MOLLY MISTLER

Architecture Portfolio

Selected Works 2020-2021

MOLLY MISTLER

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ABOUT ME

Driven and creative architecture student working on obtaining a Master's degree. Experience in retail and marketing. Proven knowledge of a variety of modeling software. Seeking professional experience in the industry to allow me to apply the skills I have learned through previous jobs and in my courses.

SKILLS

Hard Skills
Adobe Creative Cloud, Autodesk Revit, Autodesk AutoCAD, Autodesk 3ds Max, Sketchup

Soft Skills
Adaptability, Leadership, Project Management, Retail

AWARDS RECEIVED

Illinois State Seal of Biliteracy
Illinois State Board of Education
Issued May 2019

School of Architecture Dean's List
KU School of Architecture & Design
Issued May 2020

VOLUNTEERING

Campus Cupboard
- Supply fellow students with a variety of non-perishable grocery items and hygiene products
- Stock inventory and unload weekly shipments

Plymouth Language Program
- Provide caretaking services to children while their parents attend local English classes
- Facilitate a number of games and activities for the children

EXPERIENCE

Campus Manager
University Tees | Aug. 2020 to Feb. 2021
- Design custom products for student organizations and Lawrence, KS community
- Provide exceptional communication and customer service
- Handle payments and shipments
- Ensure that sales goals are being fulfilled

Campus Outreach Manager
Bumble | Jan. 2021 to June 2021
- Complete monthly marketing tasks to increase Bumble engagement
- Work collaboratively with a team to identify marketing activations

Customer Service Associate
Walgreens | May 2018 to June 2020
- Manage register and receive payments
- Stock inventory
- Assist customers throughout the store locate the correct merchandise

Diversity and Inclusion Chair
Gamma Phi Beta Sorority | Aug 2020 - Nov 2021
- Created the position in response to the need for change within the Greek Community at KU
- Lead weekly discussions to educate members and spread awareness
- Participate in Panhellenic meetings and lectures regarding Diversity and Inclusion

EDUCATION

The University of Kansas
Master of Architecture
Expected Graduation Date, May 2024
- Emphasis in Marketing
- Diversity and Inclusion Chairwoman, Gamma Phi Beta Sorority
- Fundraising Chair, American Institue of Architecture Students

Columbia High School
Magna Cum Laude
Attended from Aug. 2015 to May 2019
- Captain, Varsity Volleyball Team
- Senior Class Representative, Spirit Club
- National Honors Society Member, Spanish Club Member, Student Council Member

PORTFOLIO

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Watson Pavilions
Fall 2020

02
Lawrence Sculpture Studio
Fall 2020

03
Baltimore Commons
Spring 2021

PORTFOLIO

01
WATSON PAVILIONS/

Kentucky St, Lawrence, KS

WATSON PAVILIONS/ Fall 2020

INTRODUCTION

When considering the important factors that make up a community oftentimes communities that are the most closely knit are the most successful. For this project, we were challenged to use steel within our structure to design a space that captures the essence of Lawrence, KS, and includes the #1073 locomotive that can be found in Buford M. Watson Park. Watson Park is located in the heart of Downtown Lawrence and has a lot of historical significance to the town, so through my project I wanted to bring the community together and reflect the rich history of the town.

Since Watson Park is quite small and located between some other various minor parks, I chose to design a multi-pavilion pathway that begins at the trail from the Lawrence Boathouse and continues down and past the Aquatic Center. I designed four pavilions that maintain a similar look but vary slightly depending on their location. I connected these four pavilions using a pathway comprised of red brick with 'Lawrence, Kansas' carved into it that was derived from many old buildings and sidewalks that once paved Downtown Lawrence. I also created a water feature surrounding the locomotive that has many fountains for the children of Lawrence to play in. By adding this water feature to the structure, I accomplished restoring the fun aspect that once allowed kids to climb on the train, but in a safe enviroment. These pavilion structures take into account various elements that shape the rich history of Lawrence from the old brick to the various significant historical locations, and the #1073 locomotive. Through this project I aimed to pay homage and highlight the historical significance of this town while bringing the community together with some lovely pavilions for them to enjoy.

