

Site Visit: 400 S Salina St.

An Accumulation of the Semesters Skills

EDI 253: DESIGN PRESENTATION AND TECHNIQUES I

Fall 2025

Trisha Mohta, Clothilde Marcelot, Catalina Pravda, & Maven Kavan



01

Introduction

Catalina Pravda

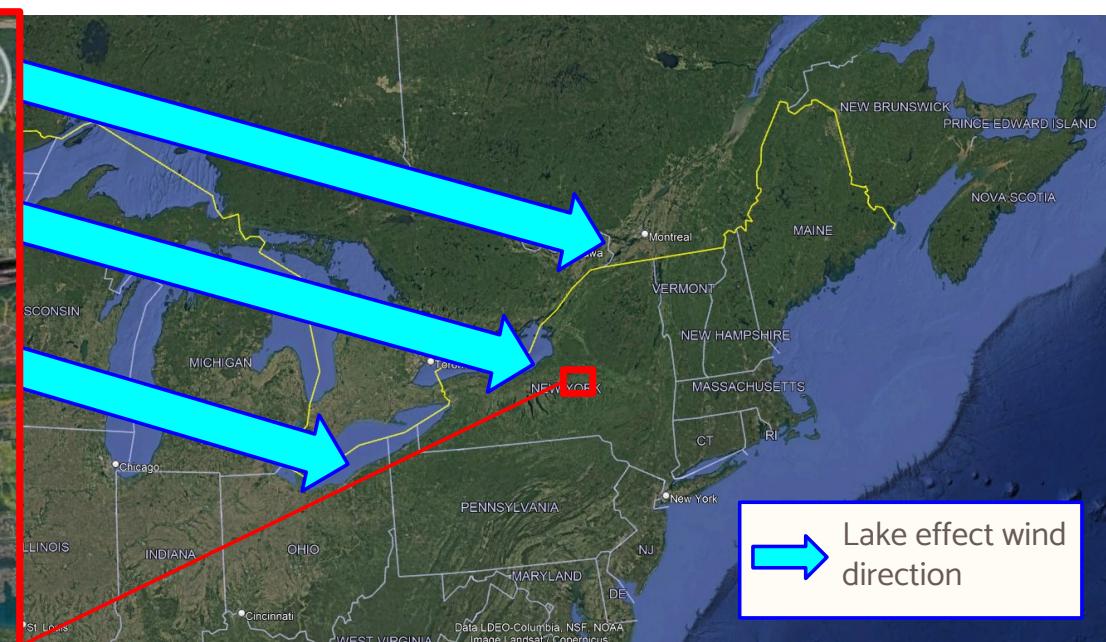
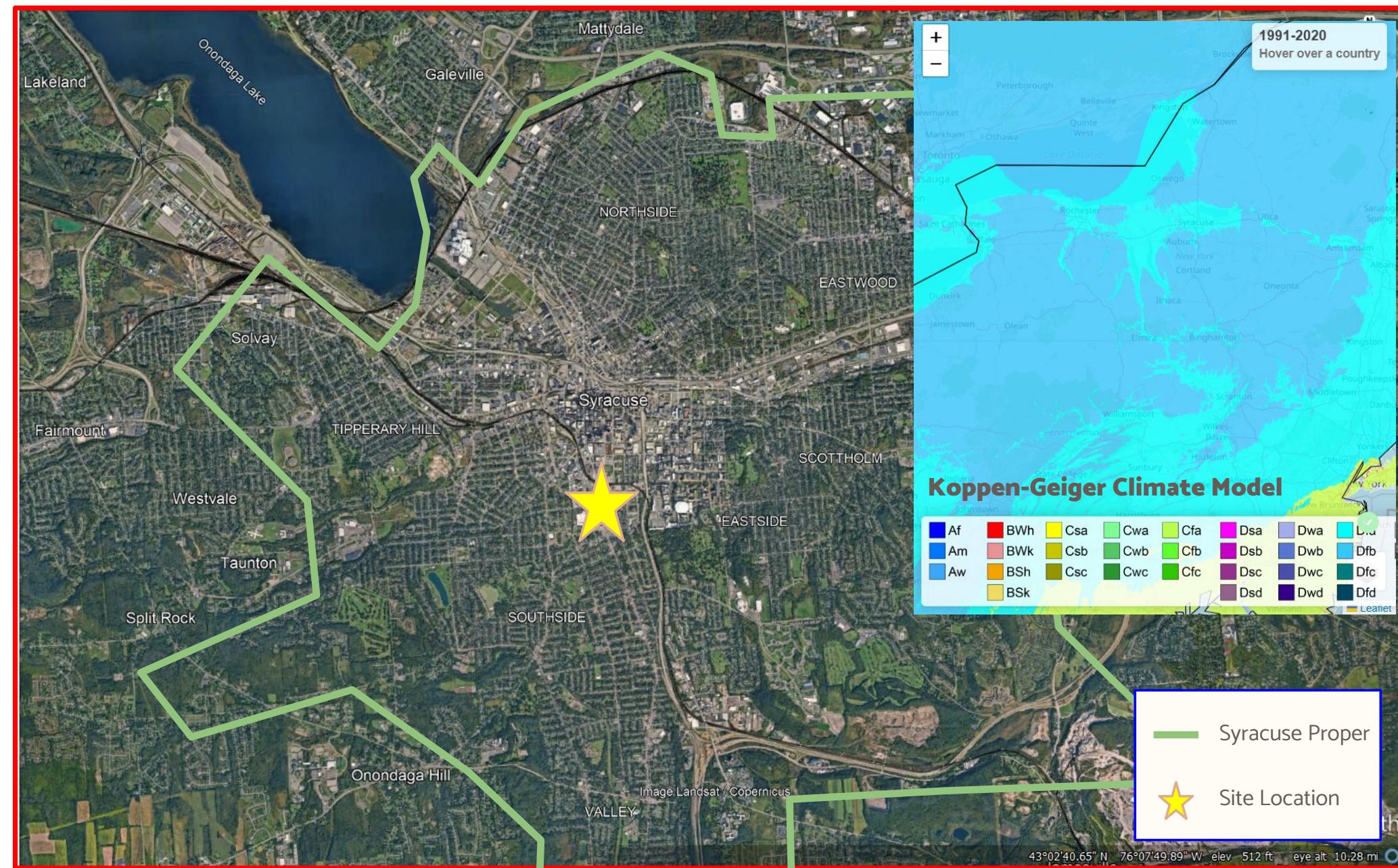
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Location

Meso, Local, and Micro Scales

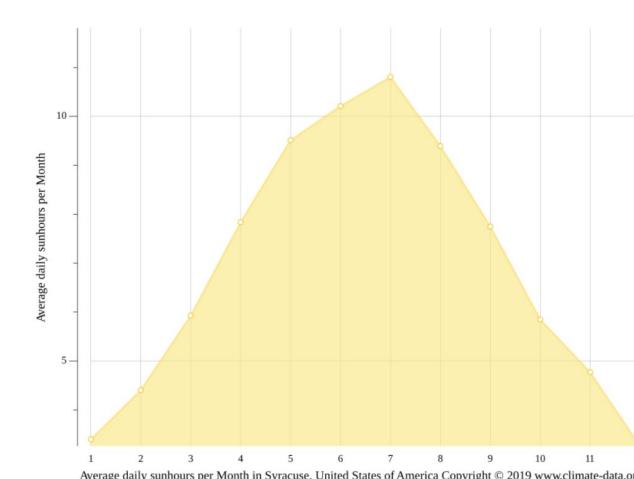
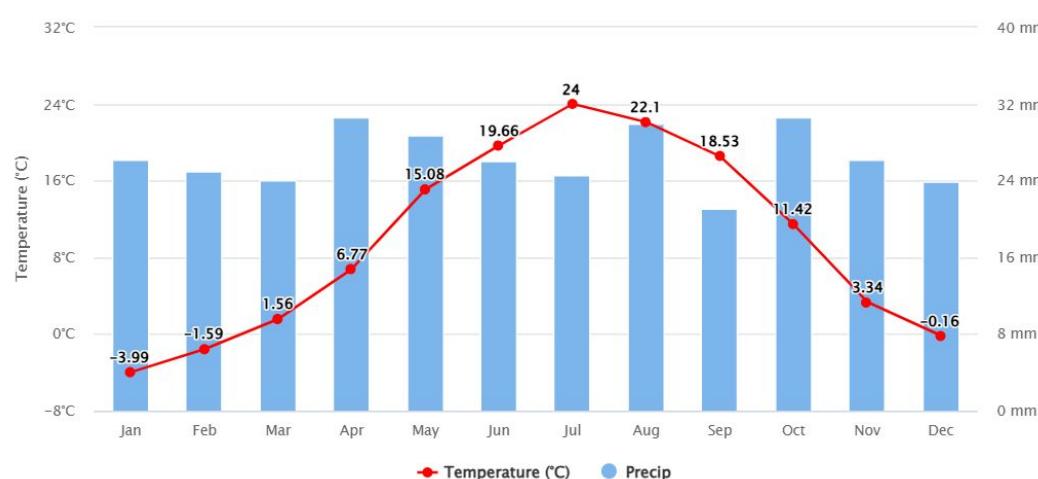
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Meso Scale



Syracuse, NY

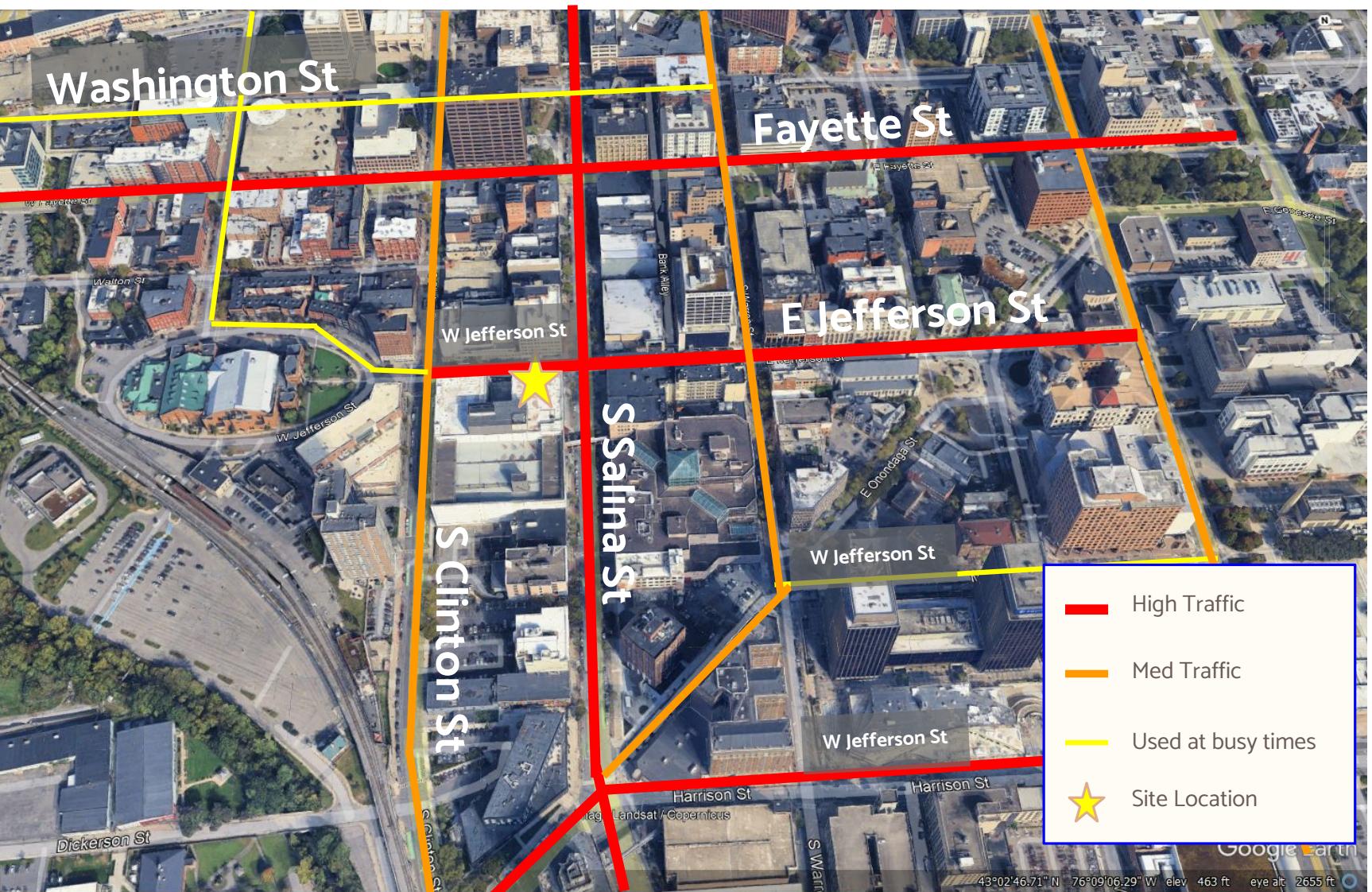
- One of the highest annual snowfall for a city in the US with 115-128 inches annually
 - Lake Effect rain, snow, and wind
 - Dfa climate on Koppen-Geiger Climate model



A horizontal bar chart illustrating monthly temperatures. Each month is listed on the left, followed by a red dot indicating the start of a grey bar, and the corresponding temperature in both Celsius and Fahrenheit on the right. The bars represent the range of temperatures for each month.

