City. Additionally, the lobby features a glass facade resembling a closed curtain which further emphasizes that a spark of creativity lies just behind the curtain. Overall, the Pinnacle not only provides Kansas City with an intermediate location for theatre, but also an outlet to celebrate the arts from the surrounding area.





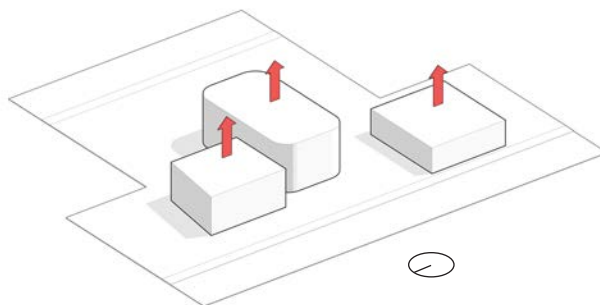


01: Place



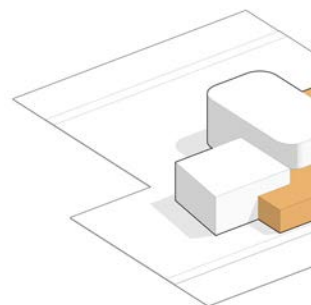
Numerous studies over the given site and surrounding context determined the ideal locations for each of the venues.

02: Extrude



After extending each venue its minimum height, the recital hall was extruding even further. This made the venue very prominent on both sides of the street.

03: Connect



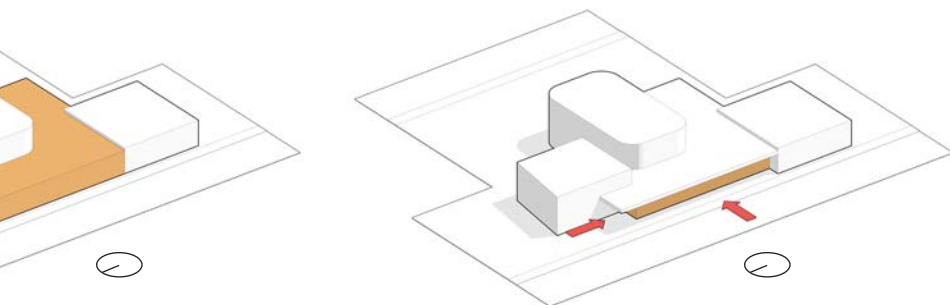
Each of the 3 venues has an L-shaped lobby that provides a means of passage from the venues to Downtown Kansas City.



SITE CONTEXT

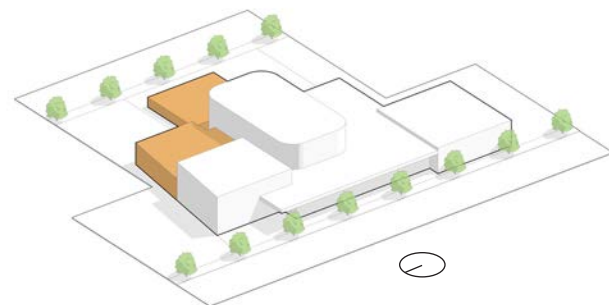
Located in between Wyandotte Street and Baltimore Street the site for this project was primarily focused on being able to bridge the two sides. On one side, the Kauffman Center represents the elegance of larger downtown Kansas City. Meanwhile Baltimore Street symbolizes the unofficial beginning of the famous Crossroads Art District. All three venues of the Pinnacle Performing Arts are located near the property line facing Wyandotte Street. This leaves sufficient room in the backyard for a more informal outdoor performing space. By adhering to the cultures of both sides, the building attracts visitors from all areas of Kansas City. Then it unites everyone through the shared interest of the visual and creative arts.

04: Curtain Wall



The western wall of the lobby has a full length curtain wall. This glass facade resembles an actual curtain symbolizing that creative expression lies just behind the closed curtain.