Pavilion over Basketball Court

Locomotive Pavilion

PORTFOLIO

02

LAWRENCE SCULPTURE STUDIO/

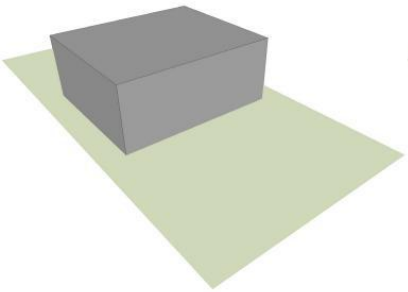
W 11th St, Lawrence, KS

LAWRENCE SCULPTURE STUDIO / Fall 2020

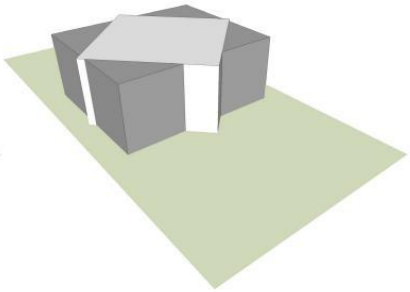
INTRODUCTION

For my final project of my first semester in my second year, I wanted to study creating a building that is reflective of the activities that take place inside of it. The premise of this project was to create a sculpture studio that sits next to the Community Building in Downtown Lawrence and do so using masonry materials. Since sculpture often uses heavy materials to create works of art, I wanted my building to feel as sculptural and artistic as the activities that take place within it. My idea was to focus on creating various triangles out of my structure, so I incorporated triangles into many of my rooms and even angled my sidewalks so that they create triangular boundaries for sculpture gardens to sit on both ends of my building. The top half of my building, I decided would be made of polished limestone and would differ from the limestone brick used in the bottom half of my building. The reason for these two material choices is because I wanted to maintain the monolithic element of my building while giving the appearance of more than 2 materials. My main precedent for this project was the East Wing of the National Gallery for its monolithic feel and use of heavy materials in contrast with its placement of delicate glass, so I designed a pyramidal, glass skylight that incoporates many small triangles to contrast my use of heavy limestone.