Month	Temperature (°C)	Temperature (°F)
July	24.0°C	75.2°F
August	22.1°C	71.78°F
June	19.66°C	67.39°F
September	18.53°C	65.35°F
May	15.08°C	59.14°F
October	11.42°C	52.56°F
April	6.77°C	44.19°F
November	3.34°C	38.01°F
March	1.56°C	34.81°F
December	-0.16°C	31.71°F
February	-1.59°C	29.14°F
January	-3.99°C	24.82°F

Local Scale



TRAFFIC COUNTS	
S. Salina Street @ E. Jefferson St.	11,451 AADT
W. Jefferson Street @ S. Clinton Street	3,839 AADT
S. Clinton Street	3,072 AADT

SOURCE: COSTAR Report 2024 (counts taken 2022)

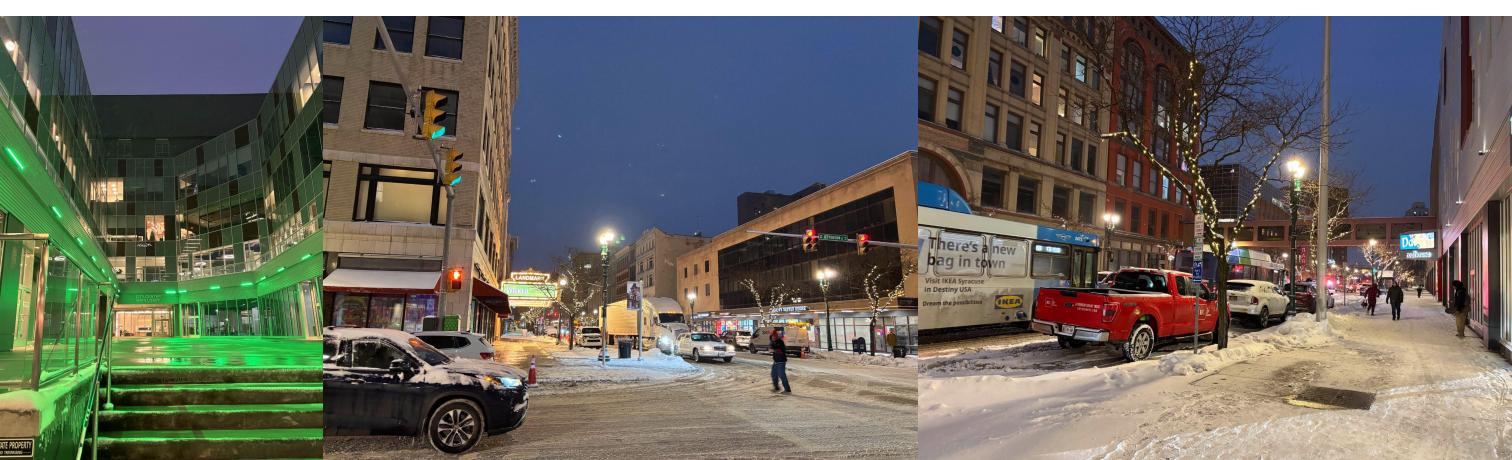
Motor Vehicle Traffic Circulation Paths

- Heavy intercity traffic on Salina St (7-8am and 4-530pm), Adams St (12-130pm and 4-530pm), and Harrison St (7-8am and 12-130pm)
- Clinton St, Warren St, Fayette St, Washington Street, and State St carry traffic steadily through the day
- Madison St and Franklin St are used as through streets or detours during busy times on Salina

Daytime Conditions



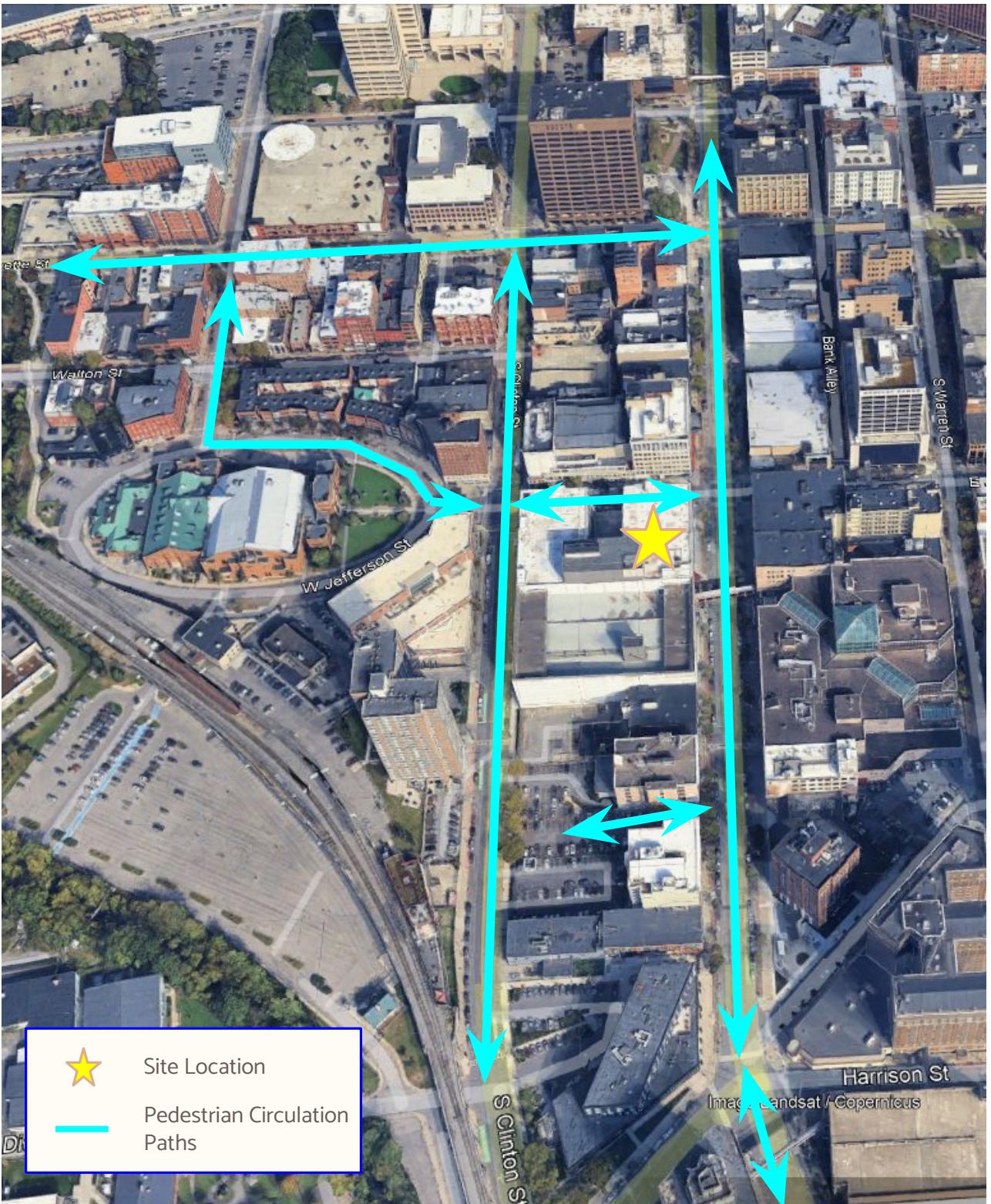
Nighttime Conditions



Local Scale

WALK SCORE ®	BIKE SCORE ®
Walker's Paradise (91)	Very Bikeable (77)

SOURCE: COSTAR Report 2024

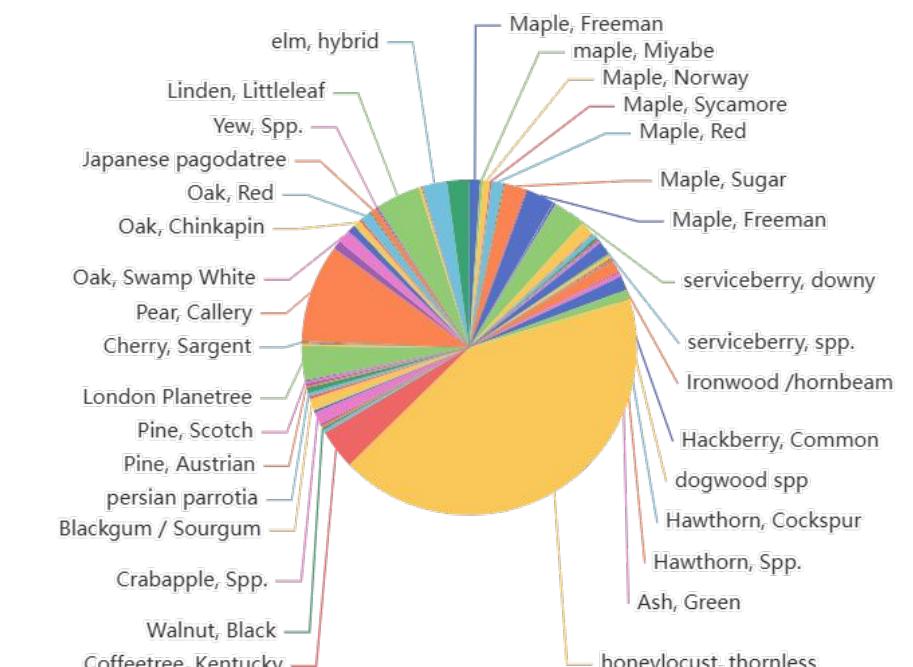
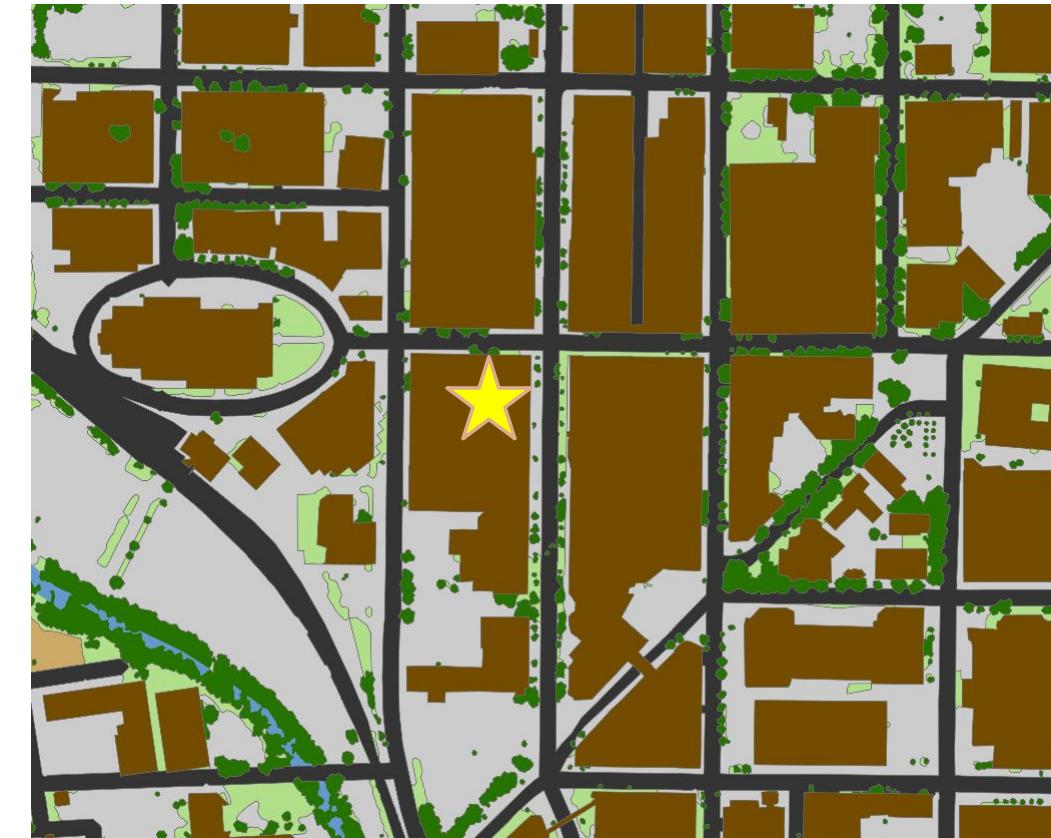


< Pedestrian Flow

Most observed pedestrians used these paths to move between parking lots, bus stops and buildings

Vegetation >

Pollination happens for most of the year with many different species of trees, pollinating anywhere from Jan to late July with fe outliers to late August. Most trees overlap pollinating from Feb - late March.

