

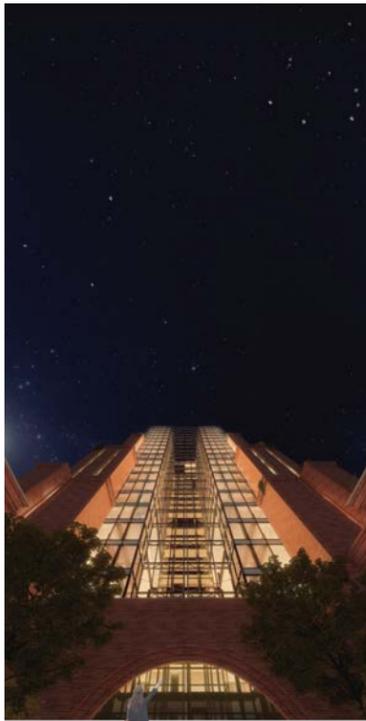
PORTFOLIO  
2023-2025



# TREY LEHMAN

# Table of Contents

**01**



122 South Grove Ave, Elgin

**02**



The Goose Island Artery

**03**



Youth Drop-in Center, Chicago

**04**



Hidden Resonance Pavilion

**05**



Professional Work

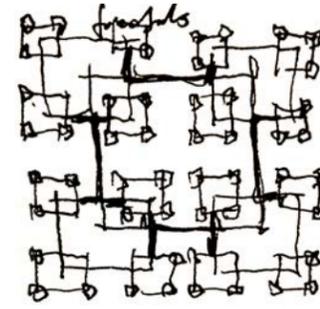
**06**



European Study Tour



# 122 SOUTH GROVE AVE.

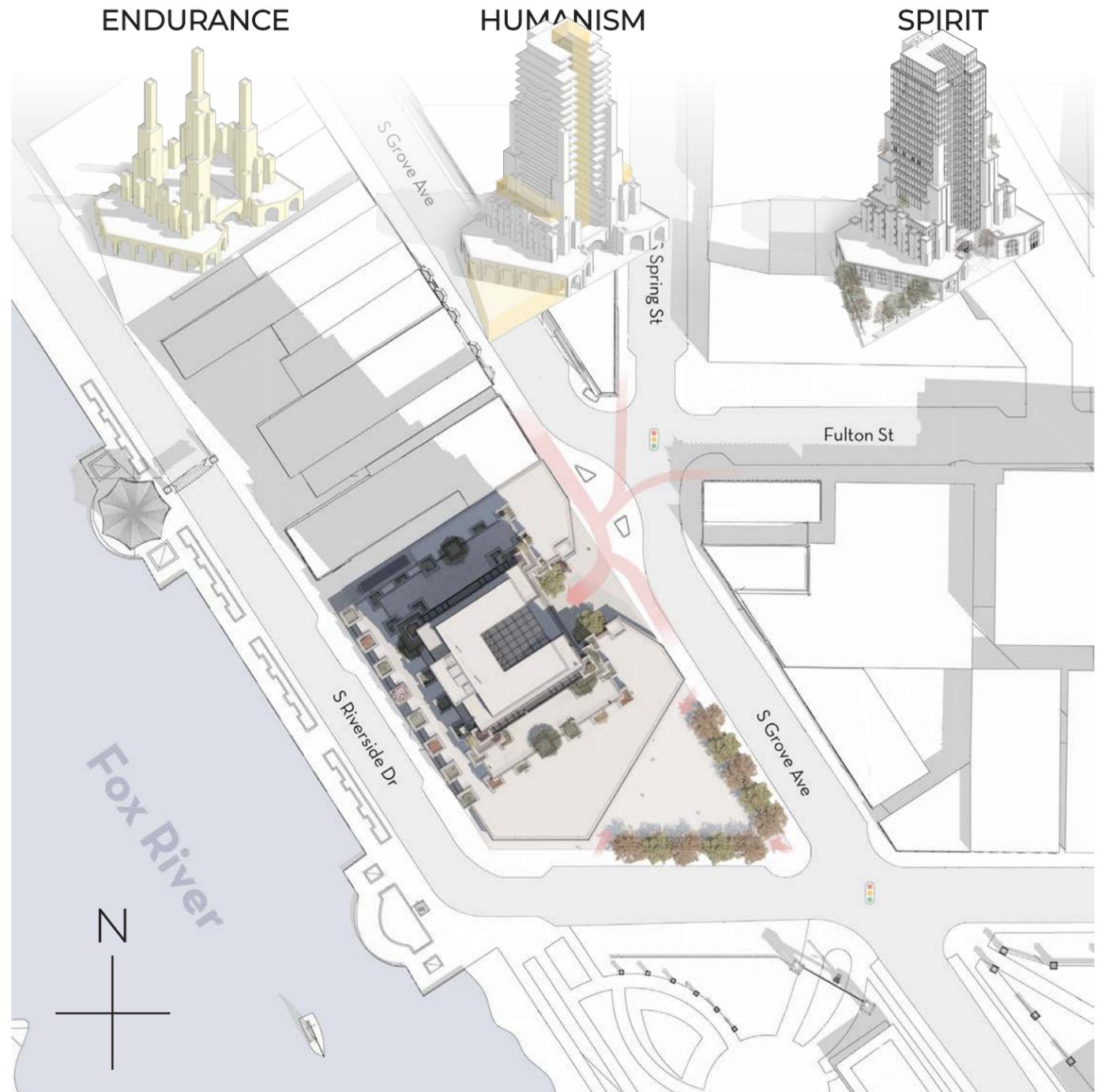


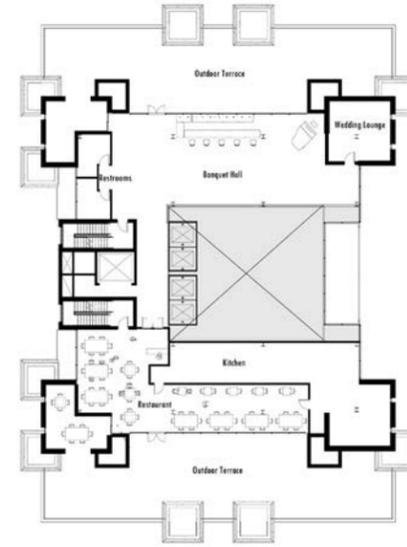