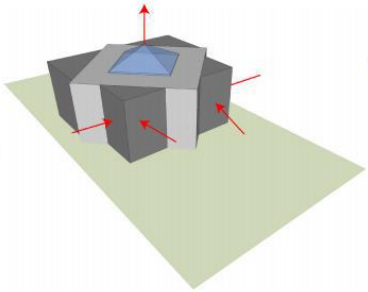
CONCEPT



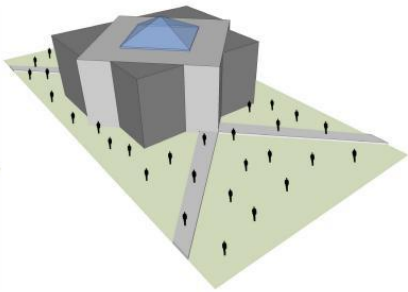
Parti



Repetition

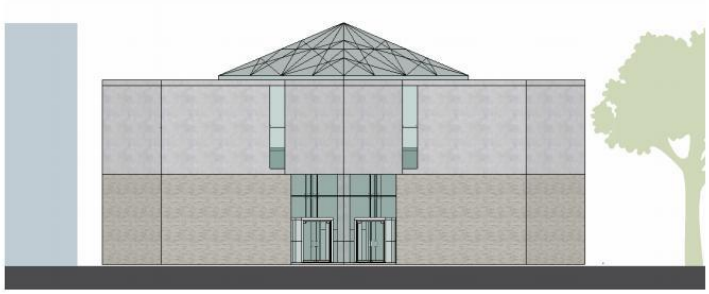


Push/Pull

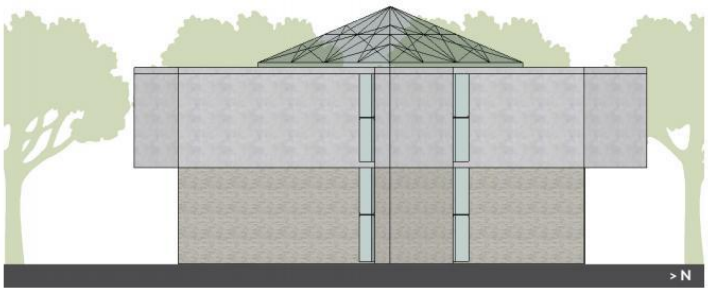


Circulation

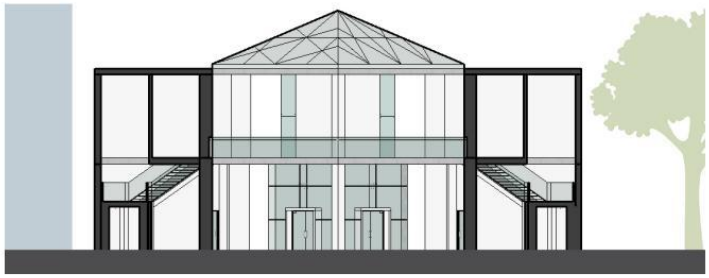
North Elevation



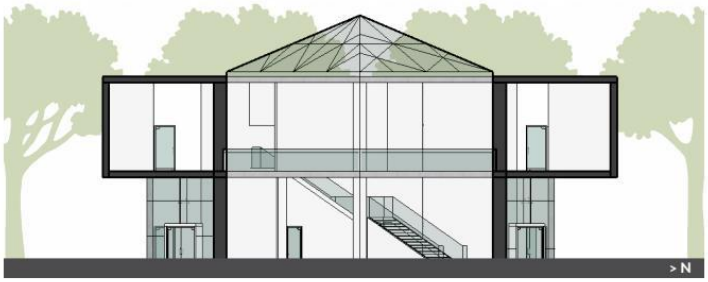
East Elevation



North Section



East Section



Open Work Area

Front Entrance

PORTFOLIO

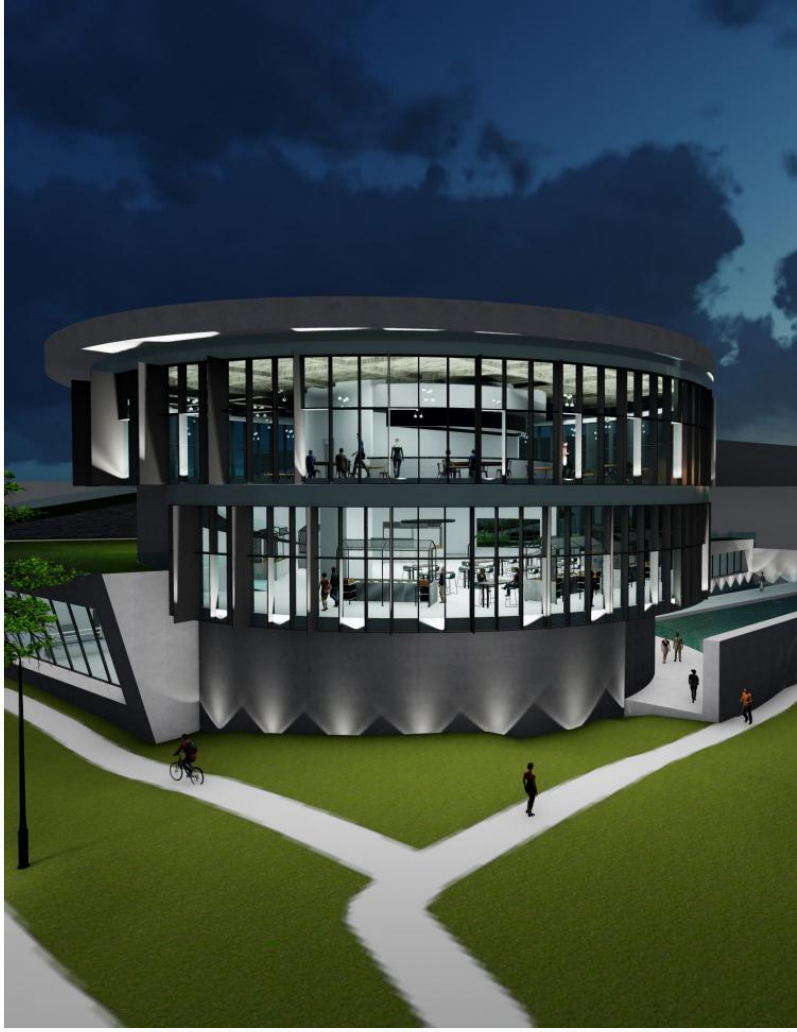
03
BALTIMORE COMMONS/

Baltimore Ave, Kansas City, KS

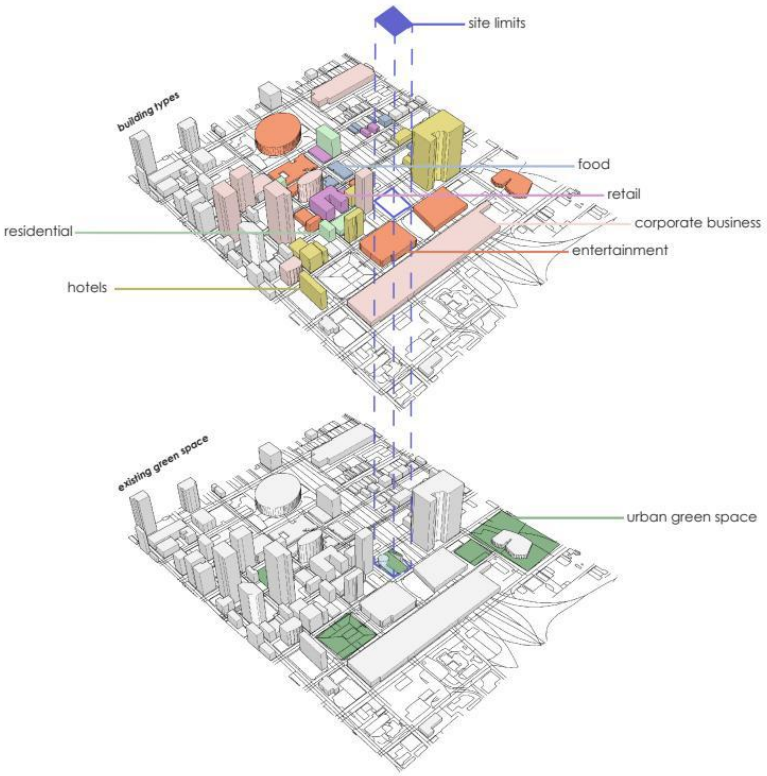
BALTIMORE COMMONS / Spring 2021

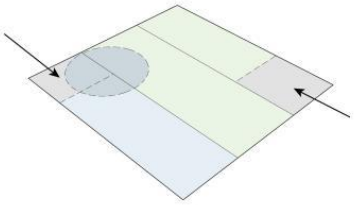
INTRODUCTION

For this project, I was challenged to design a high-tech "grocery store of the future" that sits in Downtown Kansas City. When analyzing the site of my building, I realized there was a lack of green space in the Downtown area. Through my design, I aimed to provide a space that is not only effective in its function but provides the area with much more than just a grocery store. For the form of my building, I wanted to create a contrast between different activities that would be taking place within my store. The more cylindrical part of my building holds more "premium" store activities such as a coffee bar, open grocery