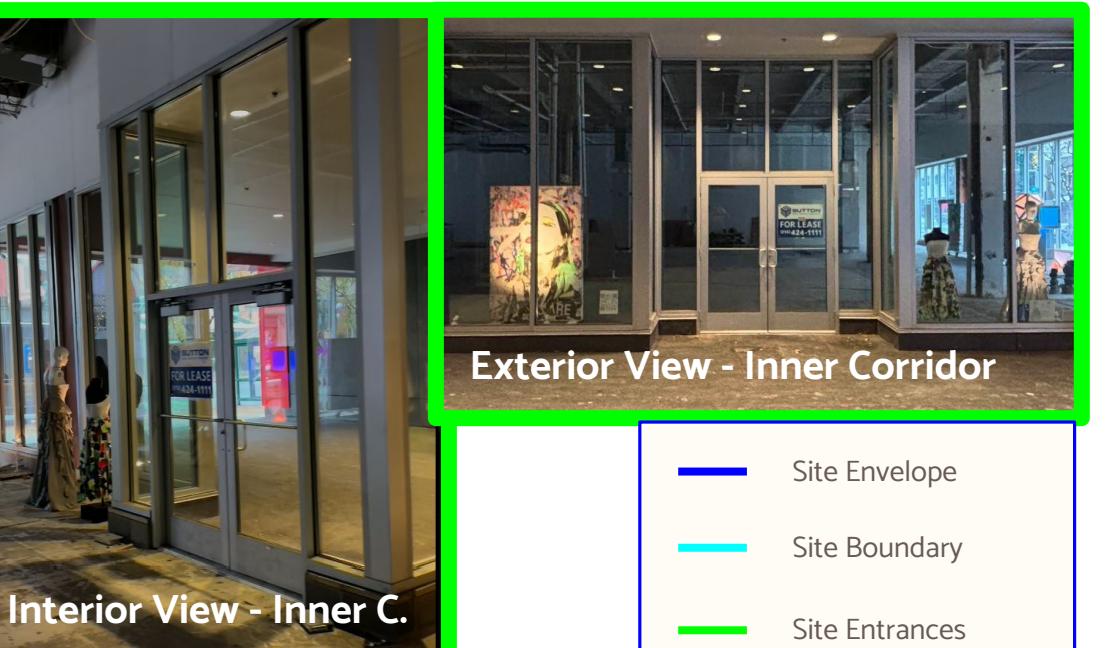
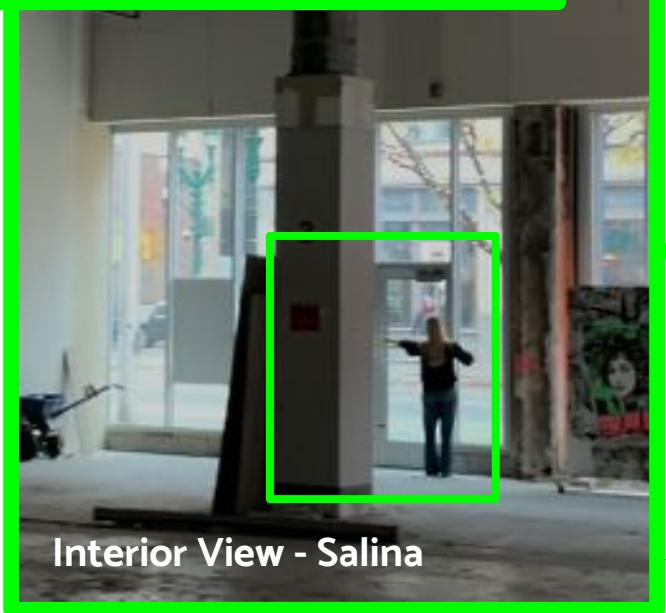
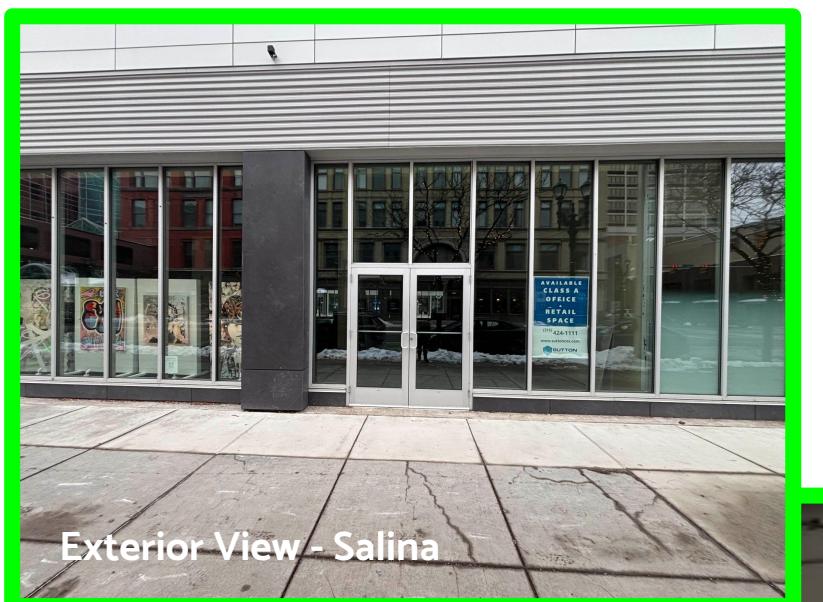


DEMOGRAPHICS

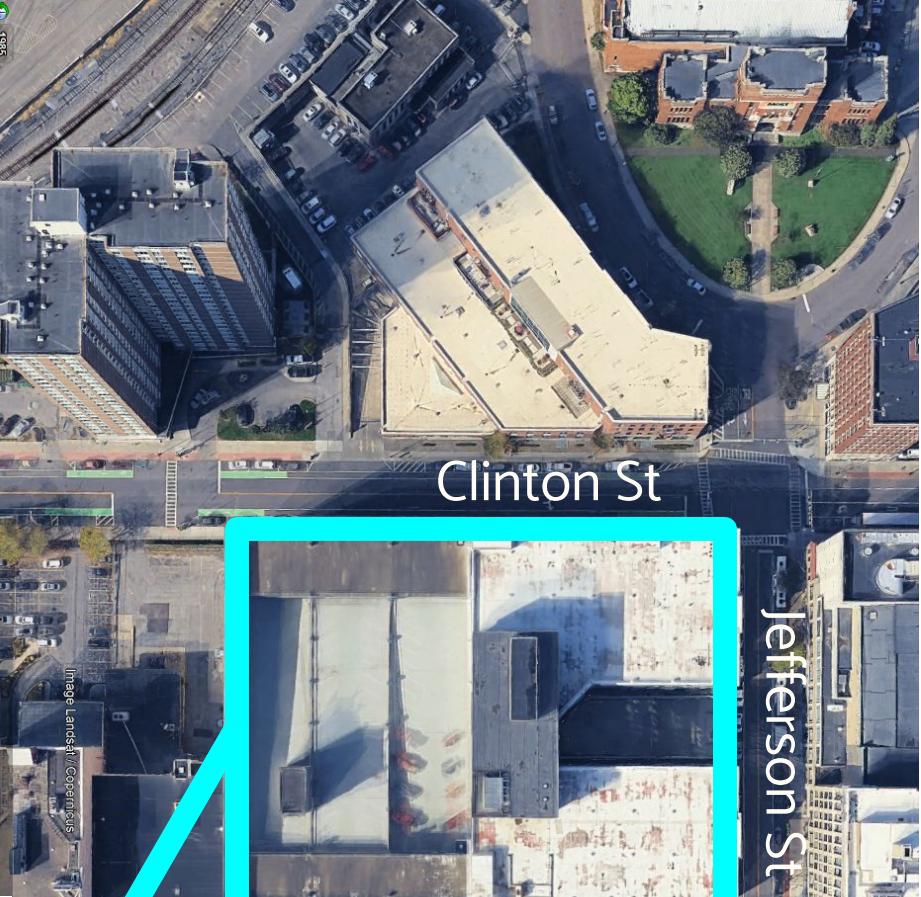
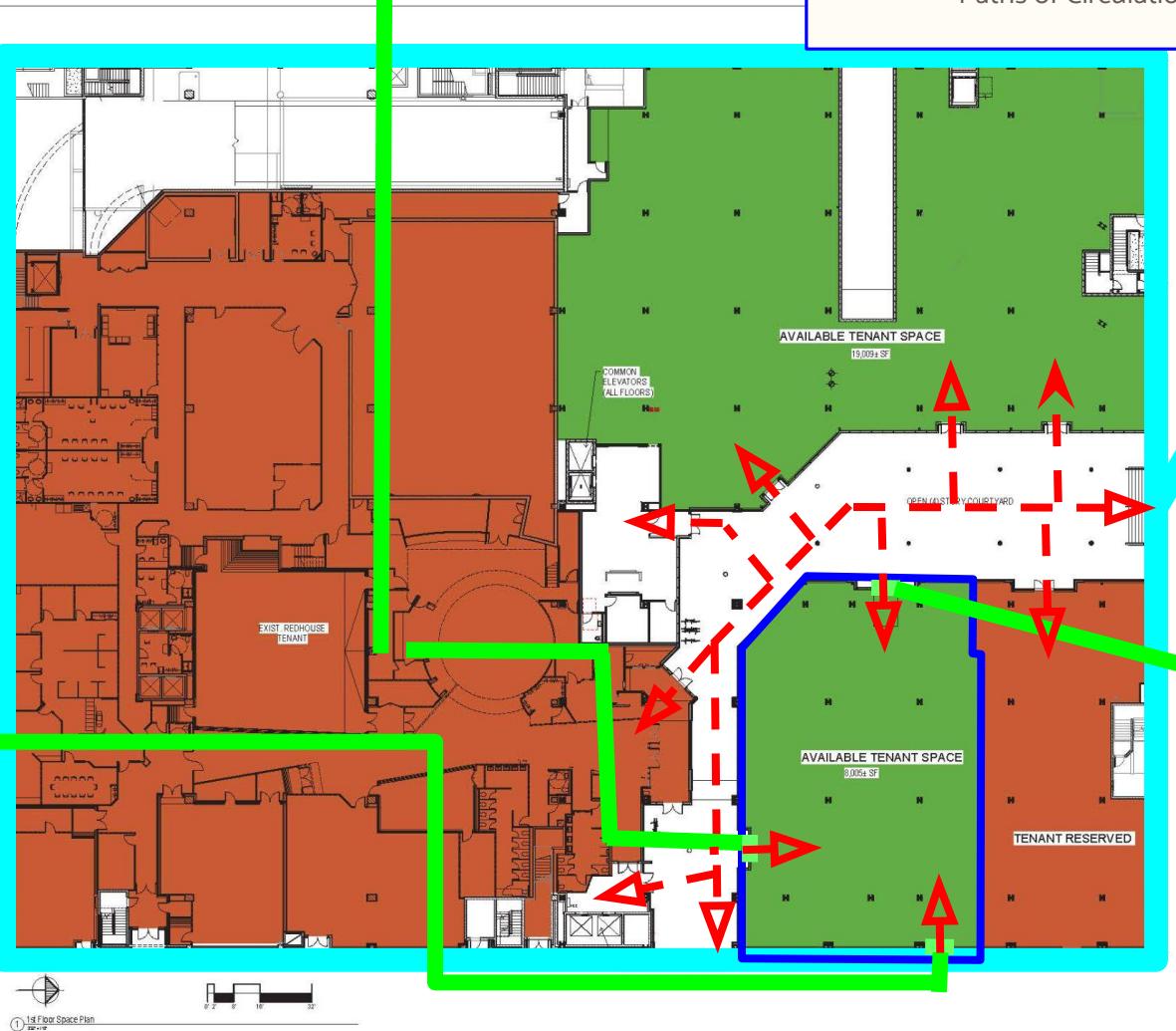
By Radius	1 Mile	3 Mile
Population	24,246	148,479
Households	11,692	59,745
Businesses	6,159	10,447
Daytime Employees	74,285	129,862

SOURCE: COSTAR Report 2024

Micro Scale



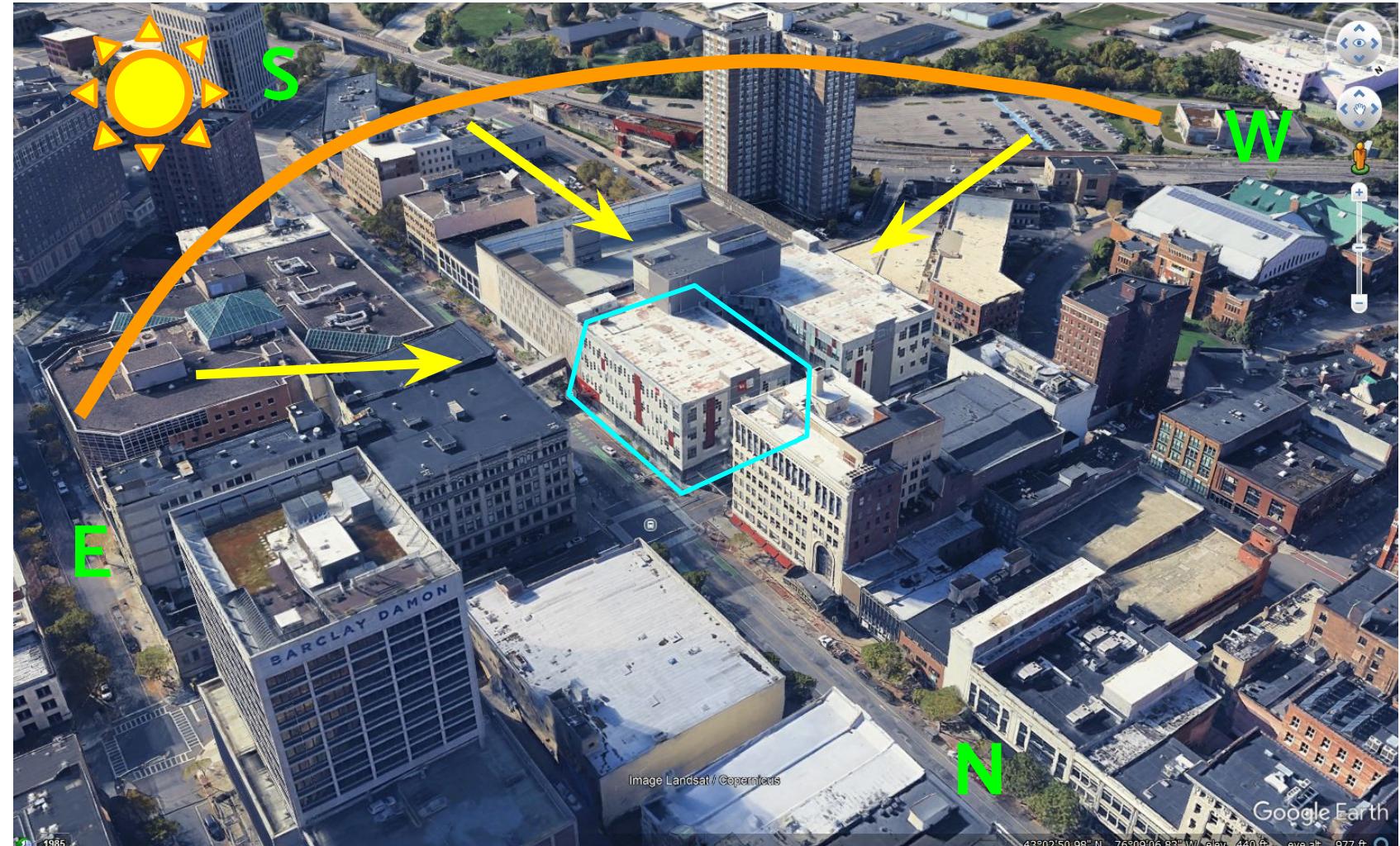
- Site Envelope
- Site Boundary
- Site Entrances
- - Paths of Circulation