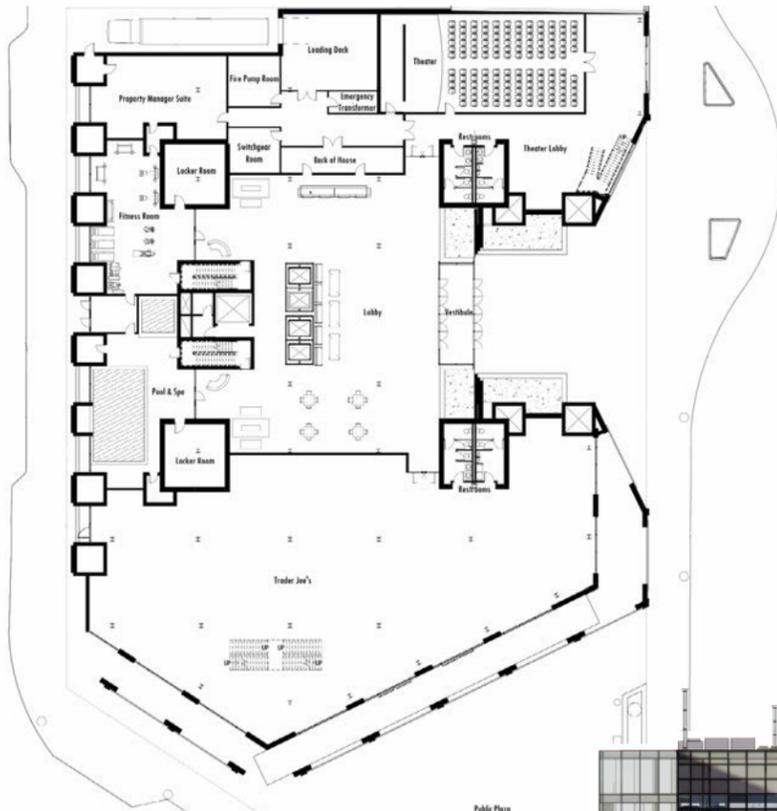
Monumental architectural design can promote social equitability. 122 S Grove Ave is a mixed-use highrise development grounded in the heritage of Elgin, Illinois. Three principles inform its design:

*Endurance* - Buildings should last, honoring the work of the men and women who build our communities.

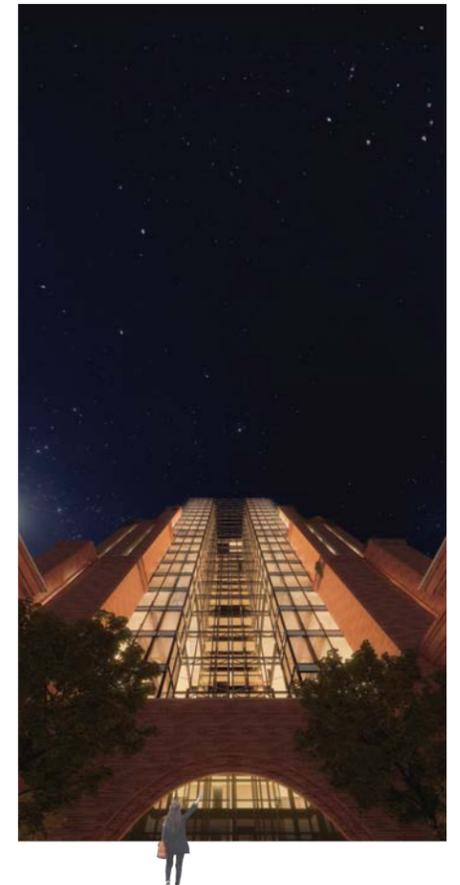
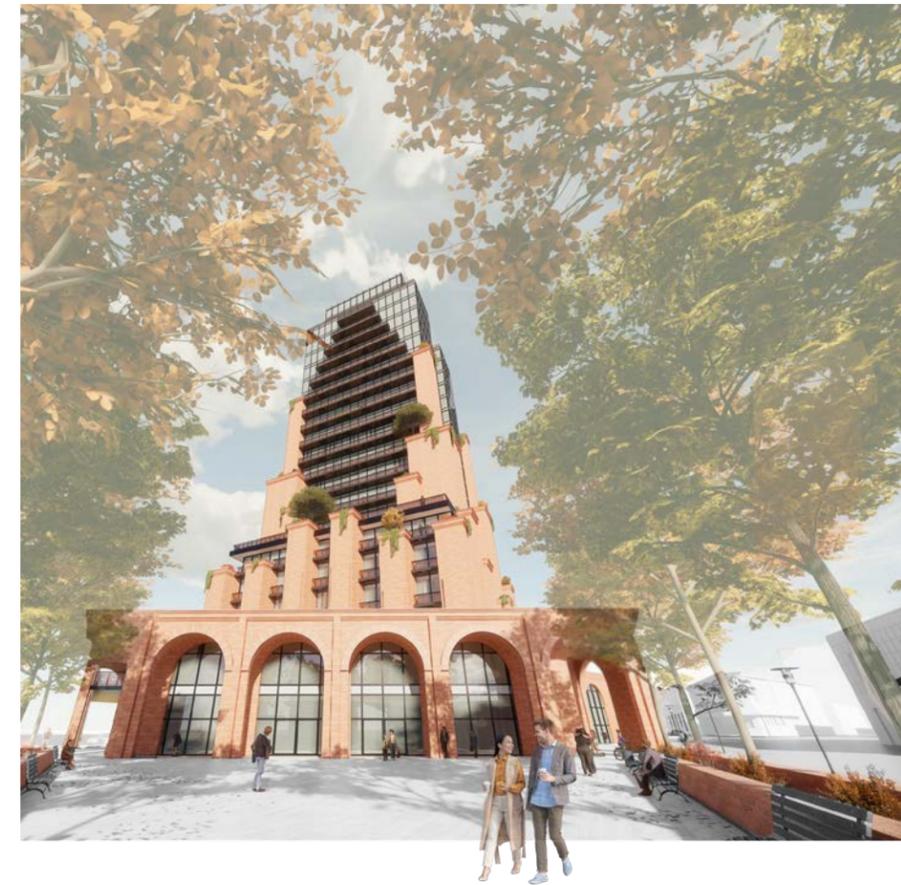
*Humanism* - Buildings should strive to uplift the many, not profit the few.