kiosk area, and a restaurant. In contrast, the more rectangular portion of my store encloses a more traditional grocery store sales floor along with some offices. Another main feature of my building is the shallow pool that one walks above to enter my store. I included this water feature not only to reflect that Kansas City is home to the second most water fountains in the world but also to create a feeling of calmness and serenity before entering the store. Since spending more time in a store tends to make people spend more money in a store, I wanted people to feel relaxed and slowed down prior to entering. The most important feature of my building is the walkable green roof which is accessible from street level. This green roof includes three light modulators which not only provide energy-efficient lighting to the sales floor but allow people to look down into the store from the roof. The open green roof is adorned with lots of foliage and overlooks spaces to provide the city with a communal space that brings people together and improves their quality of life.

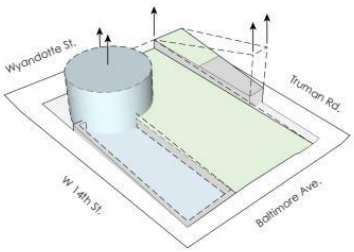


SITE CONTEXT + CONCEPT

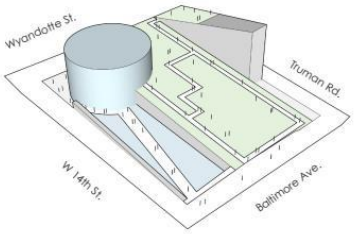




Slice the plane into equal thirds and divide site by program space.