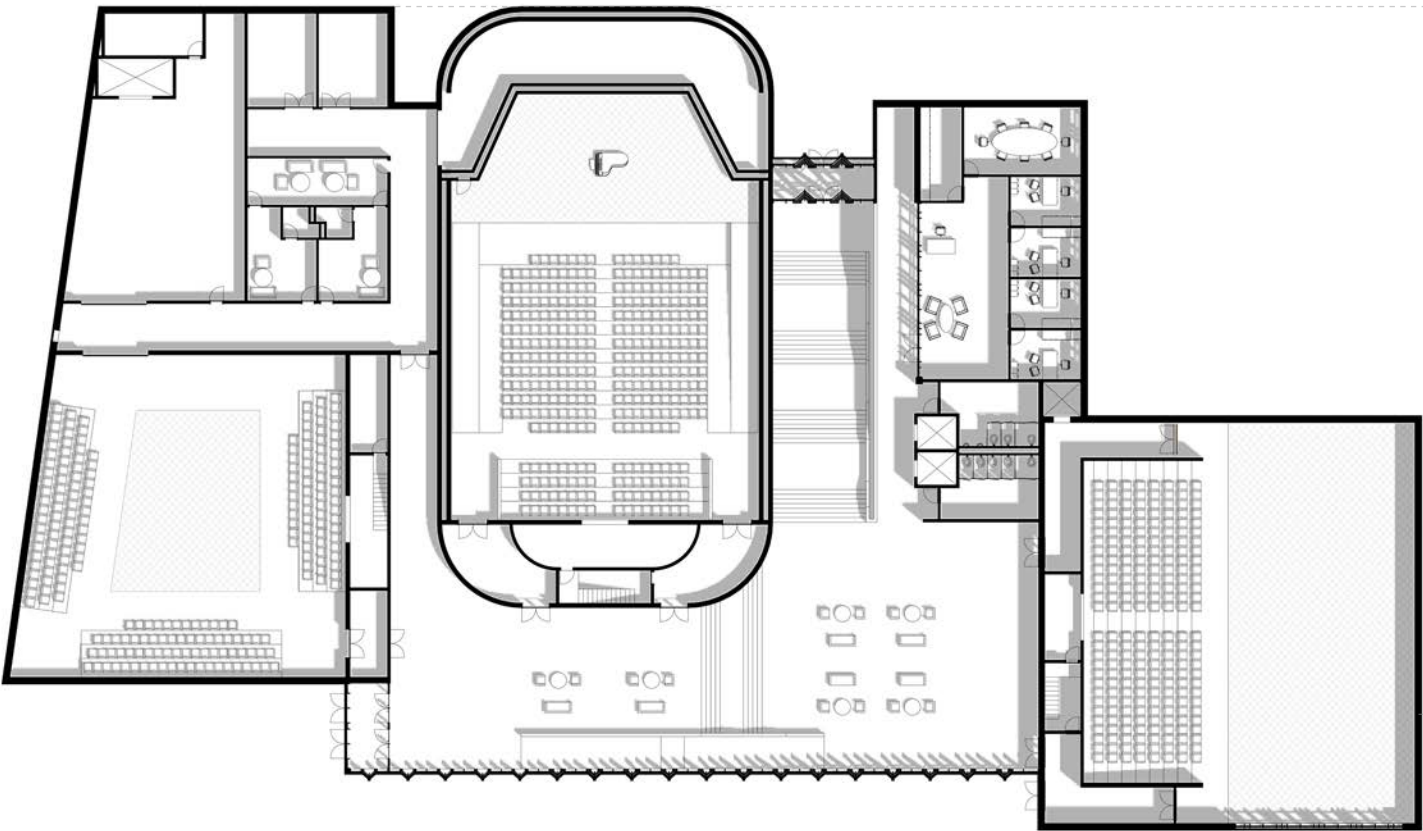
05: Support Spaces



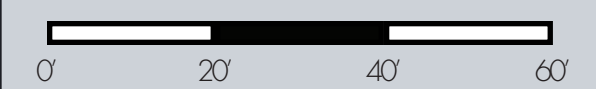
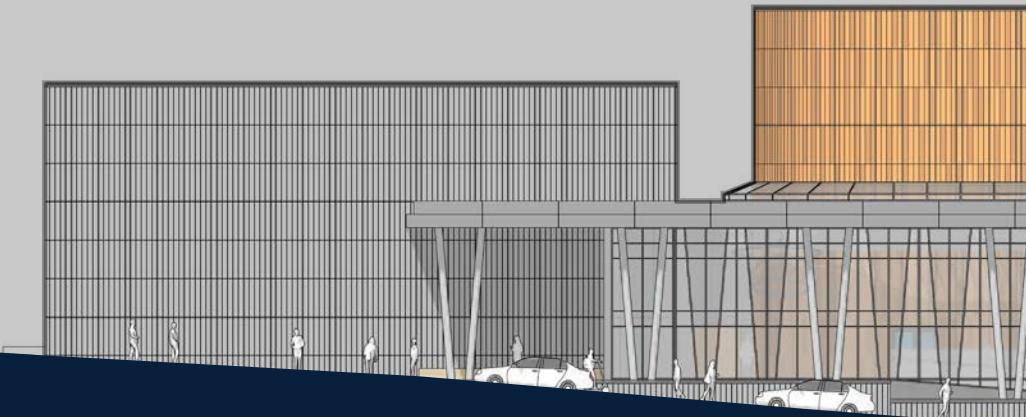
An outdoor performance space and numerous back of house functions are added to the northeastern side