*Spirit* - Buildings should reflect the spirit of its place, allowing its natural and cultural locality to guide its design.

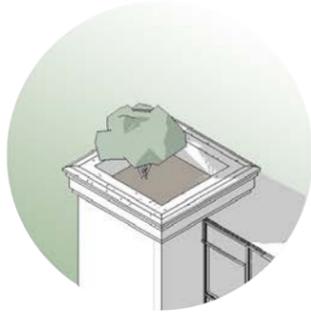




122 South Grove Ave would provide Elgin with 80 apartment units, 64 hotel rooms, and several public amenities. This highrise would strengthen Elgin's downtown, honoring its industrial heritage while standing as a beacon of hope for its future.



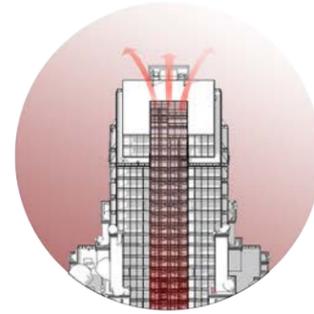
# SUSTAINABLE STRATEGIES



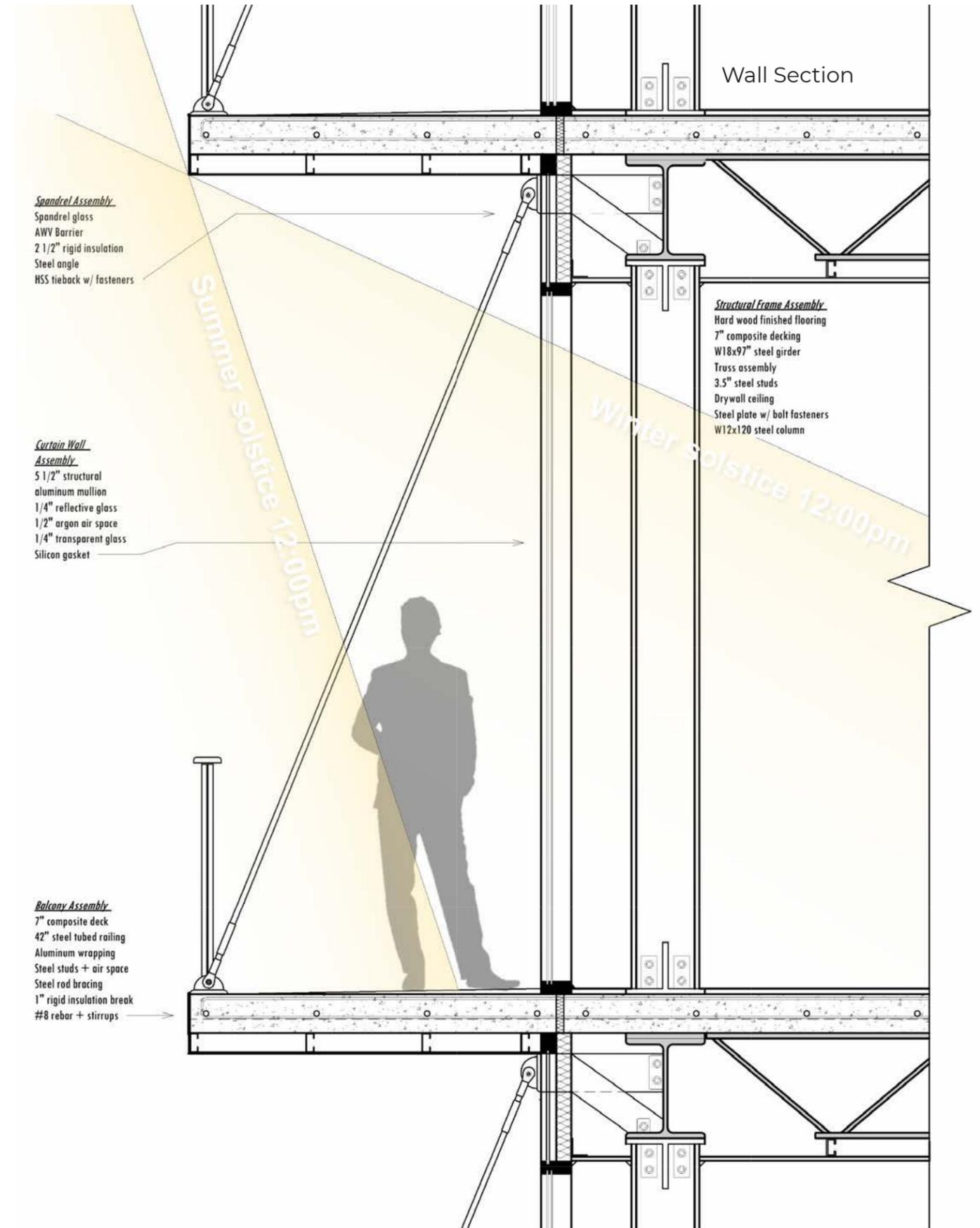
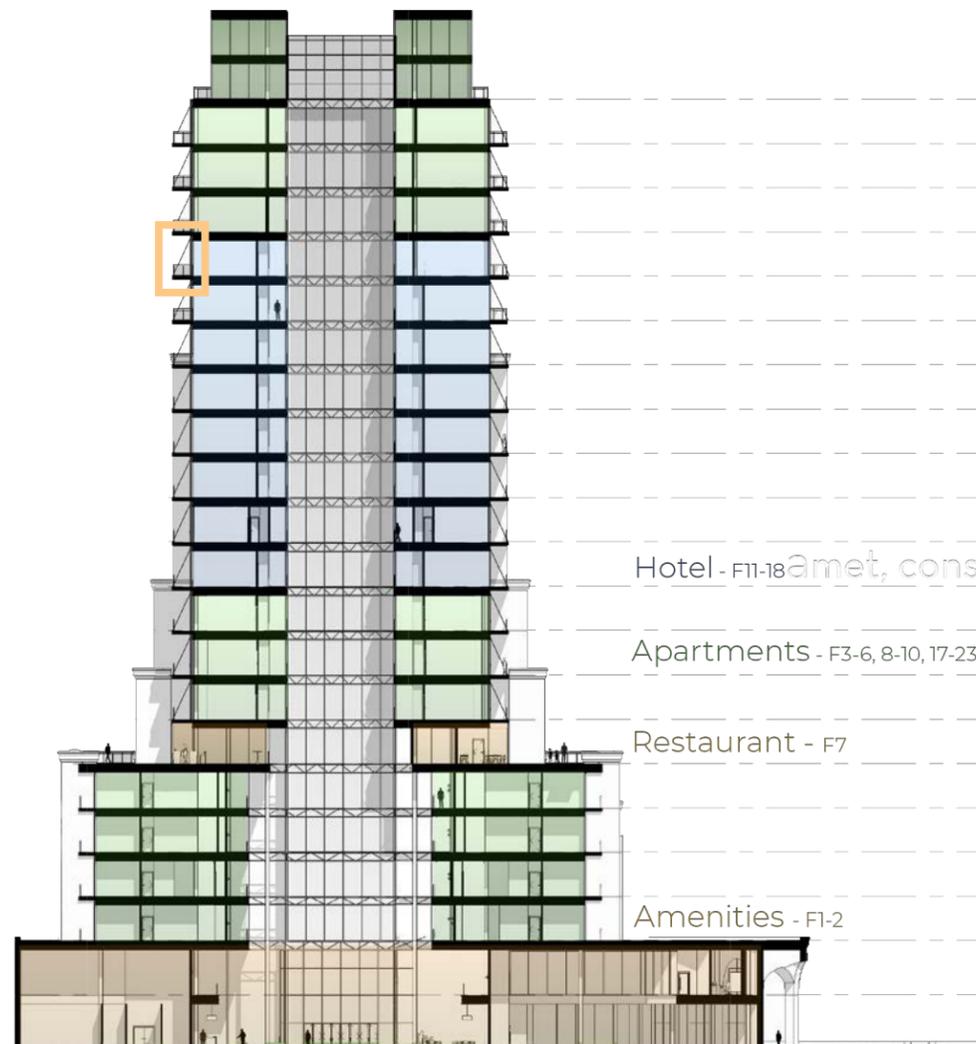
**Green Roof Planters**  
Integrating biodiversity within the structure