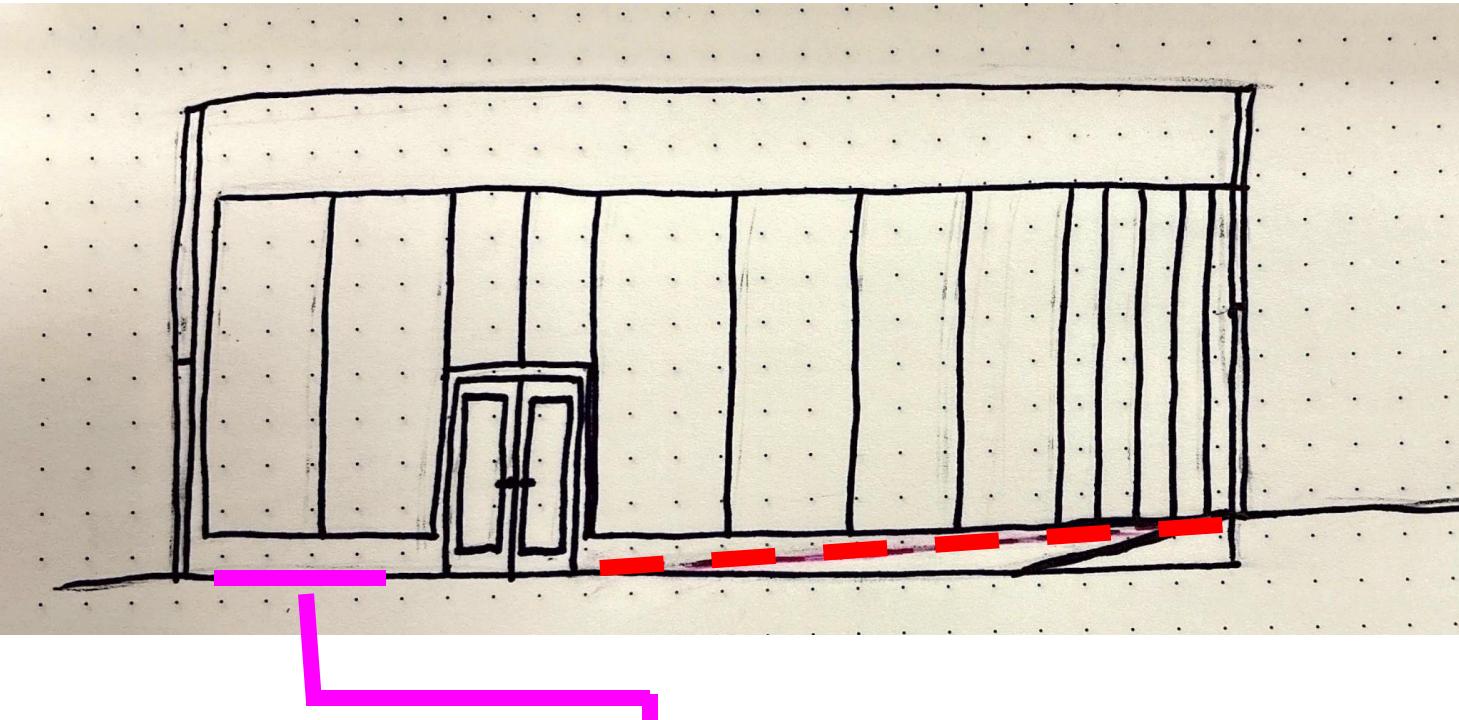
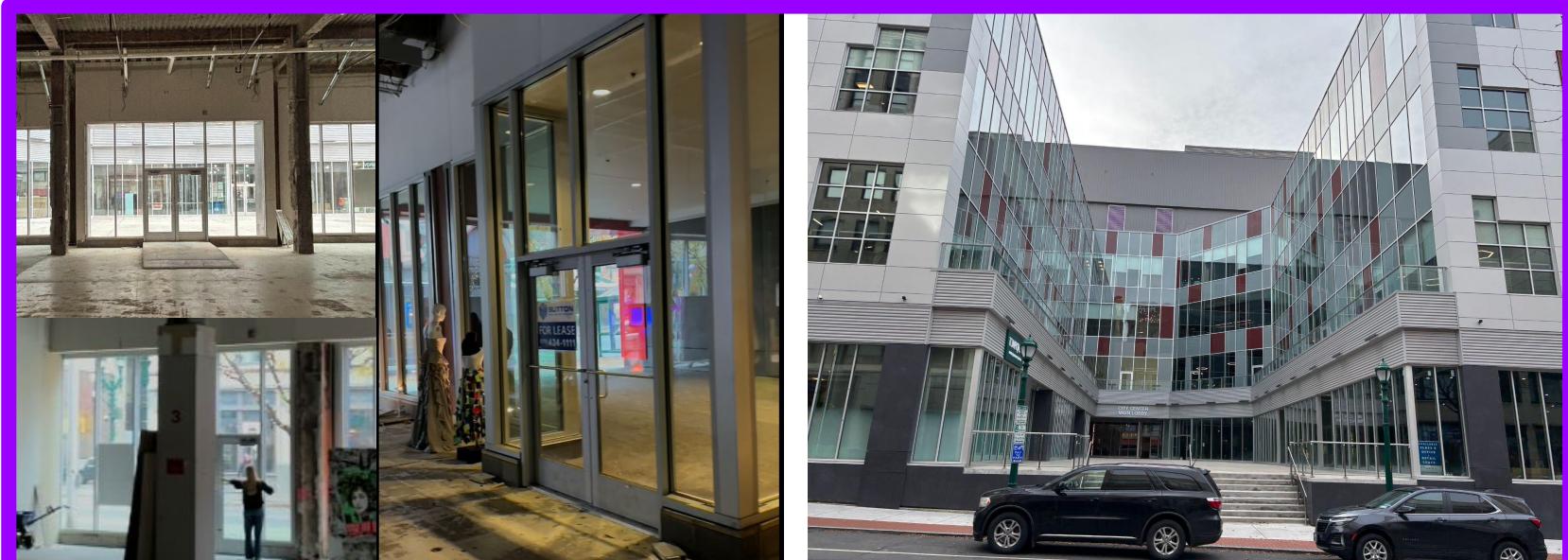
Micro Scale

Shade Impact

Slopes, drainage, and Environmental Transitions



Interiors heavily shaded. Exterior gets bright direct and indirect light.



Micro Scale

Exterior Surface Materials



All siding panels are different metals. Glass, metal frames, and a slate like stone encase the first floor.



Interior Surface Materials



Poured concrete, drywall, steel support columns and beams, glass windows with metal framing, and sprayed cement.



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Legal & Authorities

Zoning Regulations, Easements, Building Restrictions, etc.

Catalina Pravda

04

Site History & Significance

Historical and Cultural Findings

Catalina Pravda



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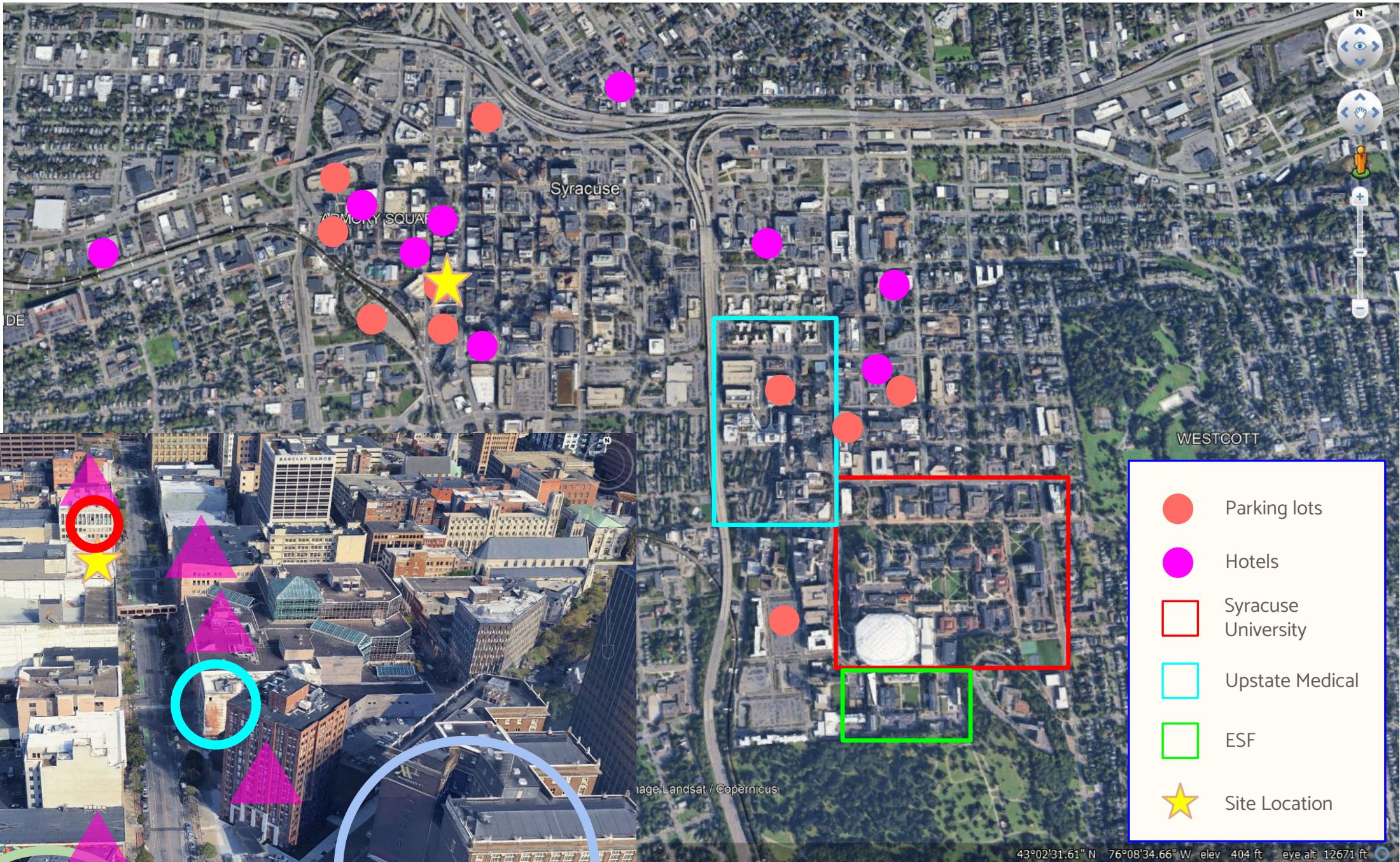
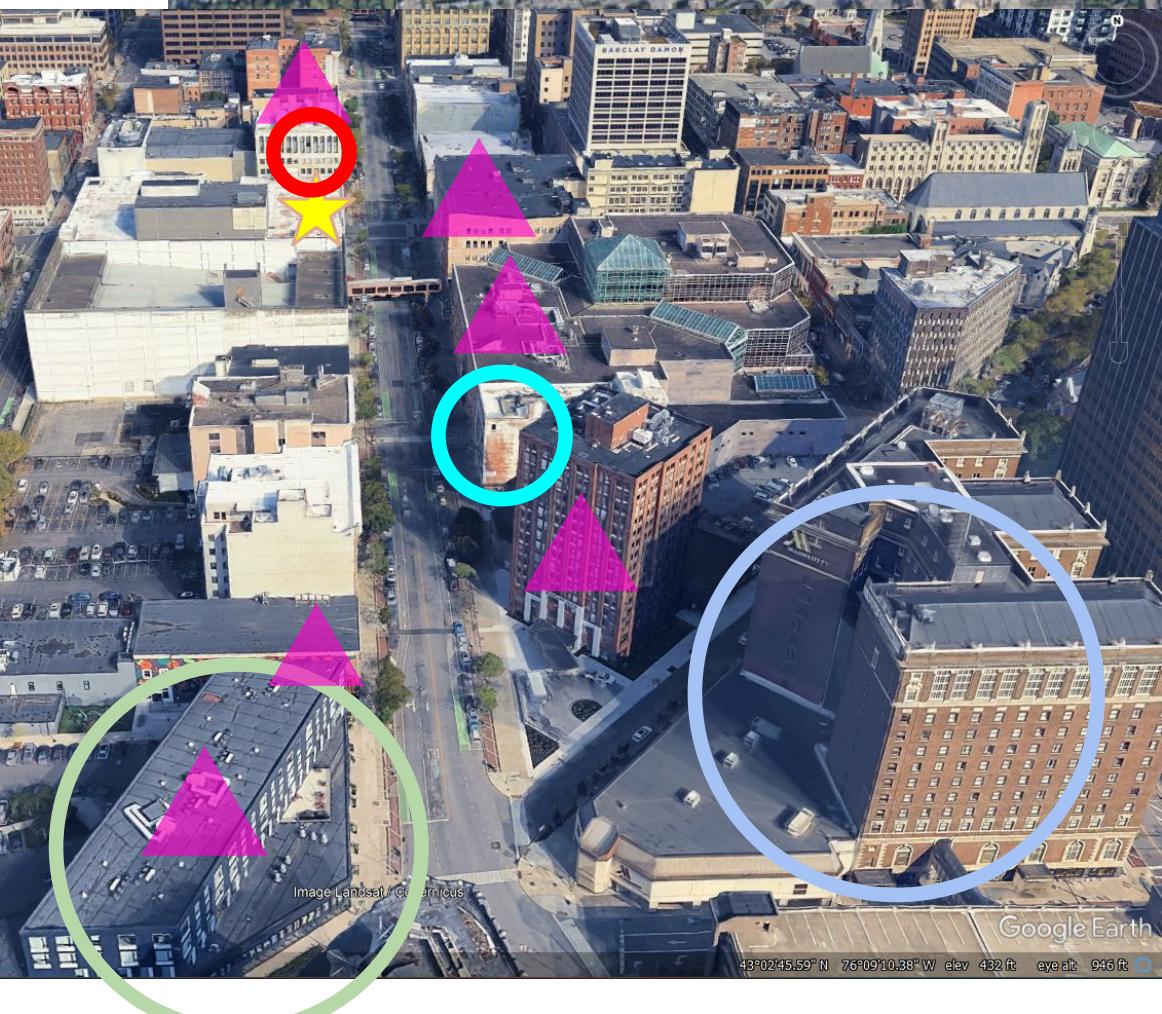
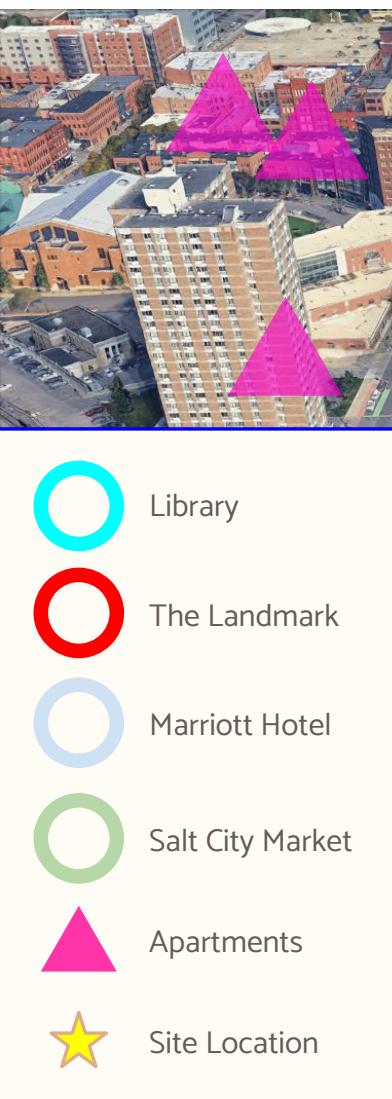
Neighborhood Context