of the building. These areas are designed to primarily increase functionality.

s are connected by
that doubles as a
from the Crossroads
s City.

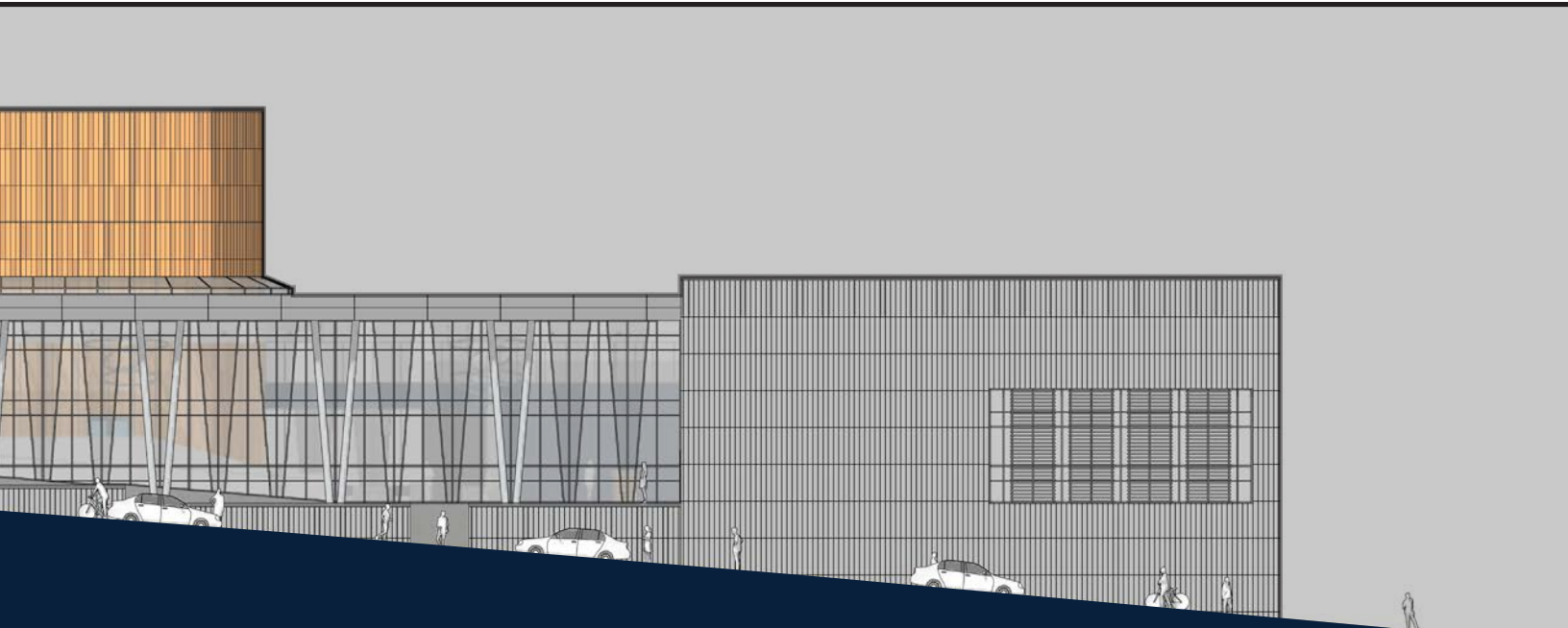
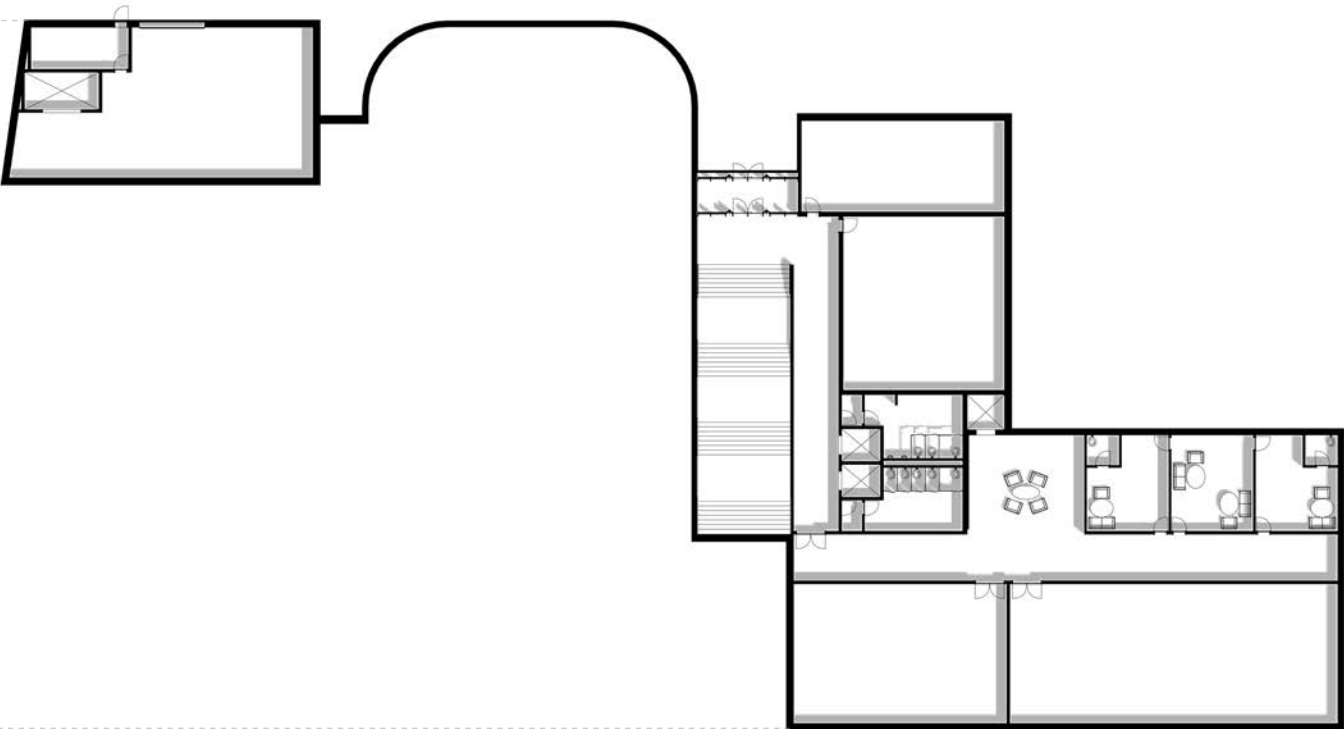
Upper Floor Plan