**Passive Solar Shading**  
Shades in summer, warms in winter



**Heat-venting Atrium**  
Operable roof panels passively cool the interior



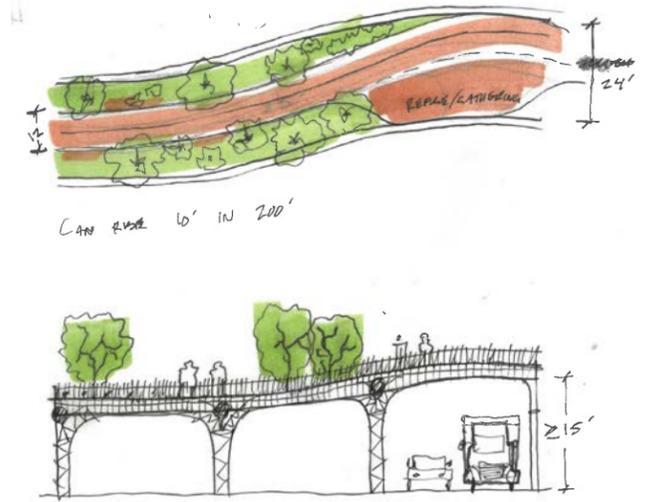


# GOOSE ISLAND MASTER PLAN & CREATIVE CENTER

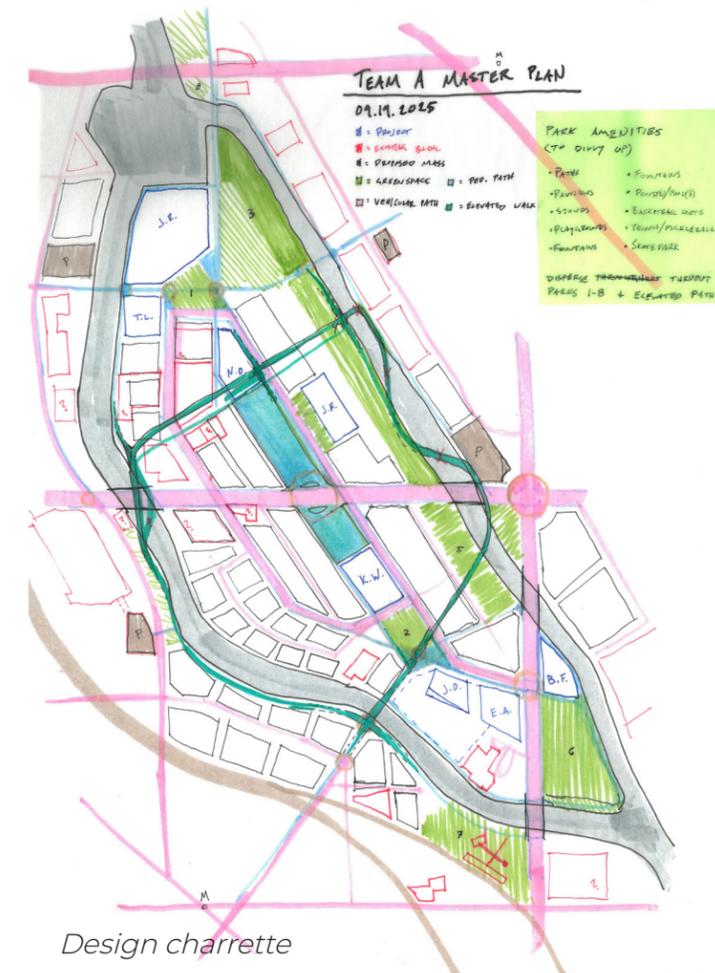


Our studio collaborated to masterplan a dilapidated neighborhood in Chicago: **Goose Island**. We prepared a redevelopment proposal for the island, transforming it from a sea of parking lots and warehouses into a vital community.

Our new Goose Island proposal seeks: **Connection** with the broader Chicago neighborhoods, not isolation; **Mixed-Transportation**, supplementing the dominance of the car with bike lanes, public transit, and pedestrian streets; an **energetic** community with thriving street life, social amenities, and innovation.