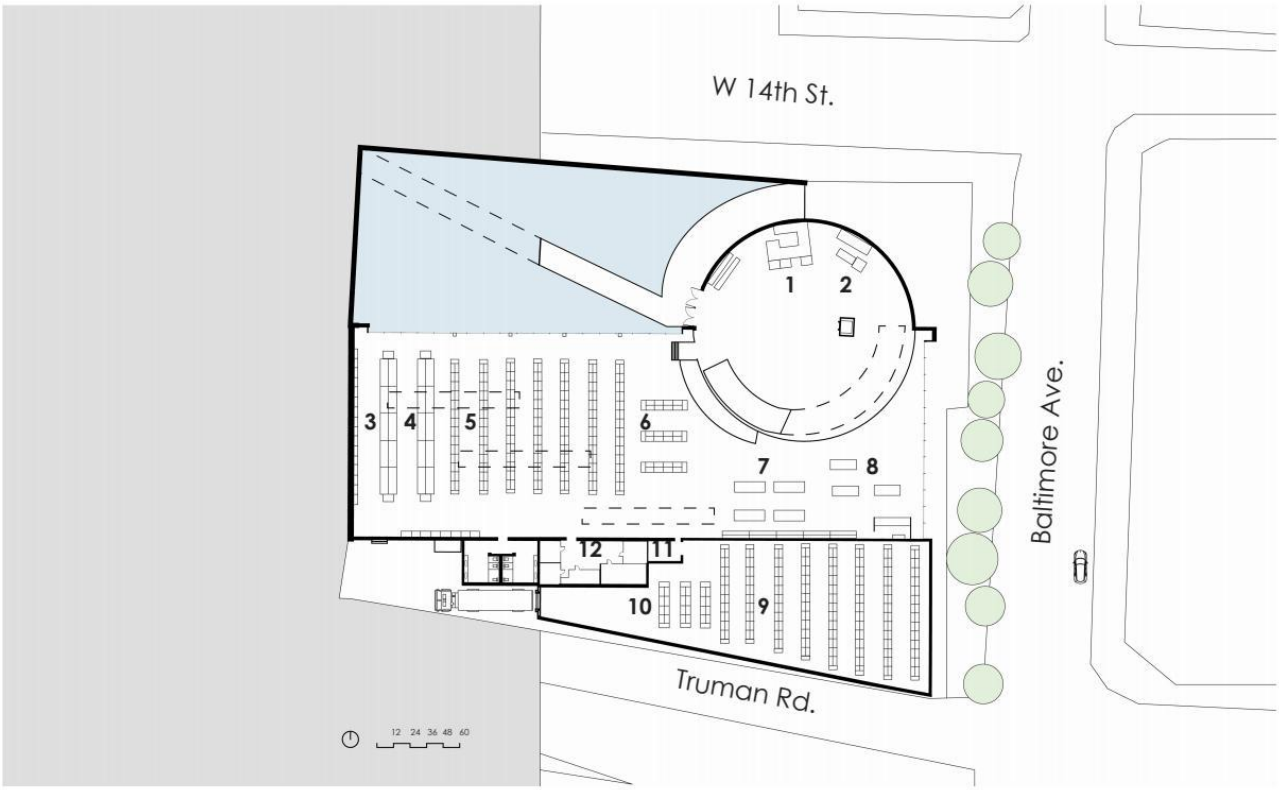
Extrude geometry to create a contrast between interior activities.



Modes of circulation added to evoke emotion prior to entry.