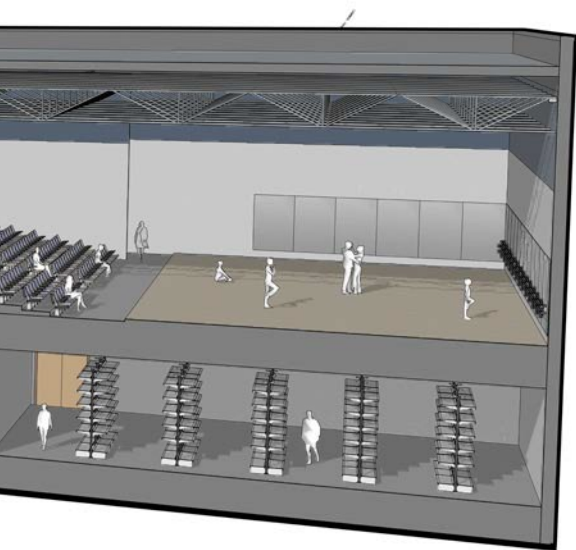


West Elevation

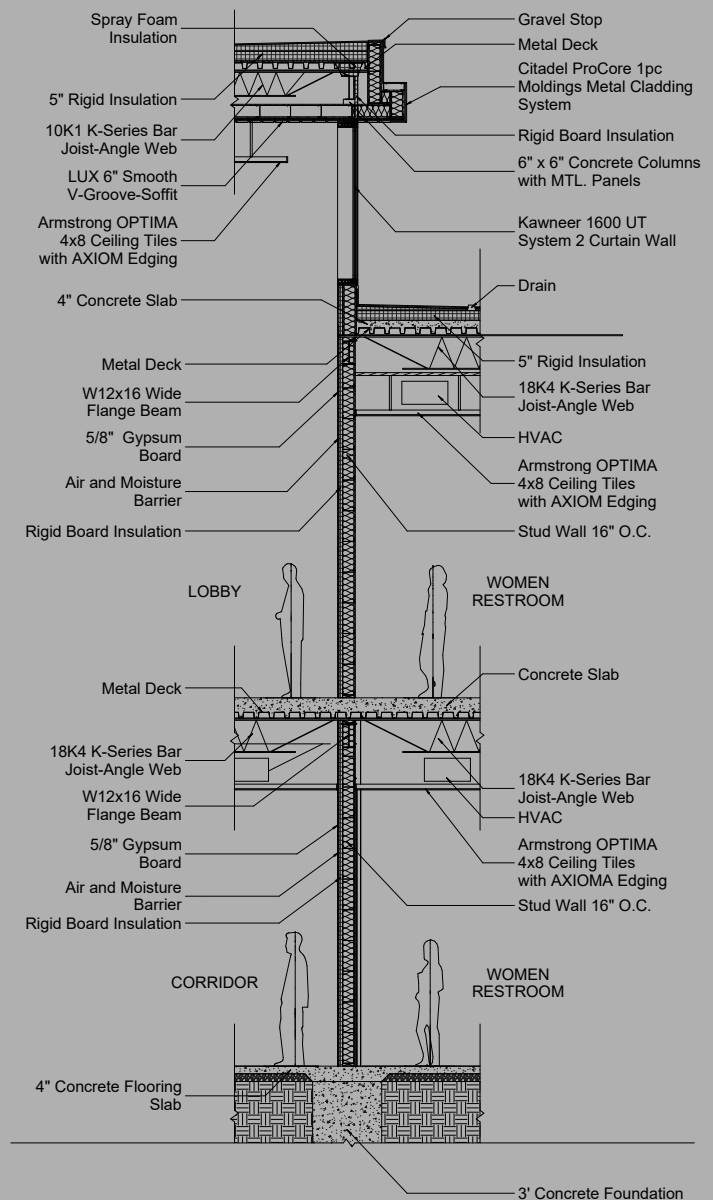


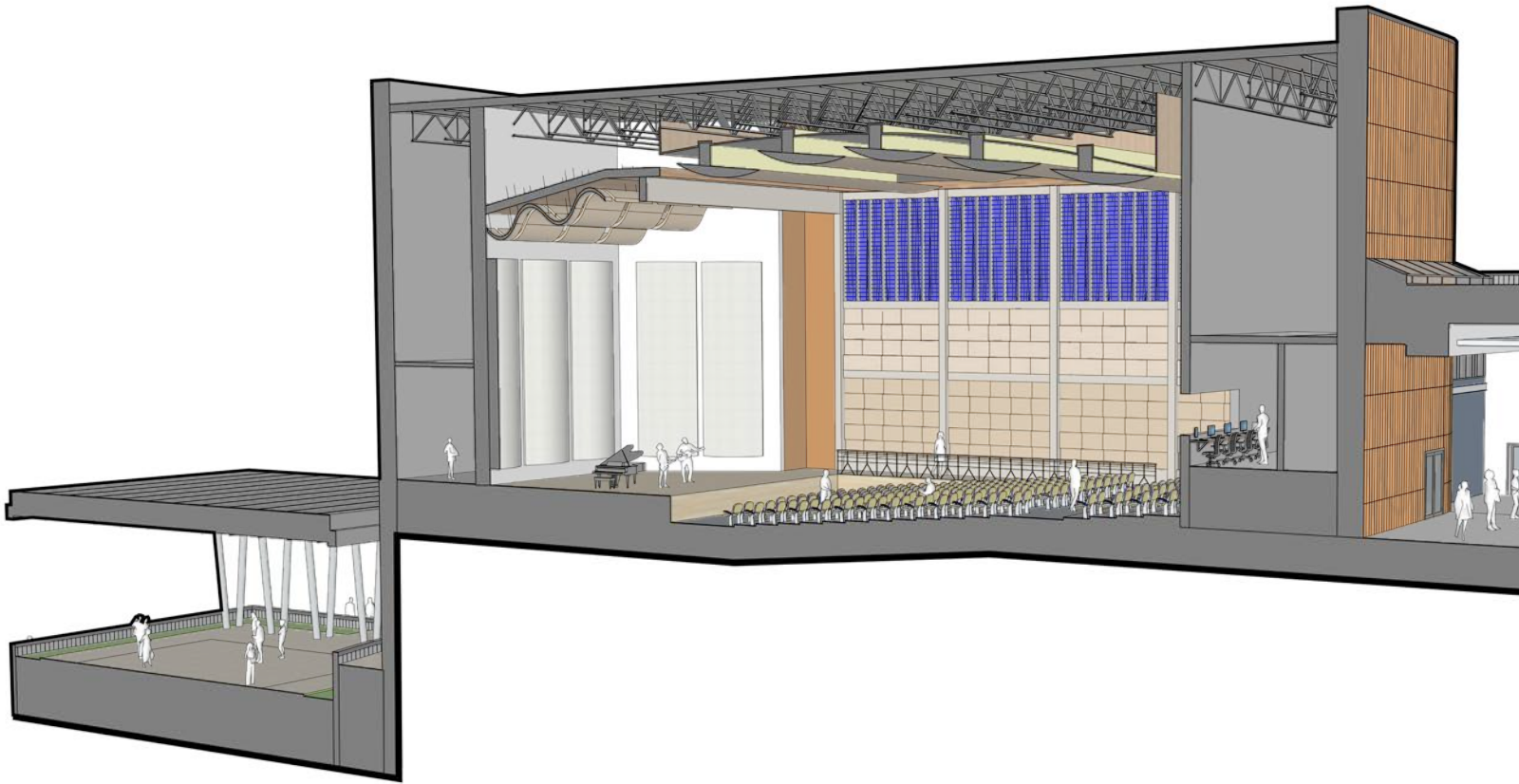
Lower Floor Plan





W
as City, The Pinnacle serves as a cultural nexus,
y of the Crossroads district to the progressive
remarkable structure is its state-of-the-art lobby, a
nestled within the glass curtain wall on the western
lobby is a visual spectacle that hints at the creativity
serves as a unifying element, linking the recital hall,
within the building. The lobby doesn't merely act as
ering comfort spaces that invite patrons to unwind
lobby is a testament to the intersection of tradition
owntown Kansas City's architecture converges with
curtains of each performance venue.