Building Technologies + Nearby Activities

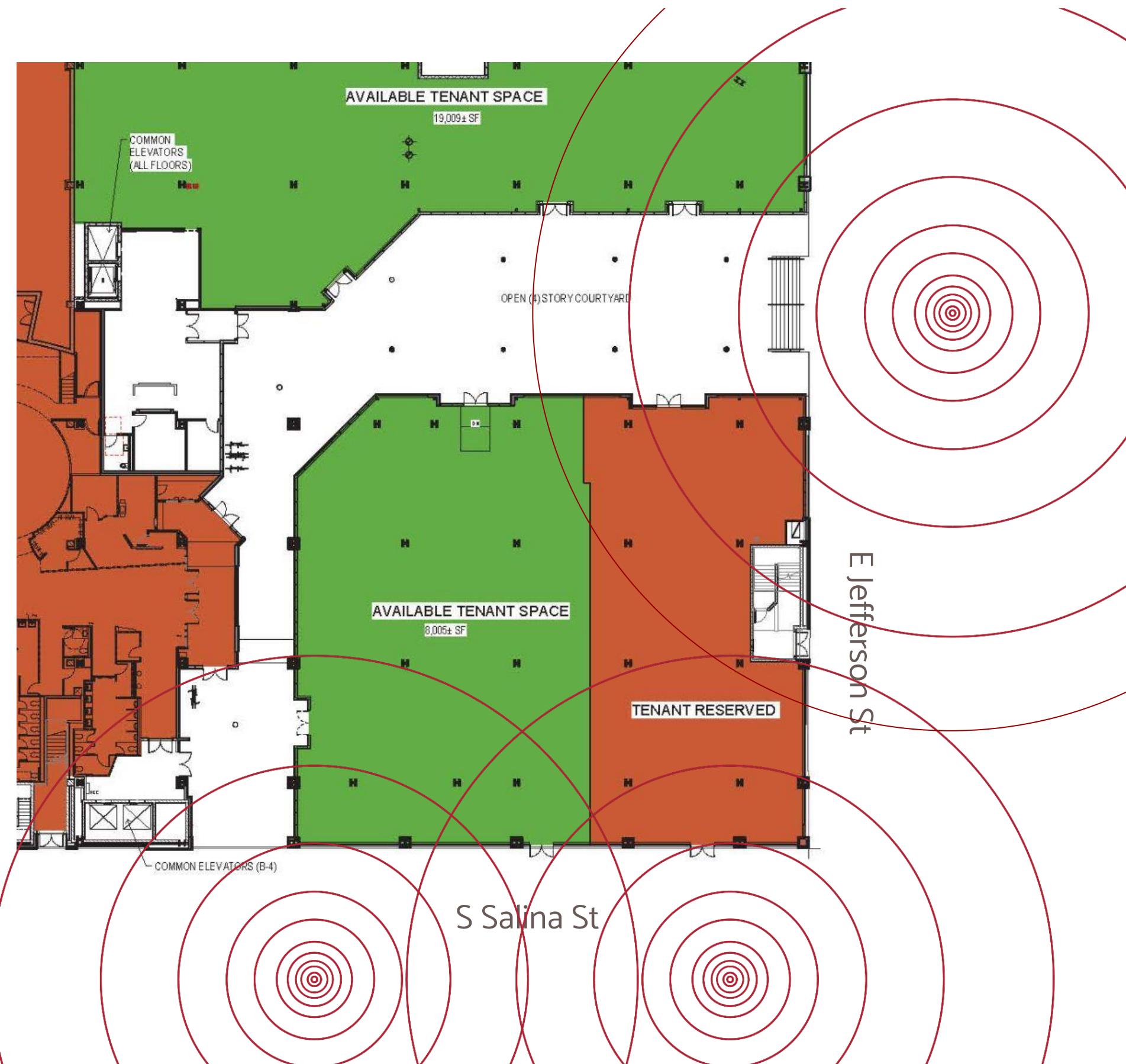
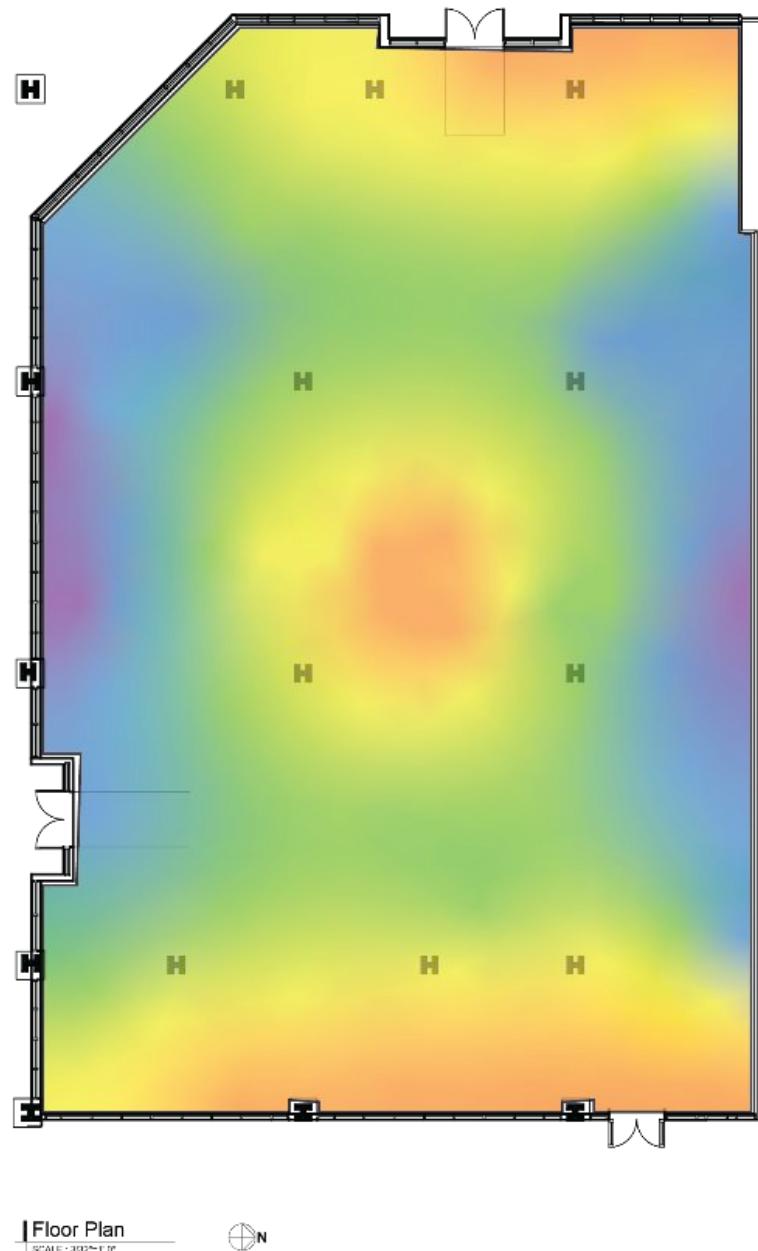
Maven Kavan

Nearby Activities

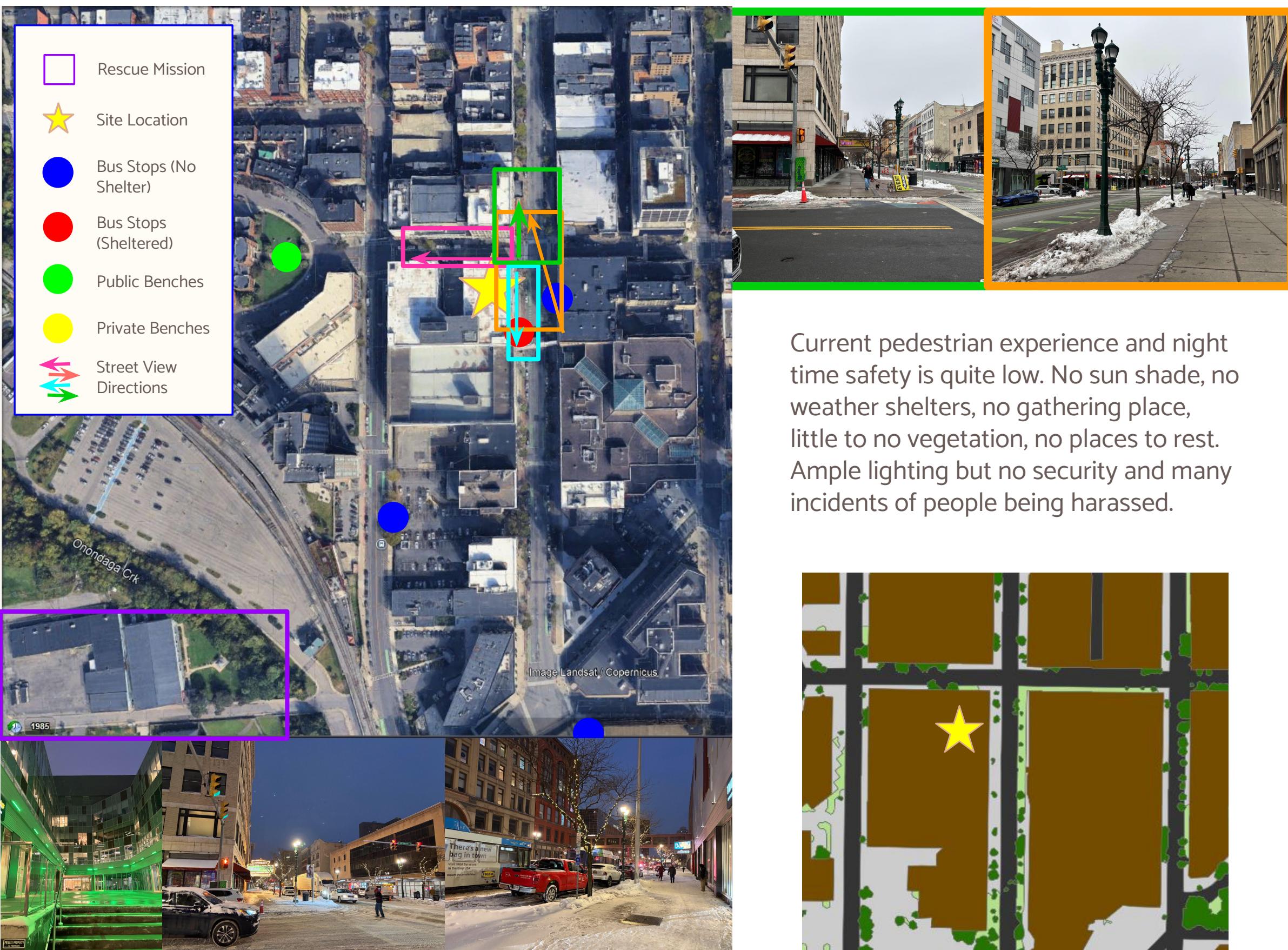
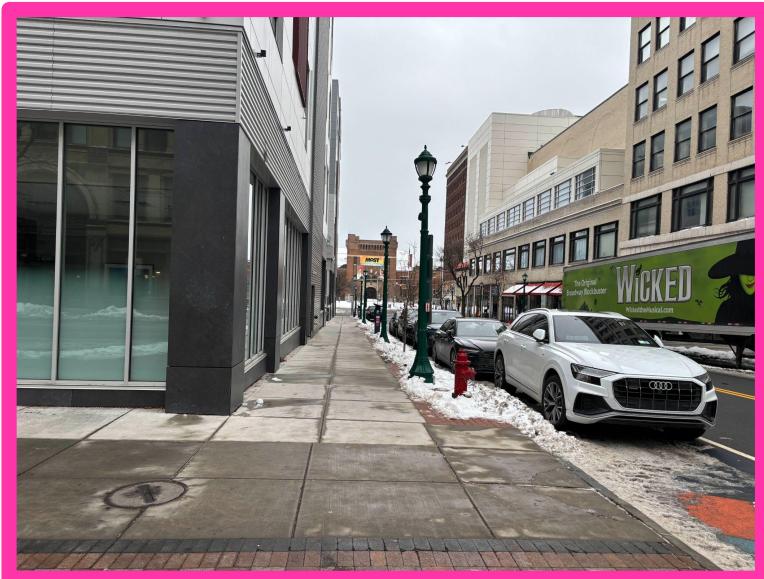
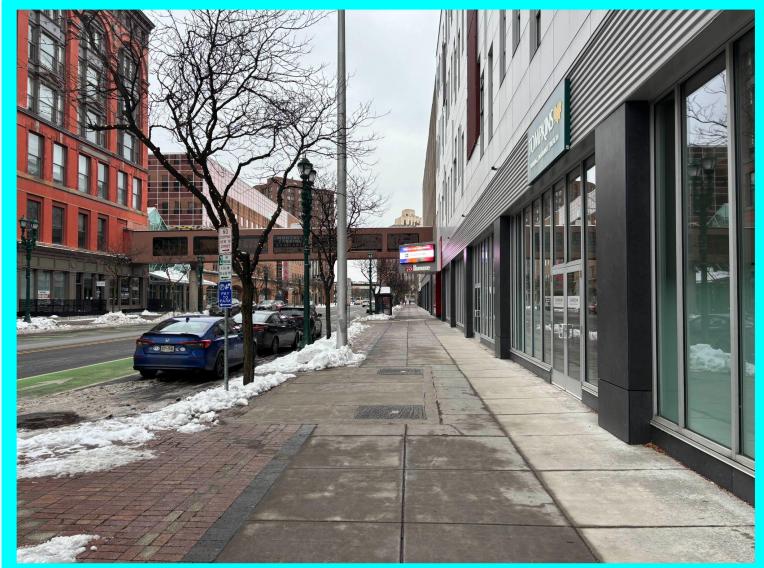
- Many universities in the area
- Hotels concentrated downtown
- Parking Garage located beneath site
- Landmark Theater across the street
- Museums such as the Most and Everson
- Centro Central Bus Station
- Red House and the public library