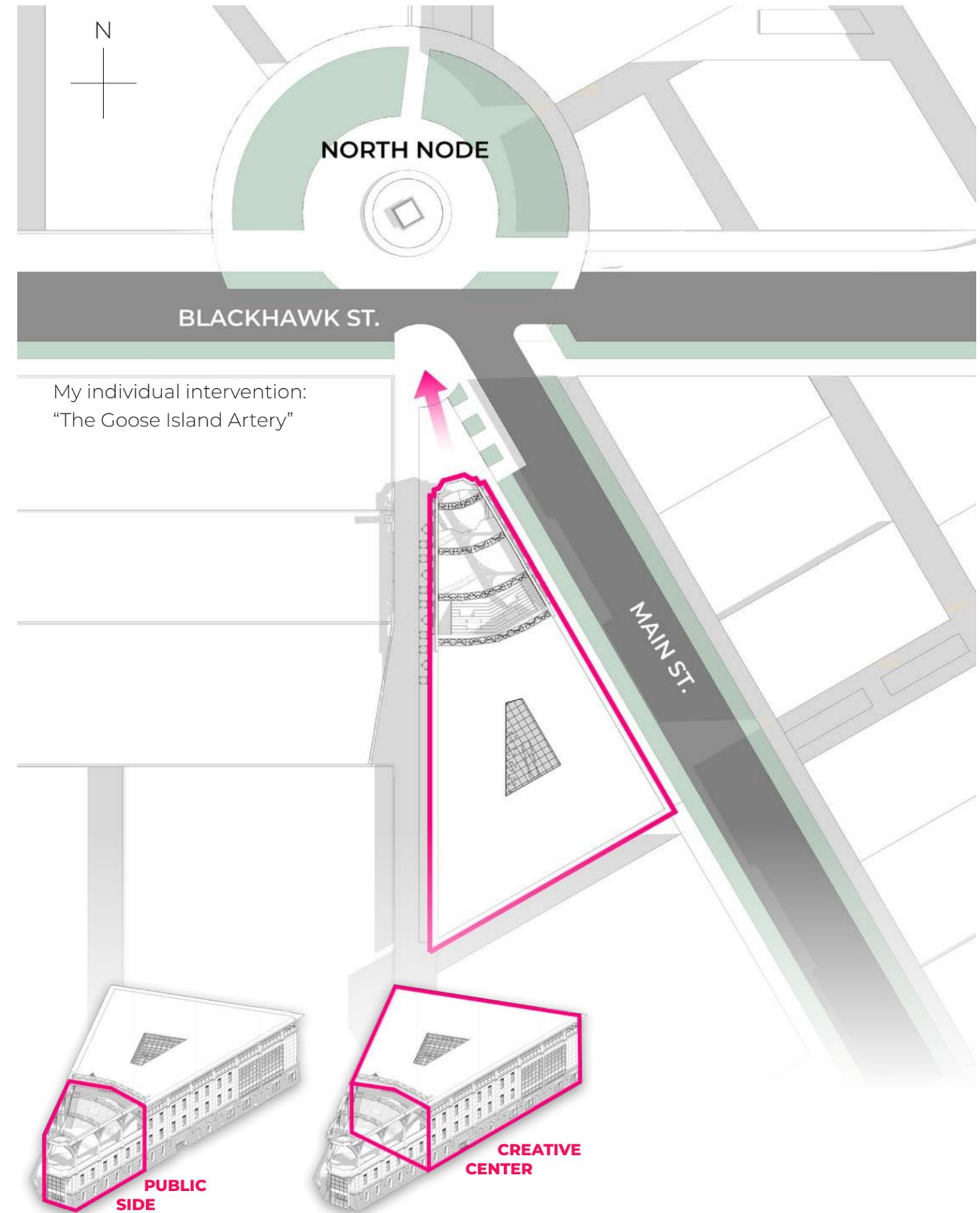


Goose Island currently

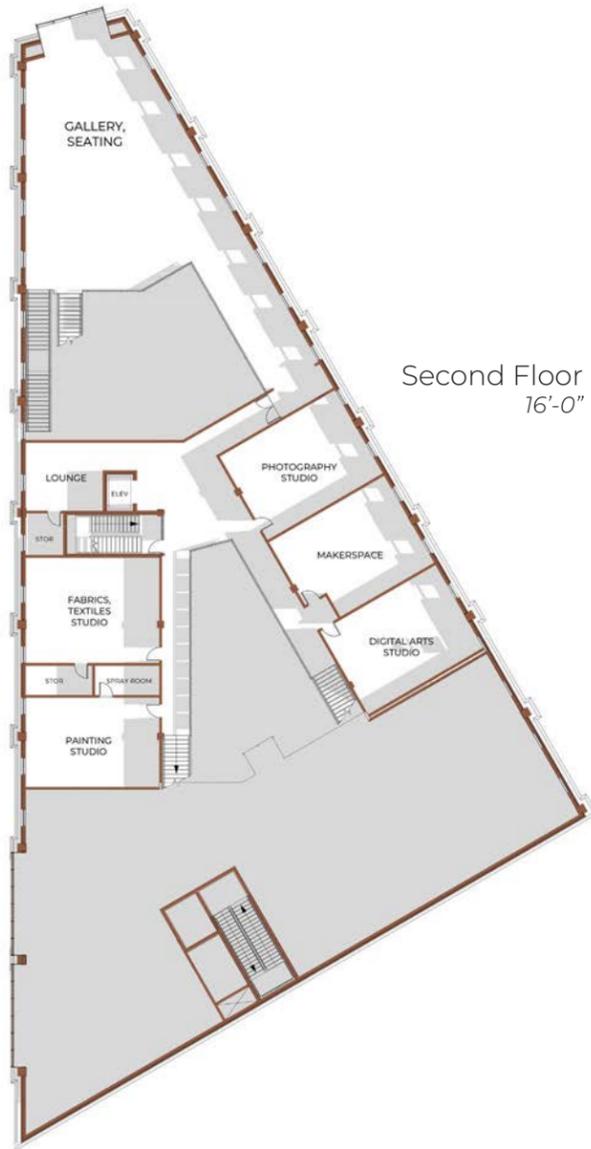
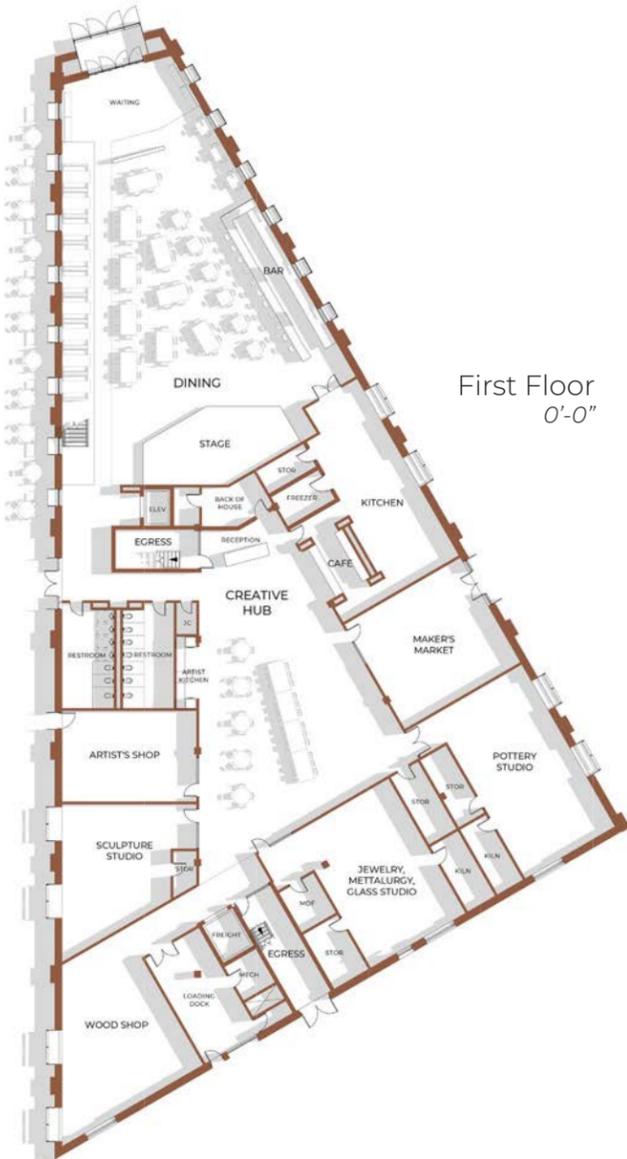
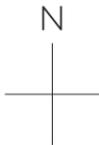