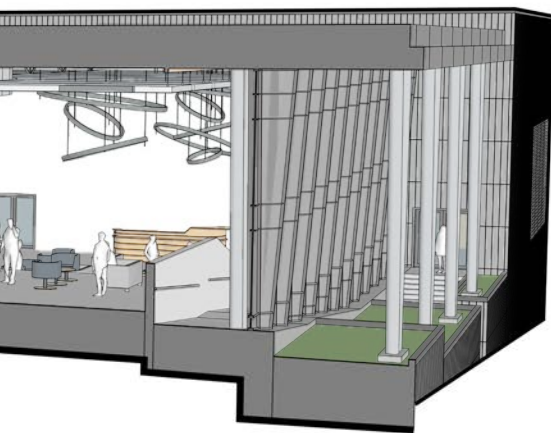




Recital Hall

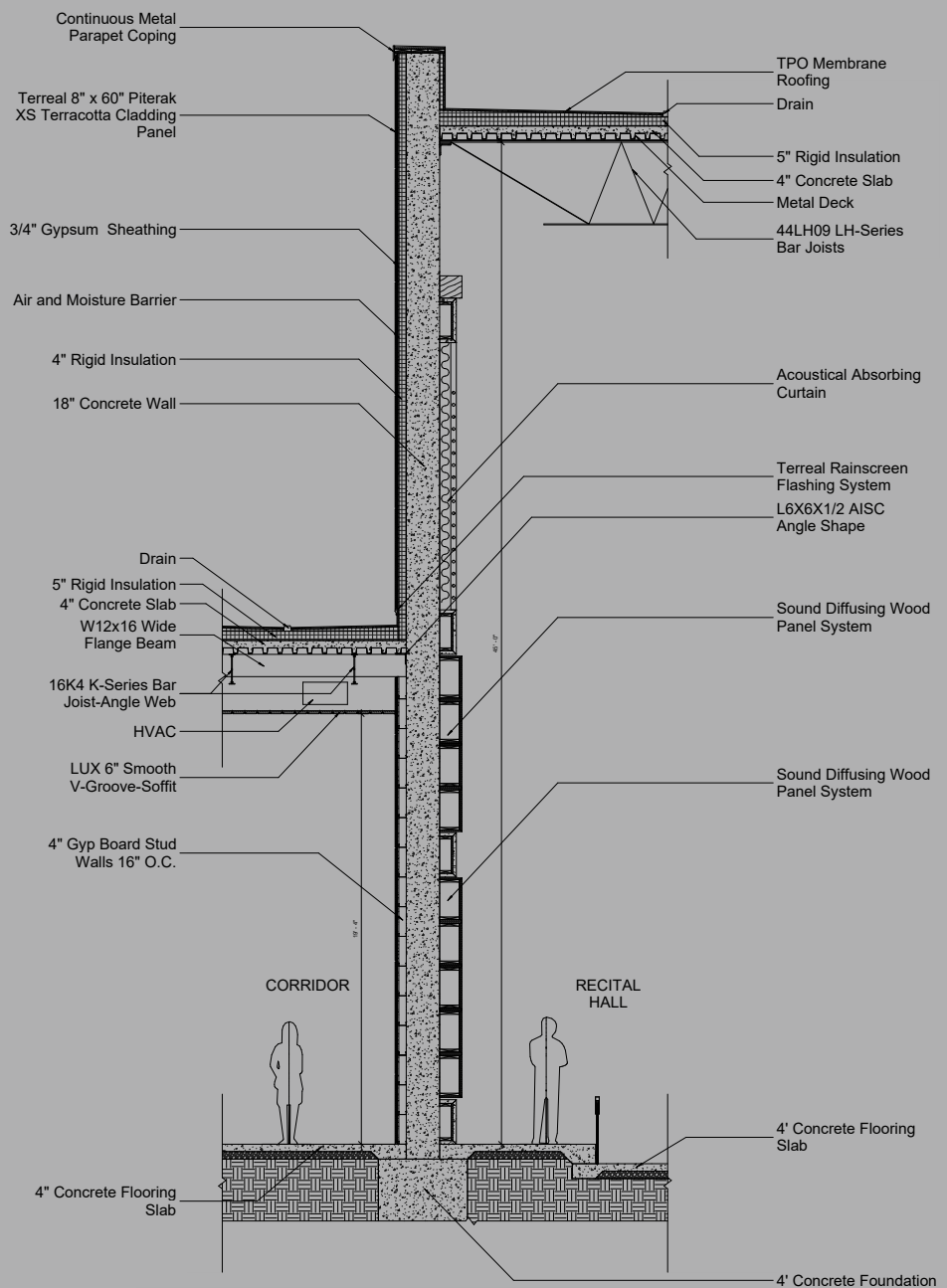
RECITAL HALL OVER

This state-of-the-art Recital Hall works as a s
On the interior, the hall features incompara
destination for recitals, concerts and theatrical
where the first two levels are complete sound
features retractable acoustic absorbing curtains
over their sound.



OVERVIEW

symbol for the thriving arts scene in Kansas City. The hall features a 3 tiered system of sound diffusing wood panels. The highest tier, however, is a balcony that can give the performer complete control







04 STUDY ABROAD

YEAR: *Summer 2023*
LOCATION: *Finland, Sweden, Denmark*

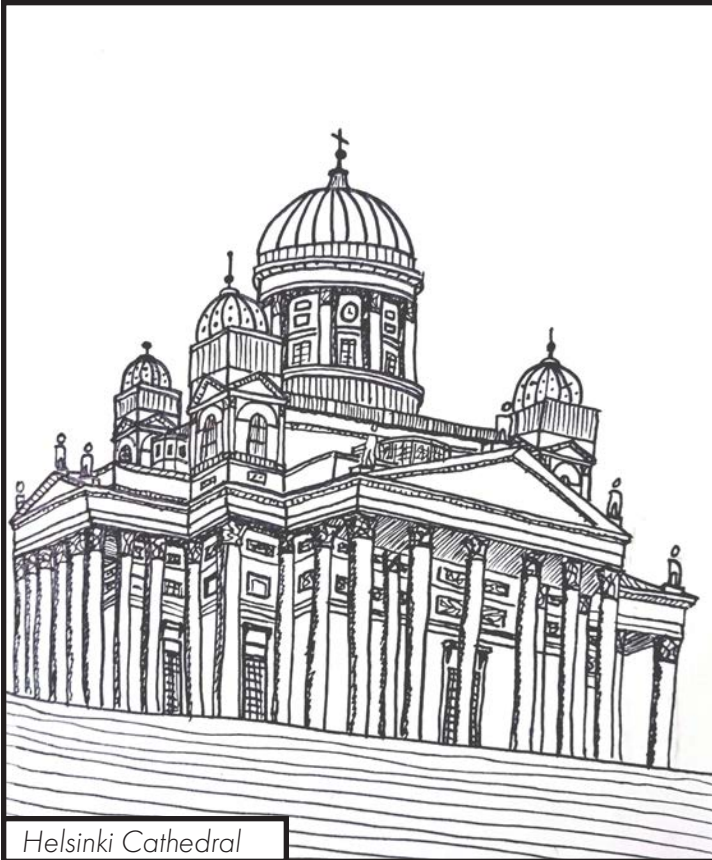
As part of the KU Study Abroad Program I was able to travel to Europe for a few weeks over the summer in 2023. We traveled to Finland, Sweden, and Denmark and got to see some amazing works of architecture. Over the course of the trip, we saw a variety of projects ranging from cathedrals as old as the Renaissance Era to more modernist works from the likes of Alvar Aalto and BIG. Overall, the trip was very eye-opening to see a completely unique perspective on the way the world works and the challenges that come with it.