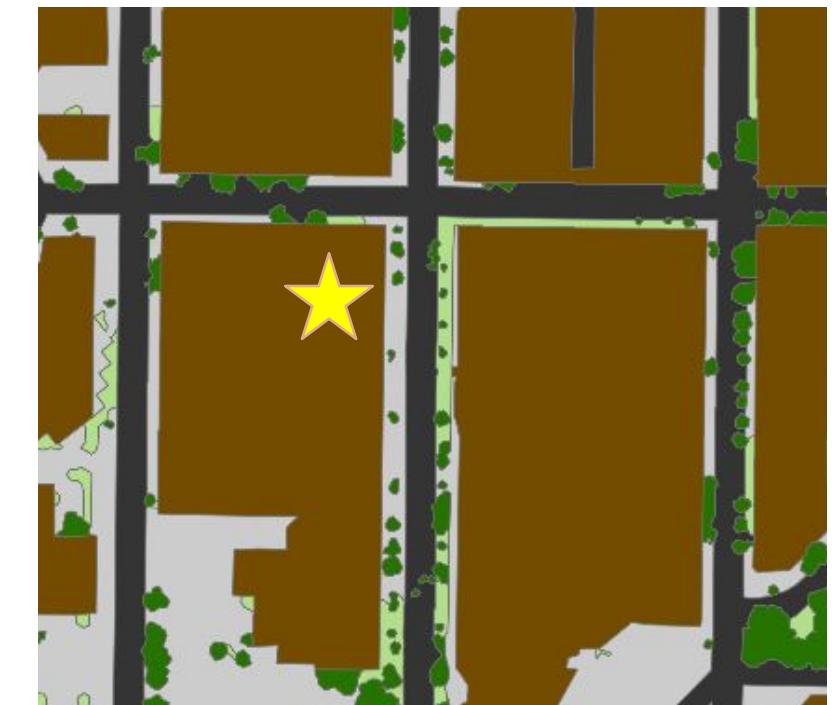
Thermal & Acoustic Comfort



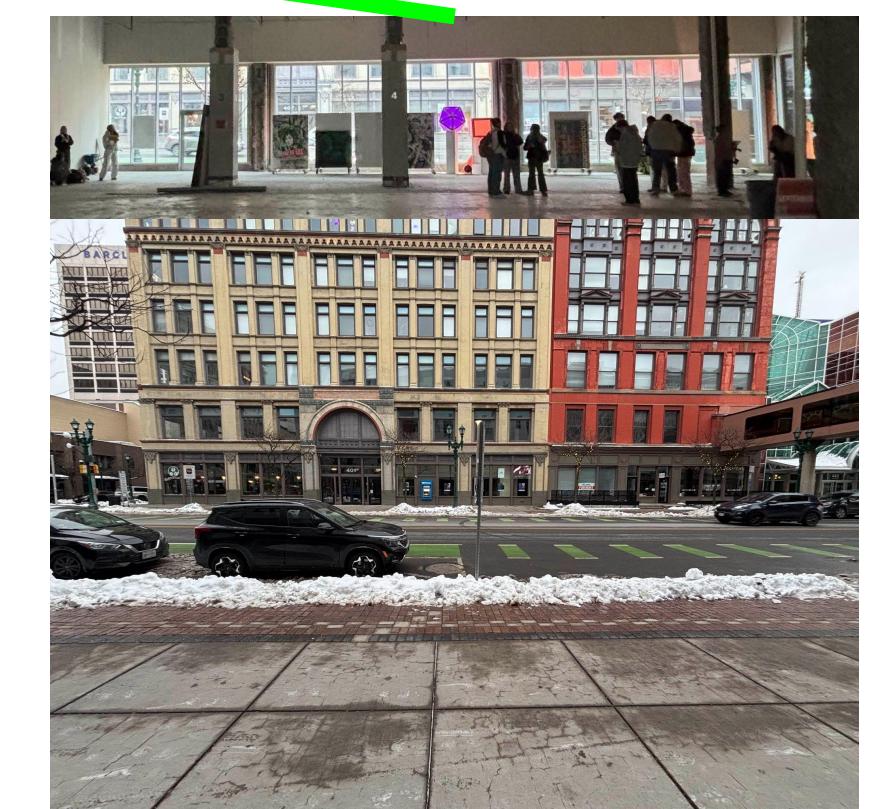
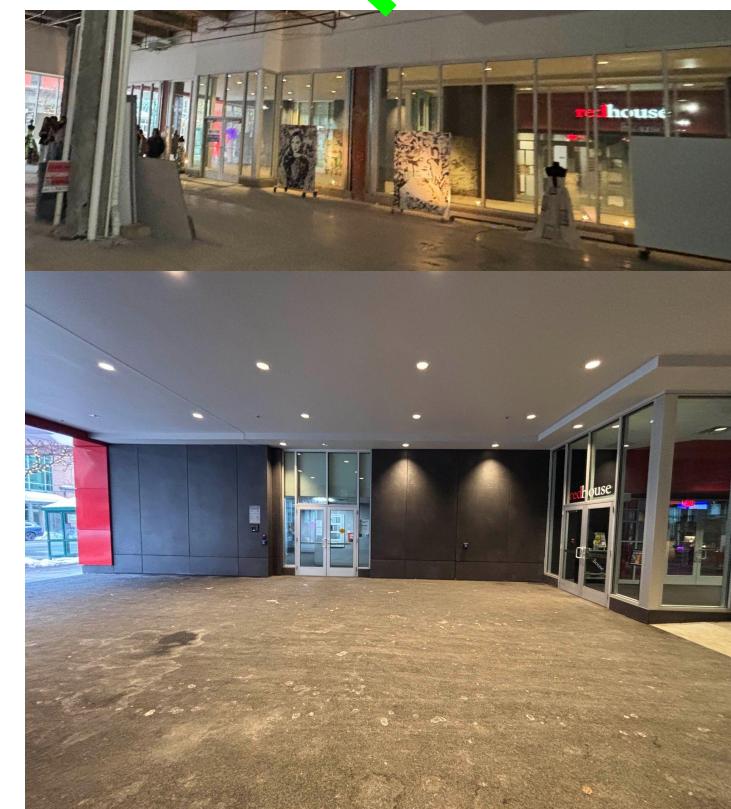
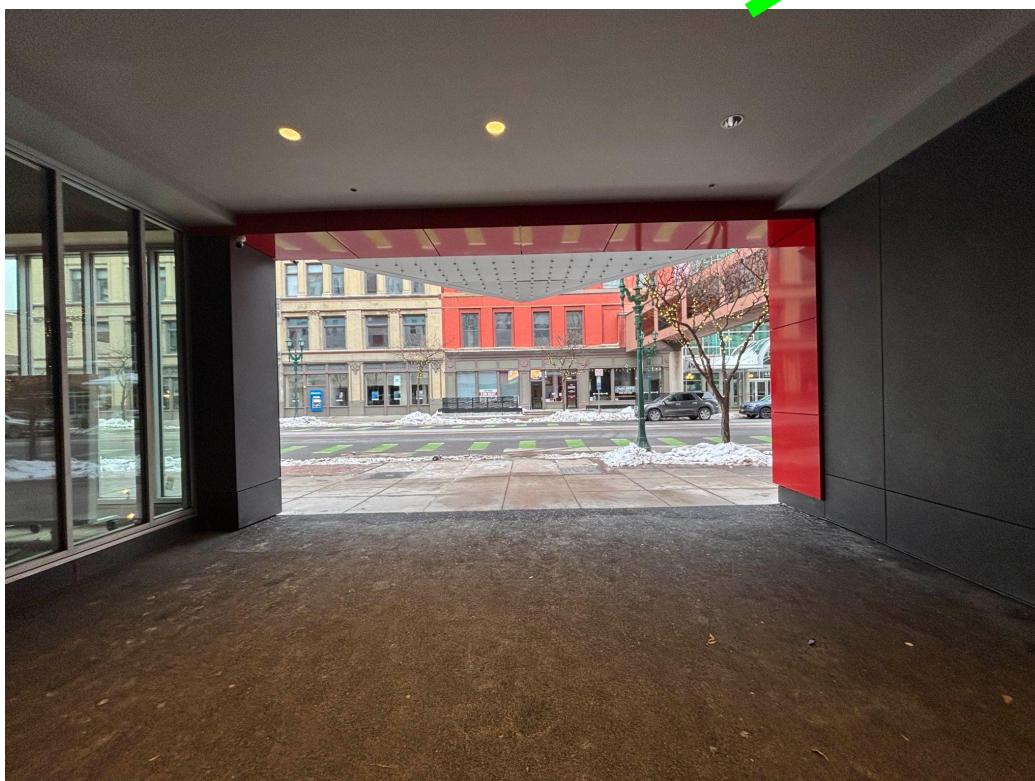
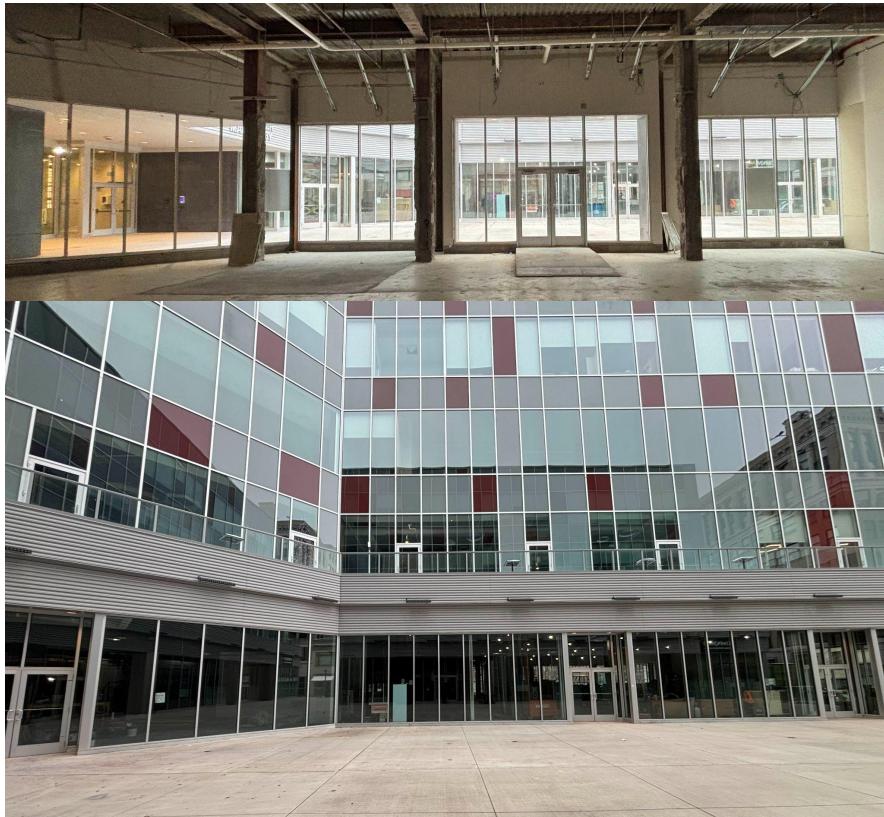
Nighttime Safety & Pedestrian Experience



Current pedestrian experience and night time safety is quite low. No sun shade, no weather shelters, no gathering place, little to no vegetation, no places to rest. Ample lighting but no security and many incidents of people being harassed.



Privacy, View Quality, & Spatial Experience



Little to no privacy from exterior as all outside paths are public ways. Overall view quality is quite poor other than the historic building facades.

Spatial experience is low as there is no interactivity, places to rest or eat, or anything to currently experience within the site boundaries.