Design charrette

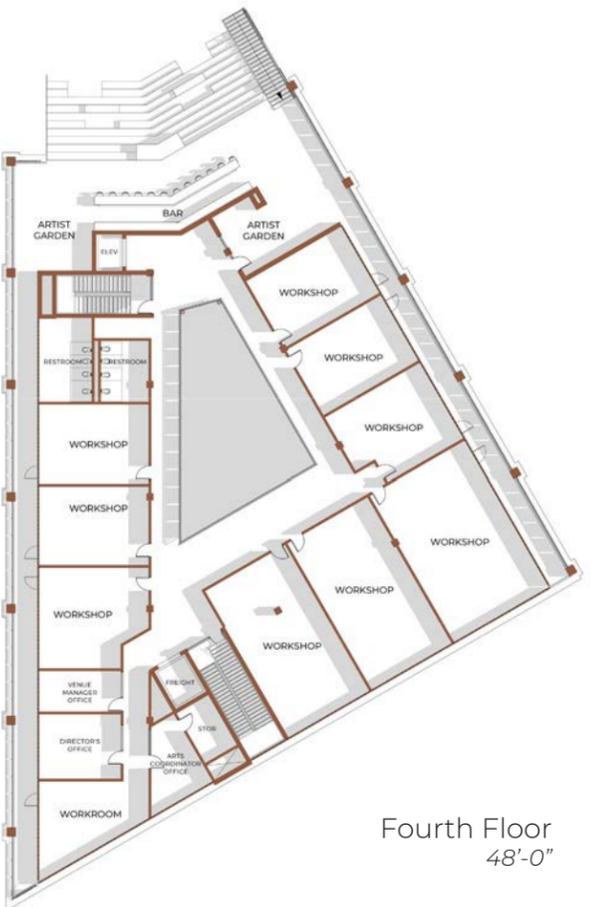
**THE FINAL REDESIGN**



FLOOR PLANS  
1/16" = 1'-0"



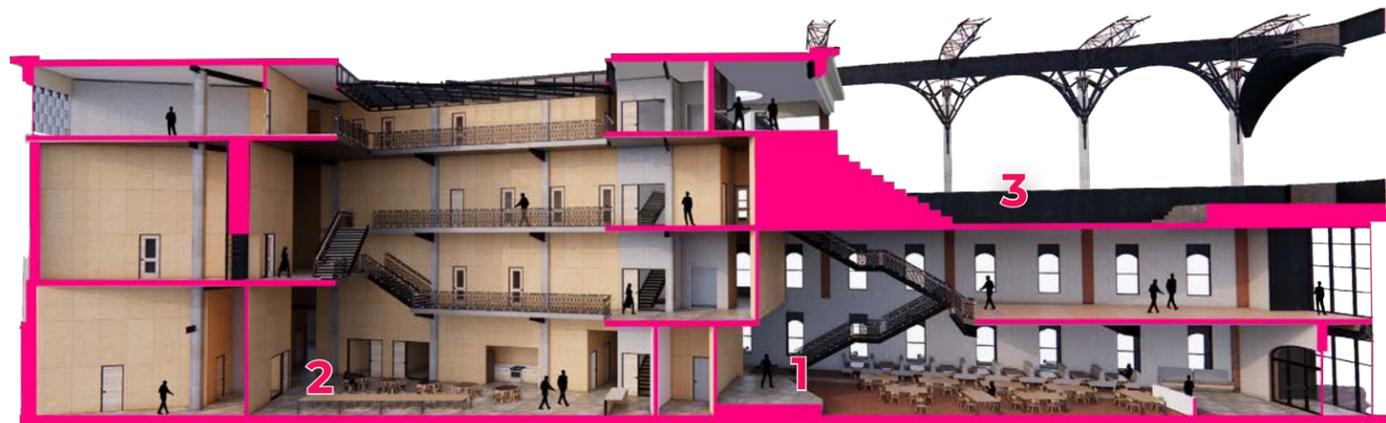
Second 1/2 Floor  
22'-0"