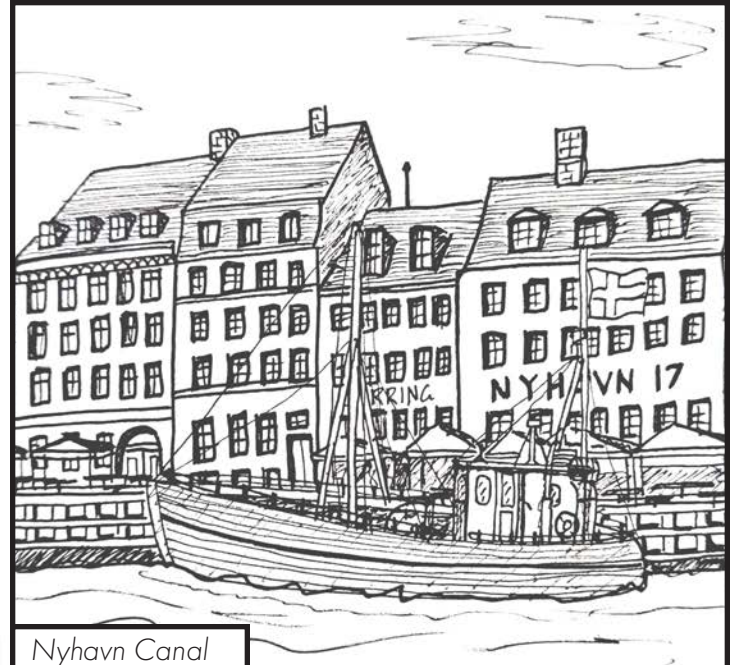
Nyhavn Canal



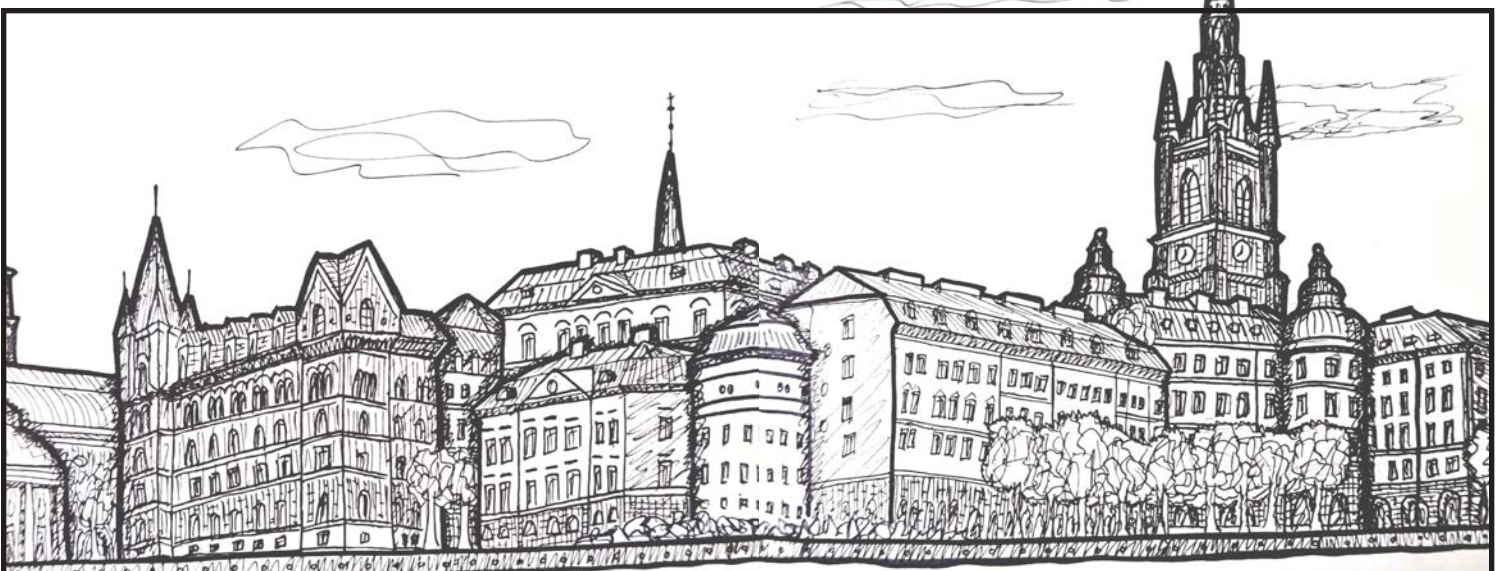
SKETCHES



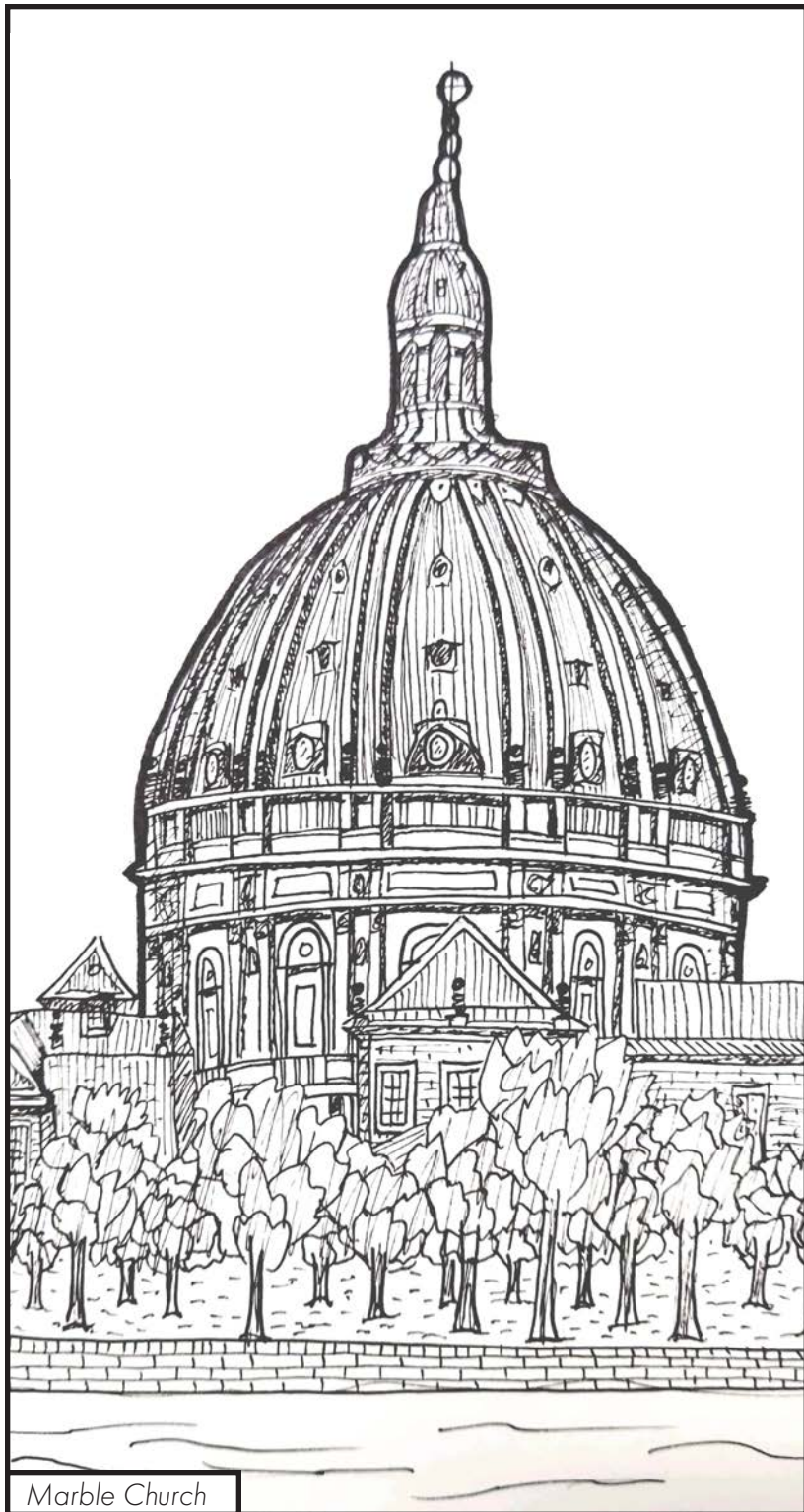
Helsinki Cathedral



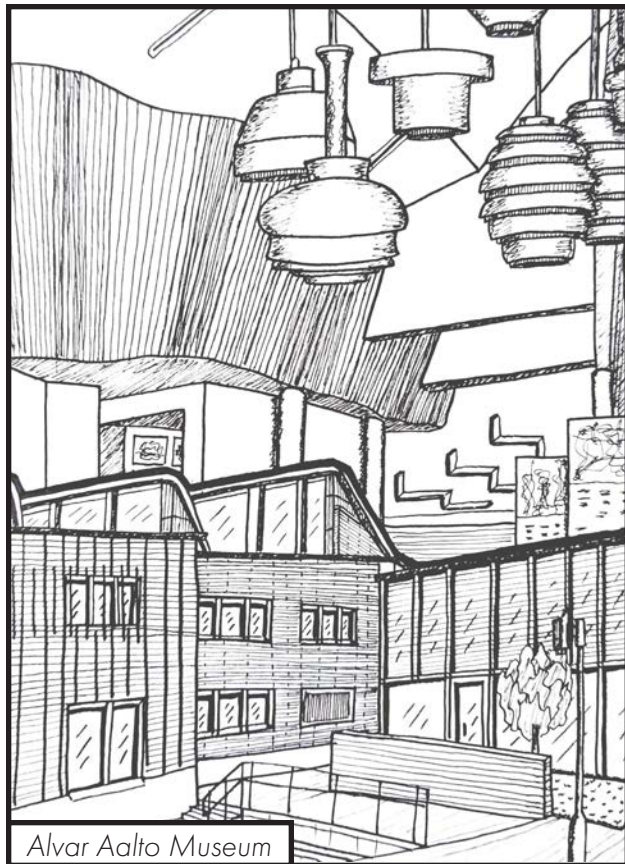
Nyhavn Canal



Stockholm Old Town



Marble Church



Alvar Aalto Museum

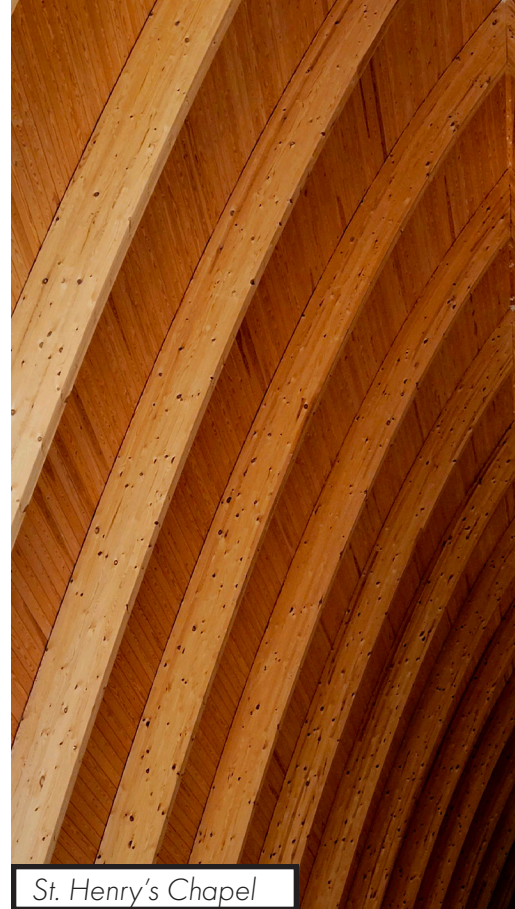


Gamla Stan

PHOTOGRAPHY



Marble Church



St. Henry's Chapel



Helsinki Cathedral



Oodi Library



Grundtvig's Church



Helsinki, Finland

05 EXPLORATION

YEAR: *Fall 2020 - Spring 2025*
LOCATION: *Kansas City, Lawrence, Topeka*

Kansas City, Lawrence, and Topeka hold profound significance in my personal and professional journey, shaping my growth and nurturing my passion for architecture. Each city, with its unique character, has been a canvas for my exploration and inspiration. Kansas City's dynamic skyline and eclectic neighborhoods fueled my fascination with architectural photography, capturing the essence of the city's vibrant spirit. My internship with Populous in Kansas City further enhanced my understanding of sports architecture, offering invaluable insights into the design of iconic venues and the profession as a whole. Lawrence, with its blend of historic charm and collegiate energy, became a muse for my urban sketching pursuits, allowing me to translate the city's diverse architecture into pen-and-ink compositions. In Topeka, my internship with HTK Architects provided a hands-on experience, deepening my understanding of the profession. The diverse architectural landscapes of these cities have not only influenced my hobbies but have also guided my career aspirations, fostering a profound appreciation for the built environment and its impact on the communities we inhabit.