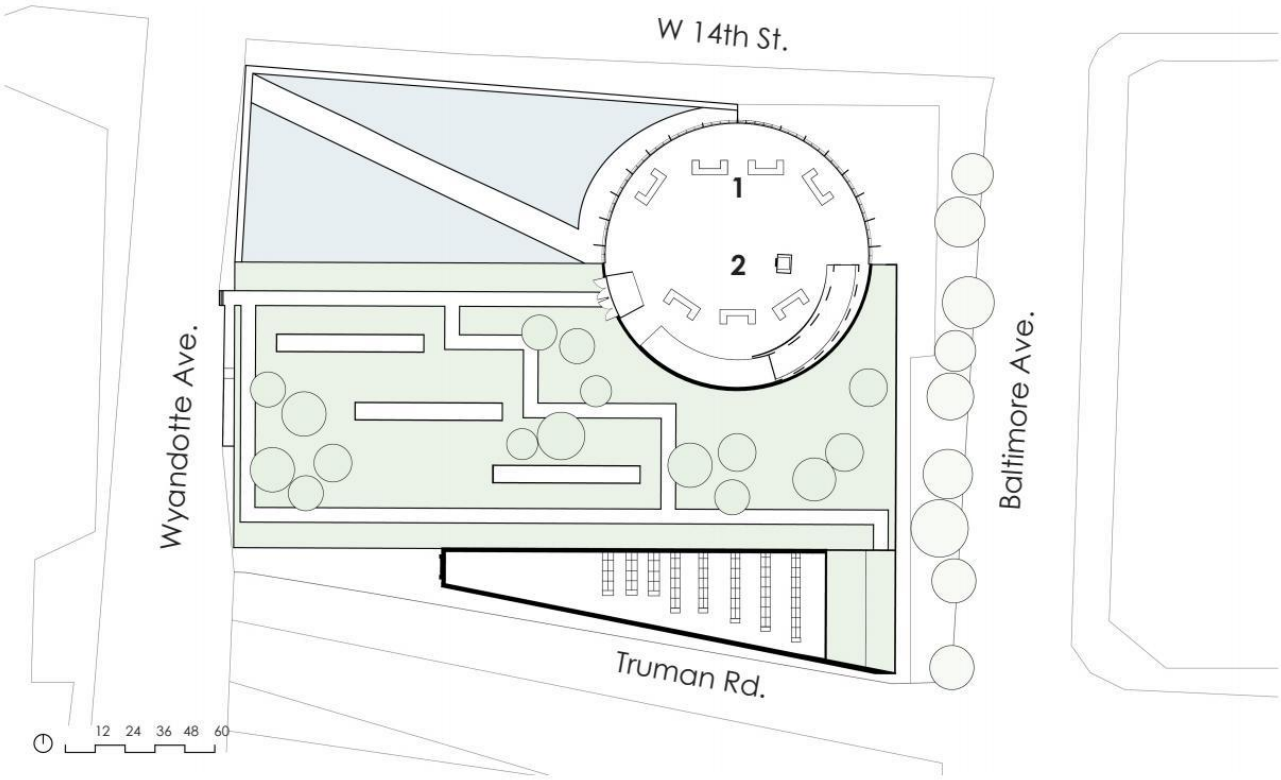
FLOOR PLAN

1. Coffee Bar
2. Bakery
3. Grocery Freezer
4. Coolers
5. Grocery
6. Beer/Wine
7. Produce
8. Deli
9. Microfulfillment
10. Stocking/Loading
11. Customer Service
12. Offices