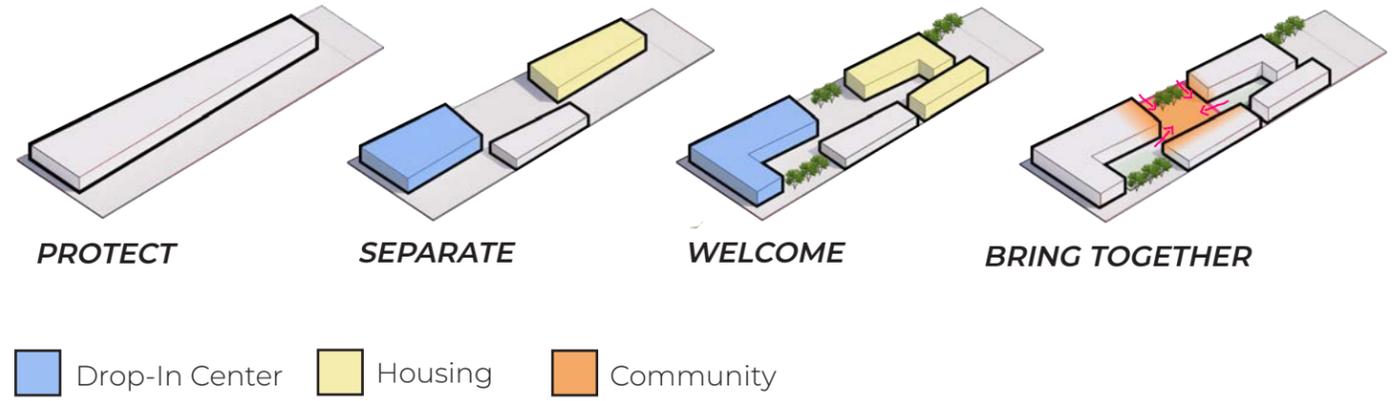


The Goose Island Artery is a Multi-Disciplinary Arts Center—an ecosystem to incubate and grow aspiring Chicago artists.

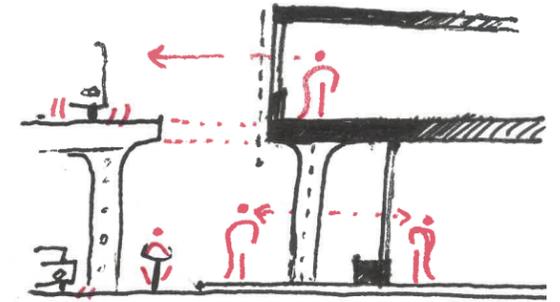
Its art is for the Chicago people, and owned by Chicago artists. We want artists to have agency in their space through style, program, and material.



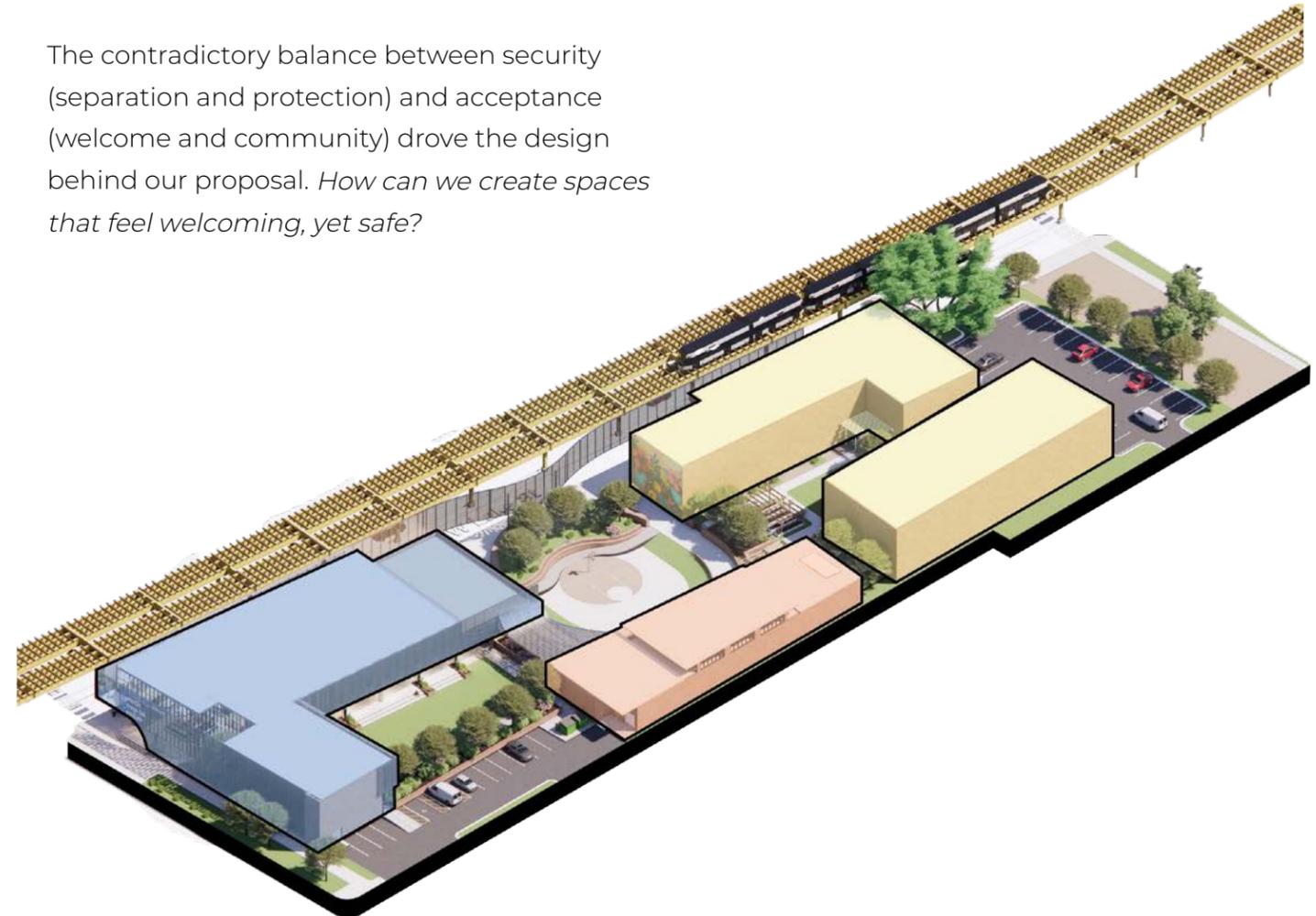
# YOUTH DROP-IN CENTER, CHICAGO

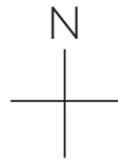


In this four-week partnered project, we worked with a Chicago-based non-profit organization to develop a potential Youth Drop-in Center (YDC). It will admit houseless youth, providing them with temporary shelter, free medical and mental health resources, and a number of supportive amenities.