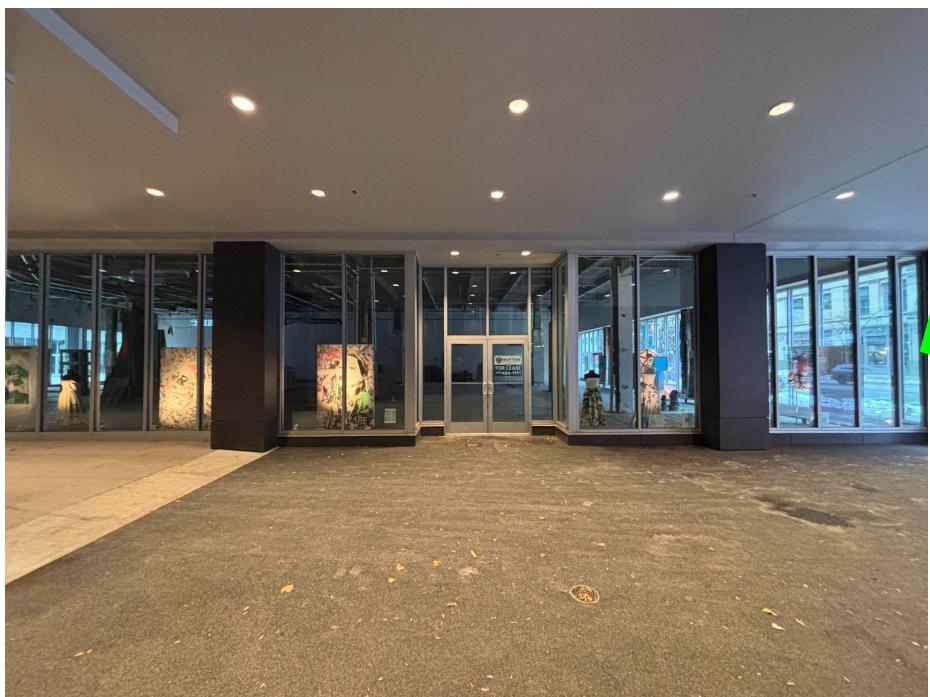
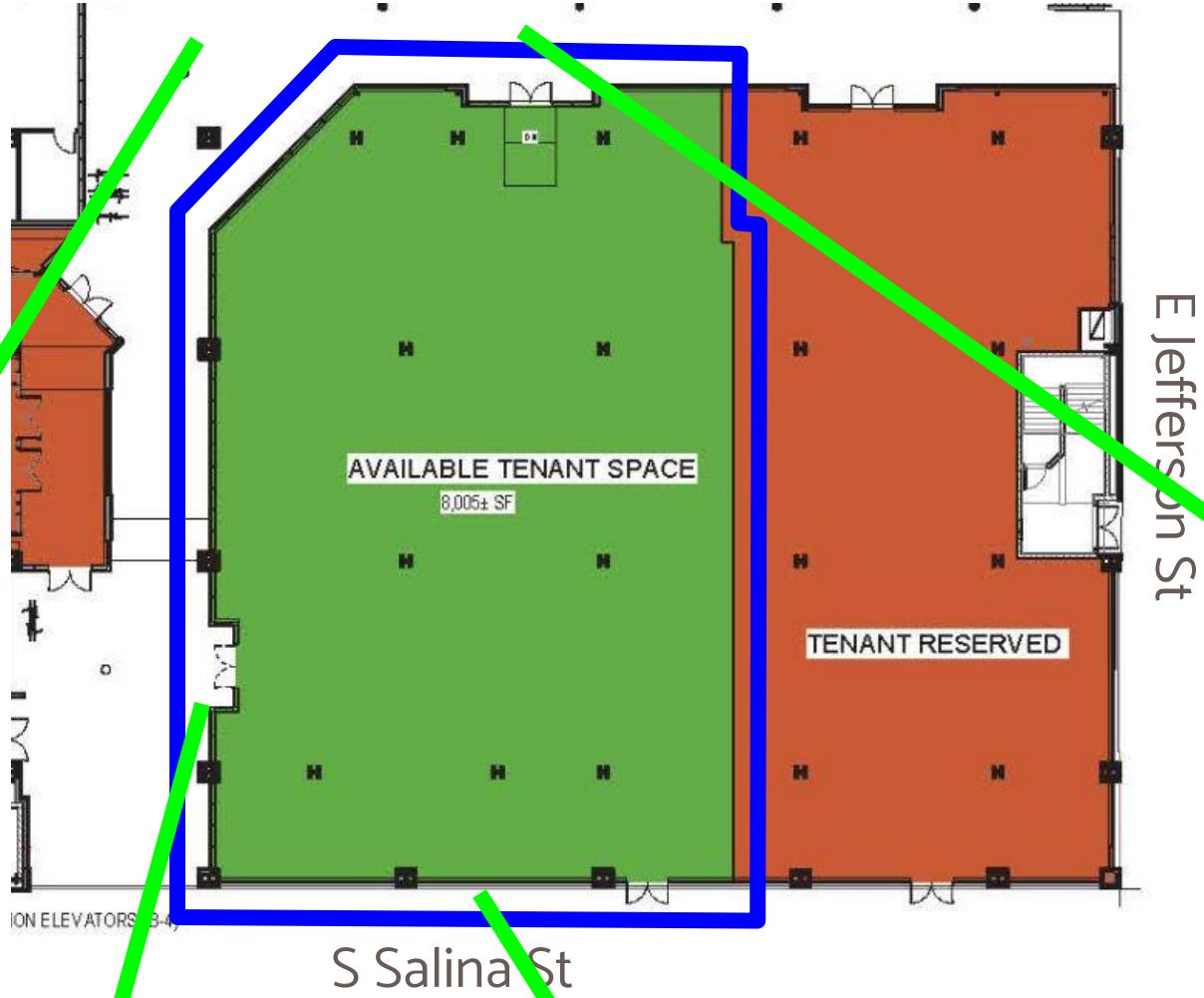
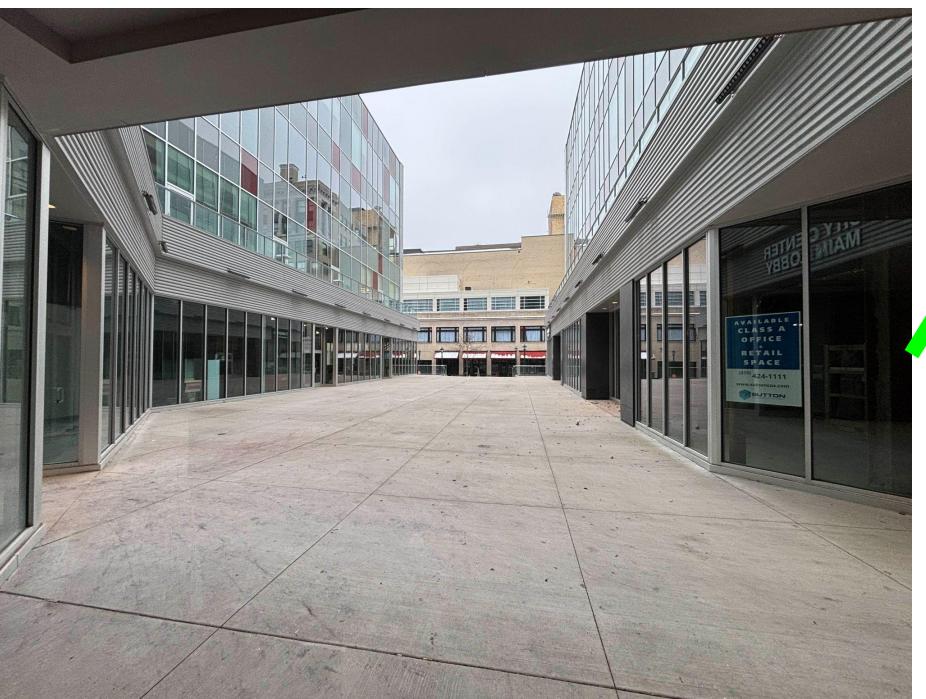
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Existing Conditions

Key Photographs and Views

Maven Kavan

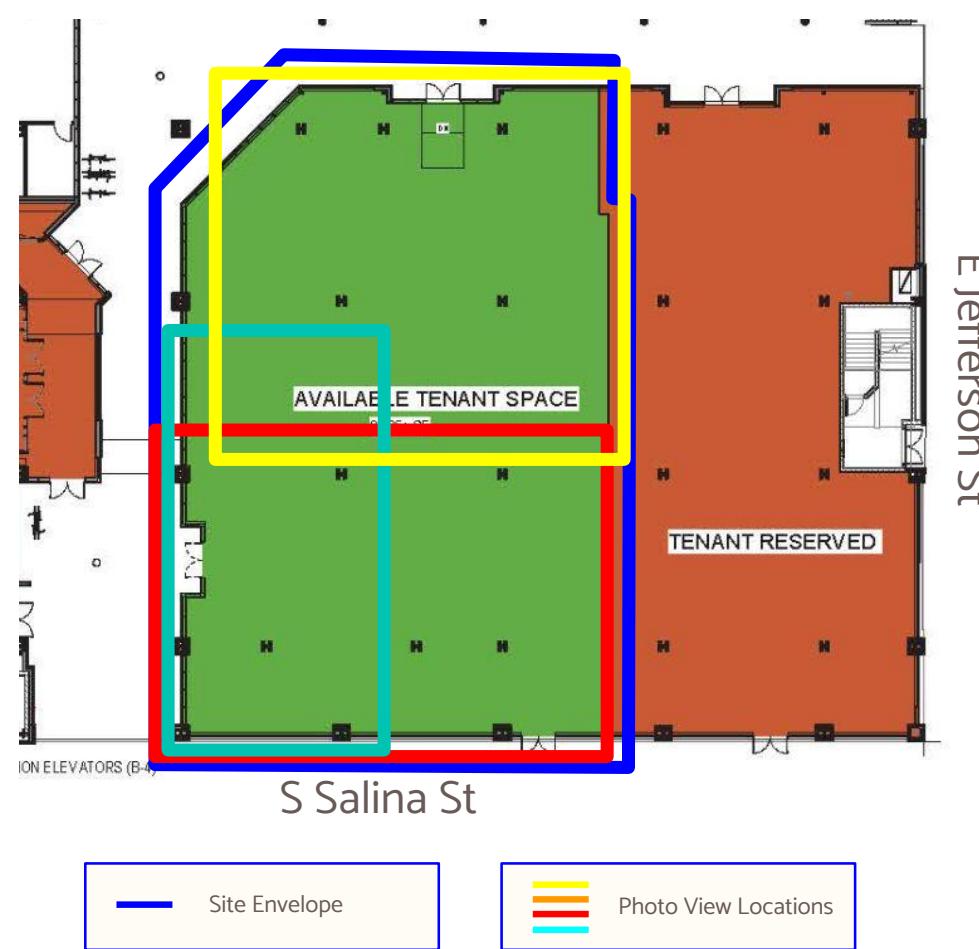
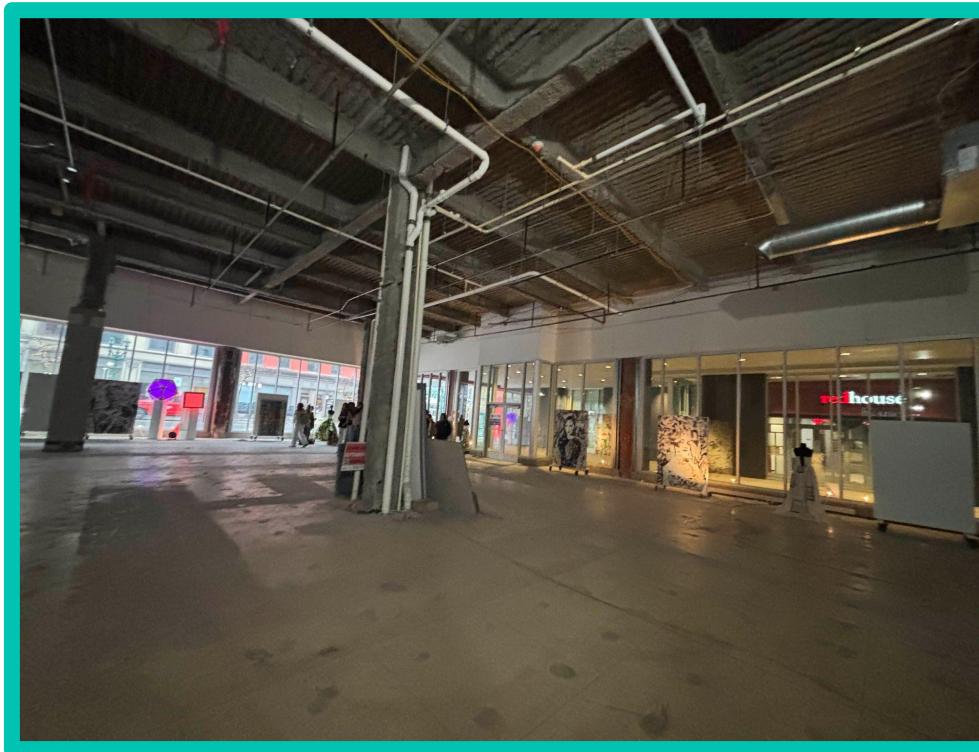
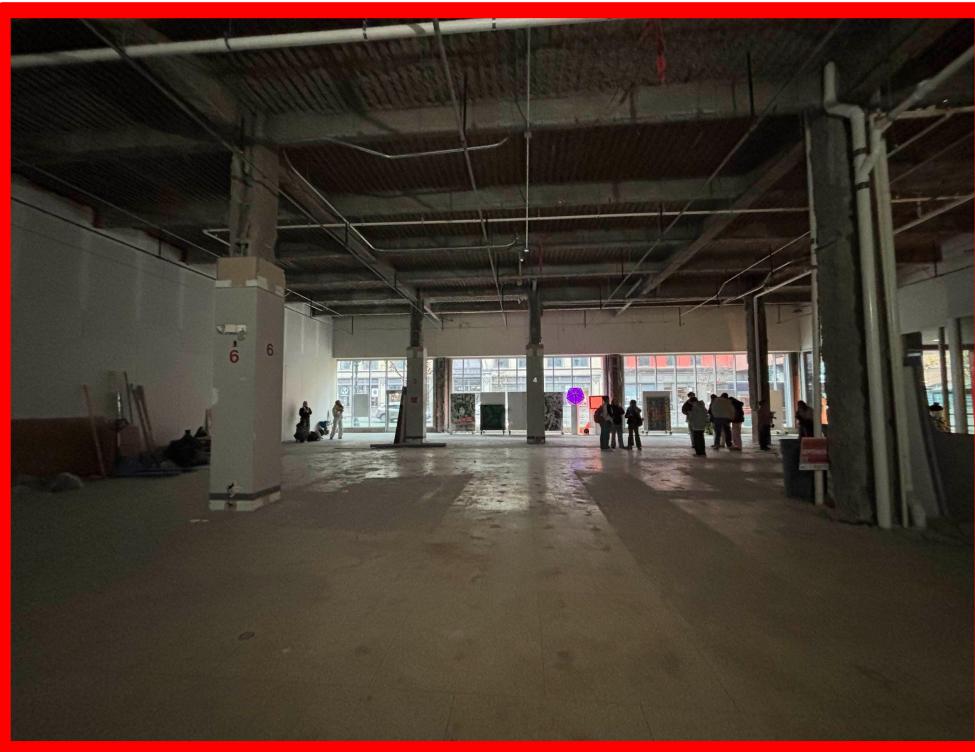
Exterior Envelope



All exterior metal panels reflect heat from sun rays rather than absorbing it, keeping interiors cooler on average. Glass has light tint to filter light and heat from the sun's rays.