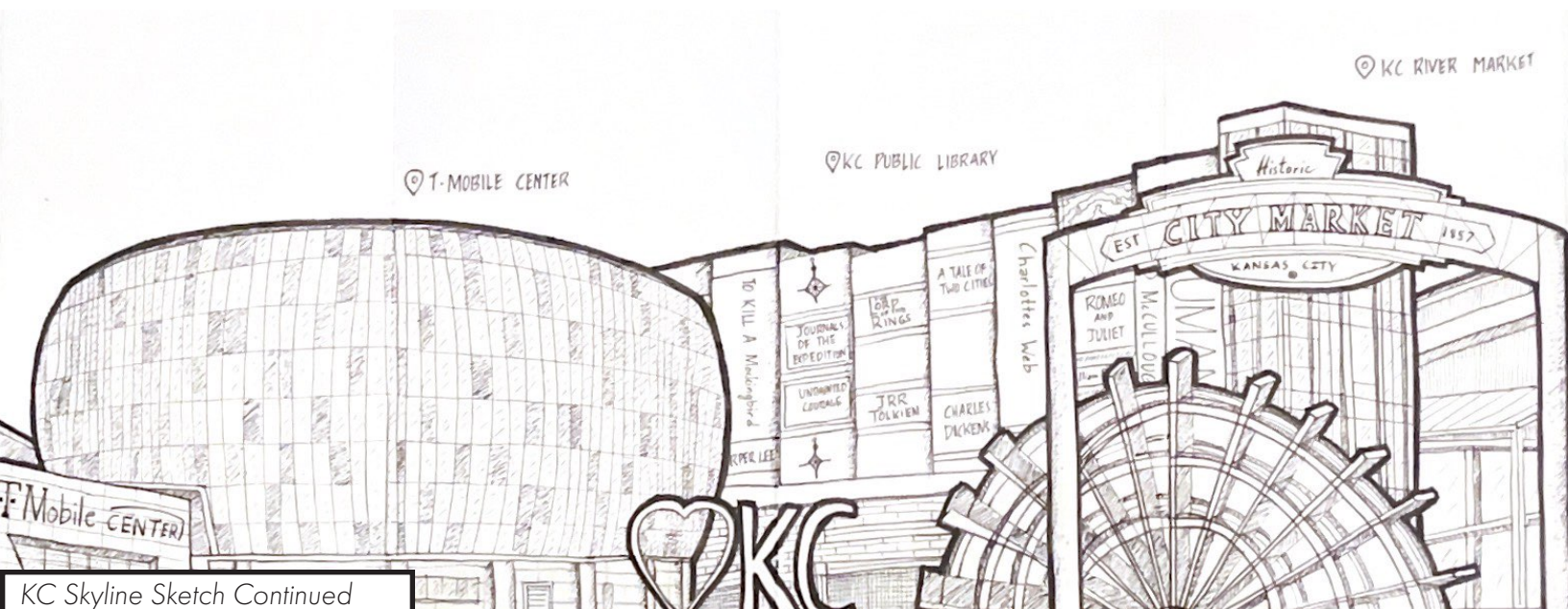
Downtown Kansas City - Photography



SKETCHING



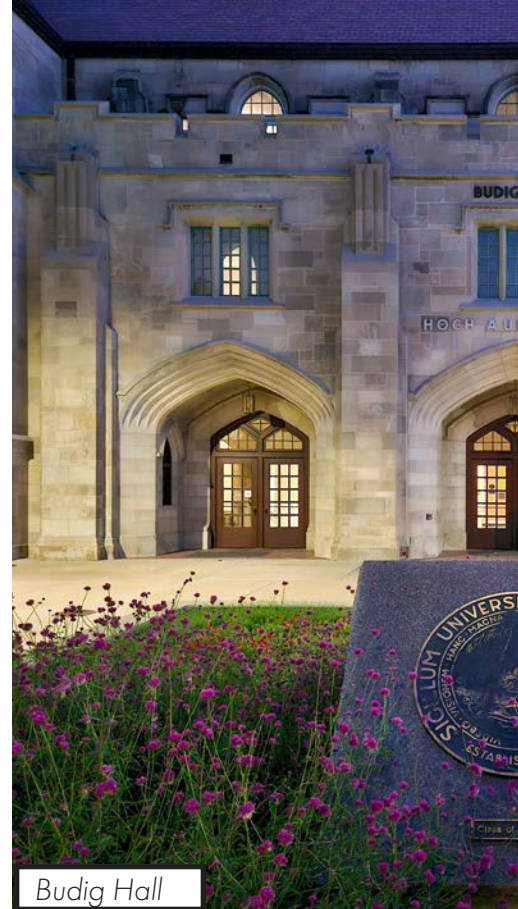
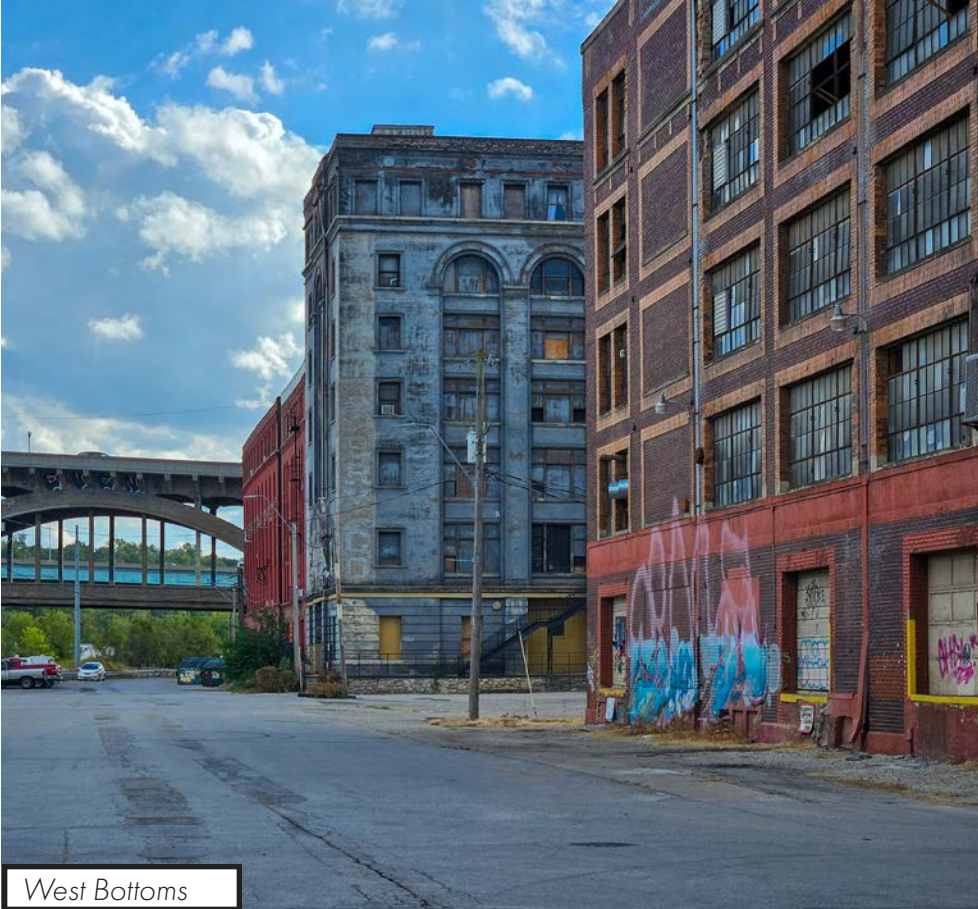
KC Skyline Sketch



KC Skyline Sketch Continued

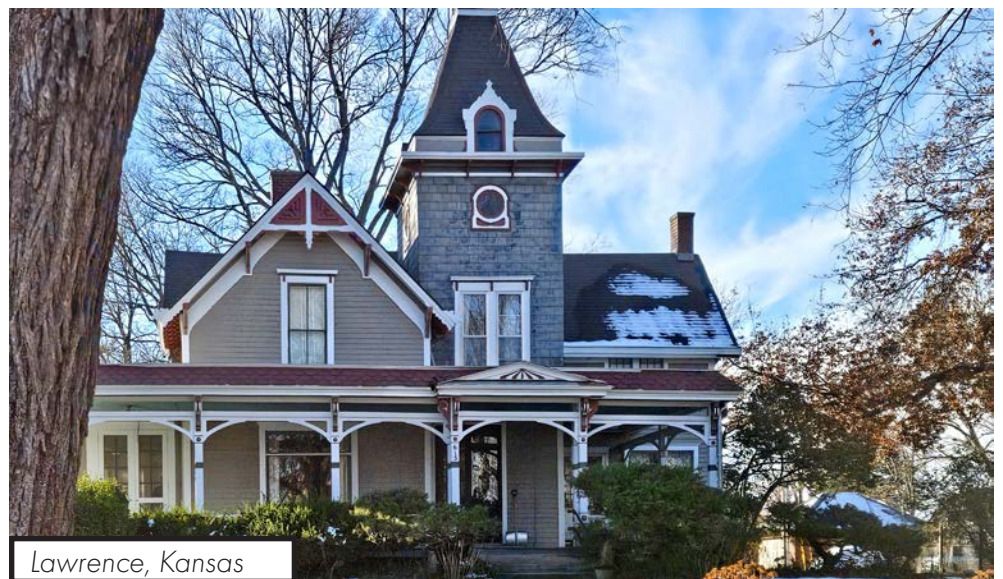


ARCHITECTURAL PHOTOGRAPHY





Midland Theatre



Lawrence, Kansas