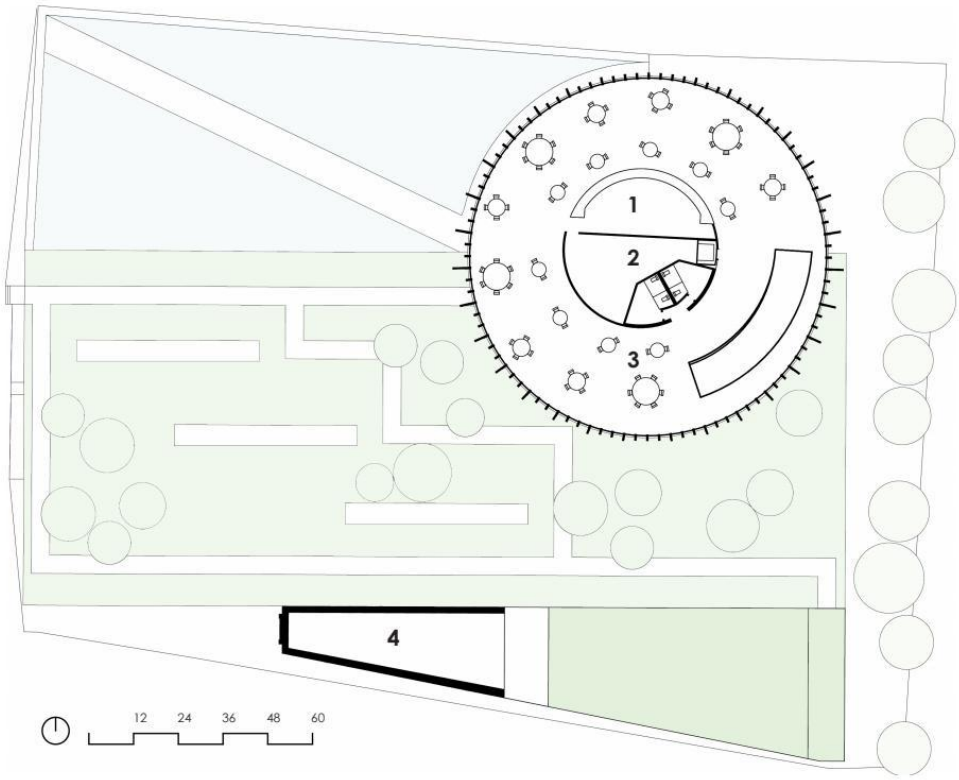
FLOOR PLAN

1. Premium Grocery Kiosks
2. Additional Seating

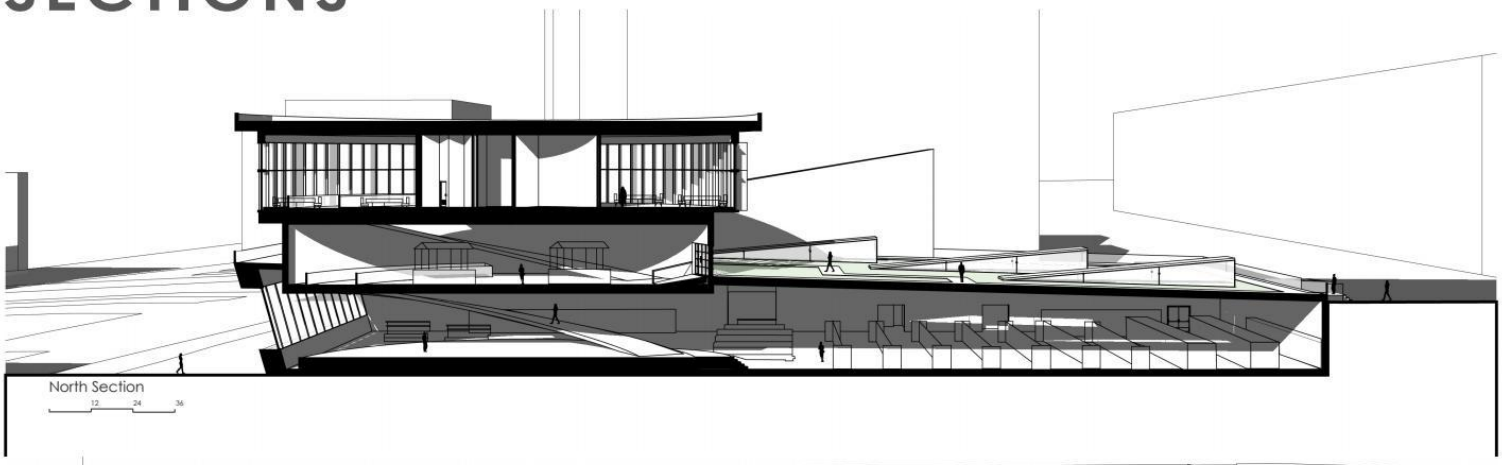


FLOOR PLAN

1. Open Kitchen
2. Additional Kitchen Space
3. Seating
4. Mechanical



SECTIONS



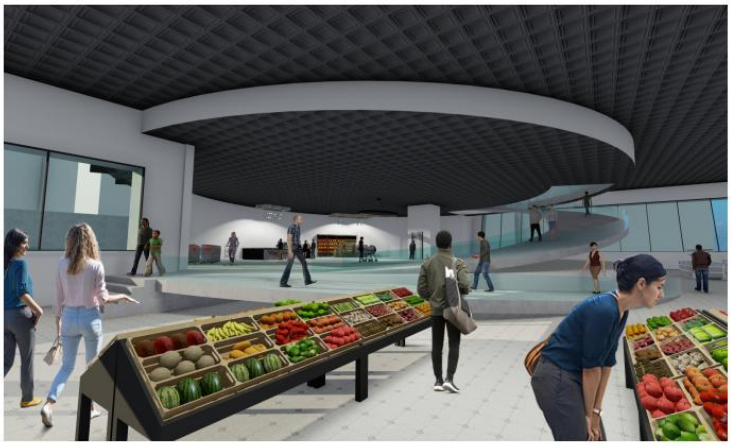
North Section

12 24 36

North East Section

12 24 36

First Floor Grocery



Second Floor Premium Grocery

Third Floor Restaurant

View from Ramp Entry

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