No shading devices other than distance from windows and no insulation other than in the window paneling. Courtyard entirely open with no awnings.

Interior Environment



All windows inoperable and stationary. High ceilings good for airflow and room to control acoustics.

No interior lighting, bright indirect natural light all day. Window glare on the exterior but good visibility from interior to exterior.

Air quality is a bit stagnant with no operable windows and minimal HVAC systems. Little airflow in the space unless doors are opened.

Sound quality is good. Minimal echo and comfortable reverberation. Sound from traffic outside is low due to window frame insulation.

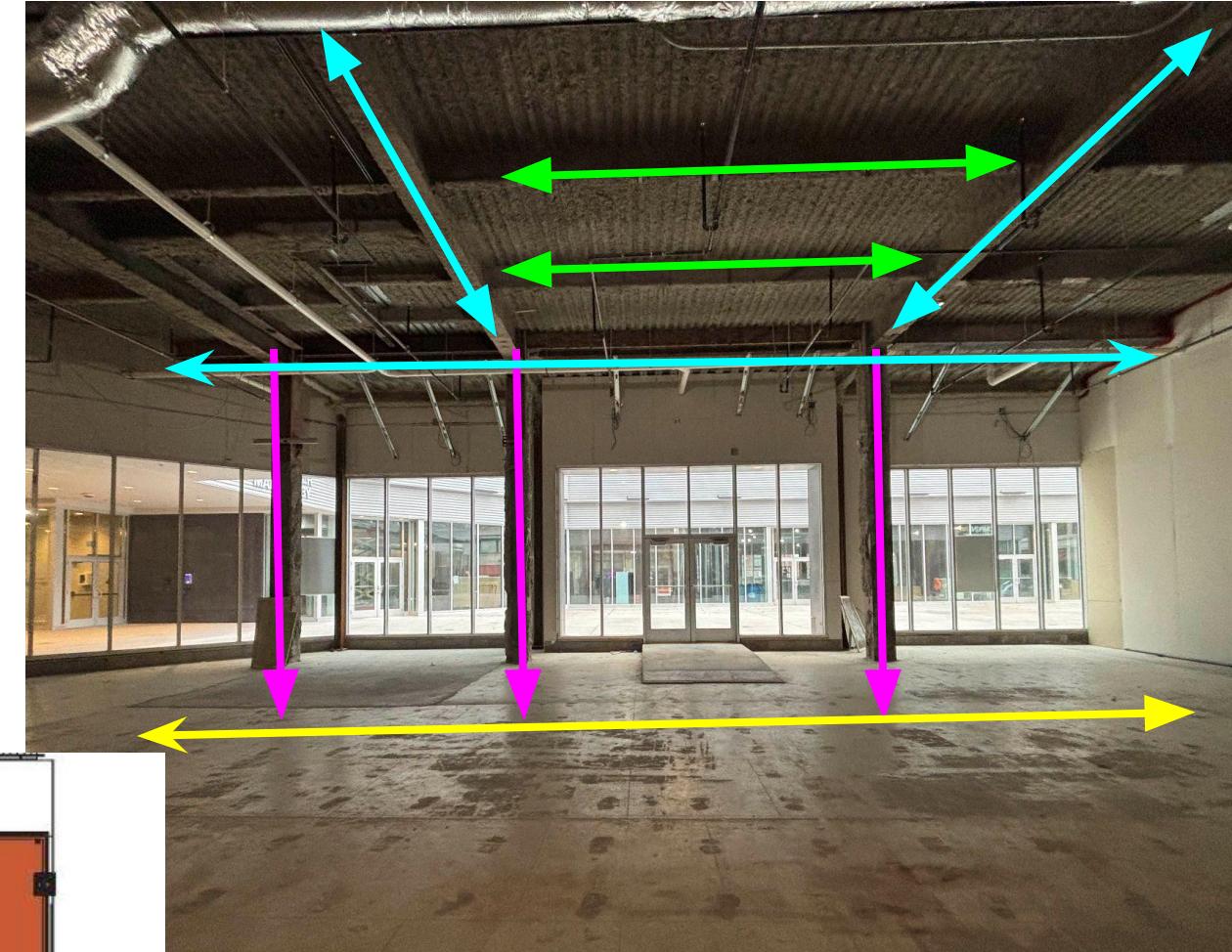
No visible dust, mold, or condensation accumulation.

Structural Conditions



All columns, girders, and floor beams are load bearing. Ceiling can be dropped but not modified.

Grated floor with open metal pipes coming up through the floor in southeast corner.



All windows doors, and exterior frames are movable and interchangeable. All columns, MEP, and the drywall wall separating the space from the one next door cannot be moved, modified, or cut into. Finishes only.



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Streetscapes, Elevations, & Sections

Trisha Mohta

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Structural Analysis

Clothilde Marcelot

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Site Analysis Plans

Clothilde Marcelot

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Site Climate & Microclimate Conditions

Sun Path and Shadow Diagrams

Trisha Mohta



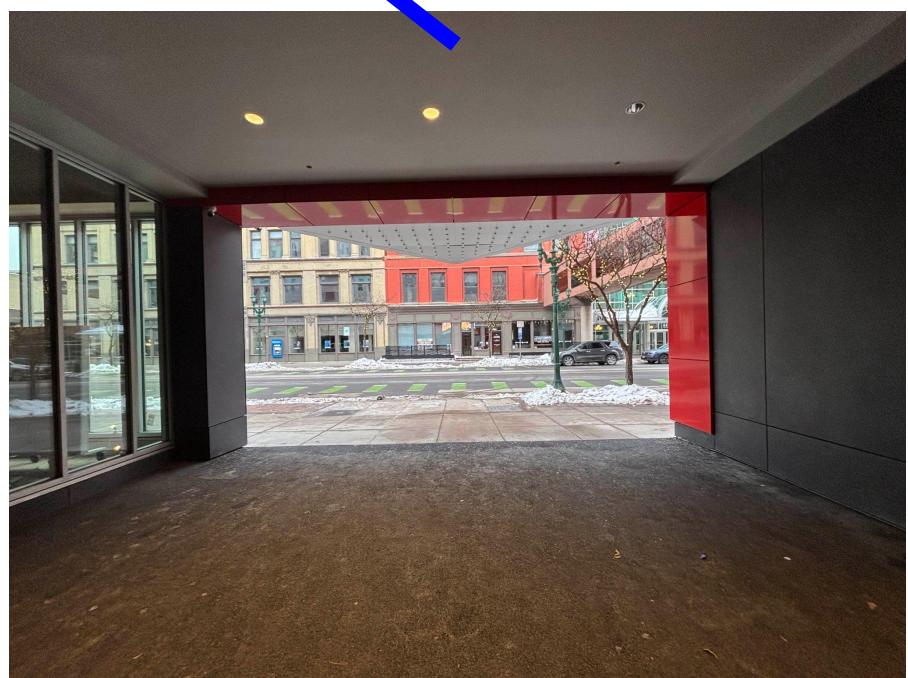
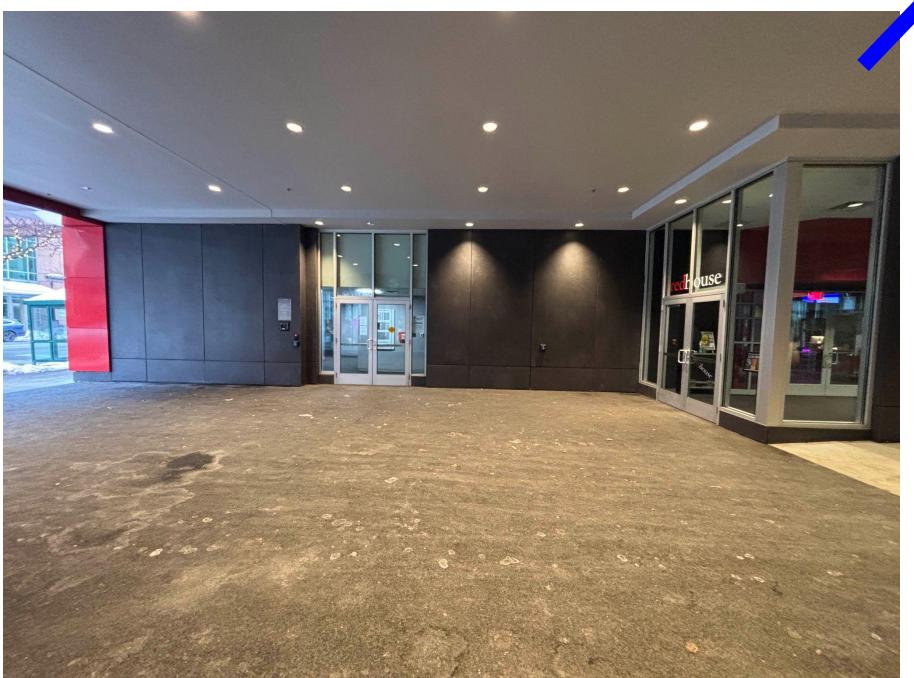
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View & Vista

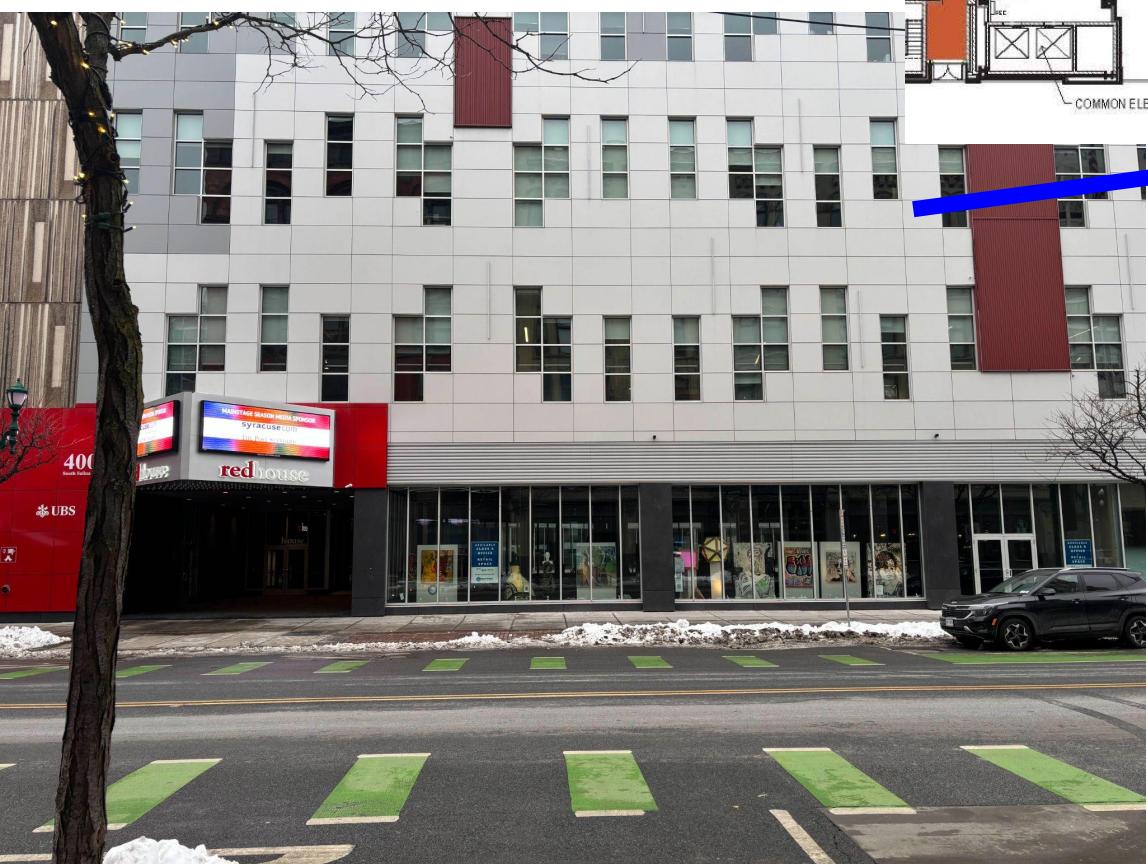
Views Analysis

Trisha Mohta, Clothilde Marcelot, Catalina
Pravda, & Maven Kavan

Views - Interior to Exterior



Views - Exterior to Interior



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Conclusions

Trisha Mohta, Clothilde Marcelot, Catalina
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