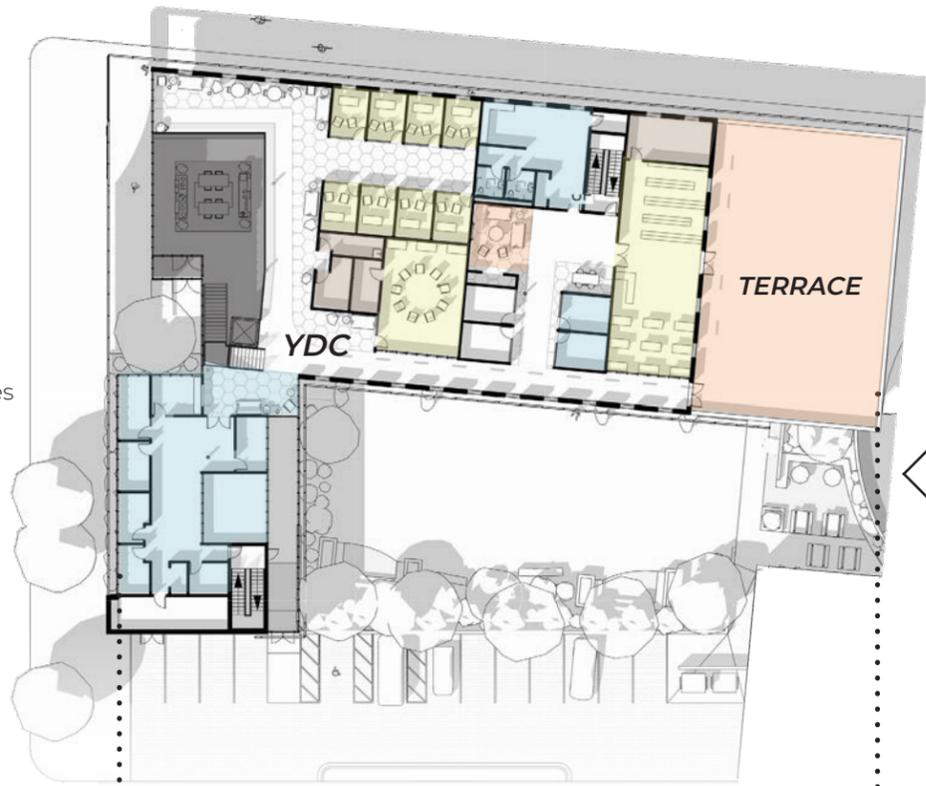


The contradictory balance between security (separation and protection) and acceptance (welcome and community) drove the design behind our proposal. *How can we create spaces that feel welcoming, yet safe?*





- Medical
- Admin
- Amenities
- Activity
- Utility



YDC,  
Second Floor

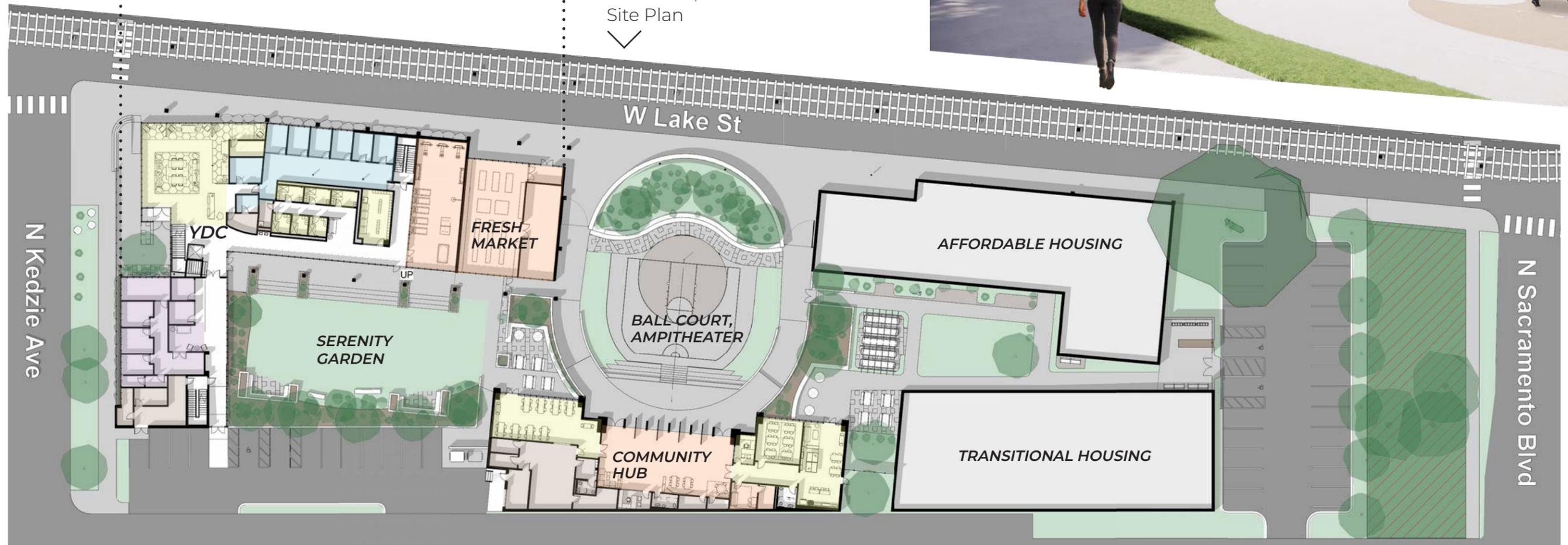
First Floor,  
Site Plan



Lobby



Mezzanine

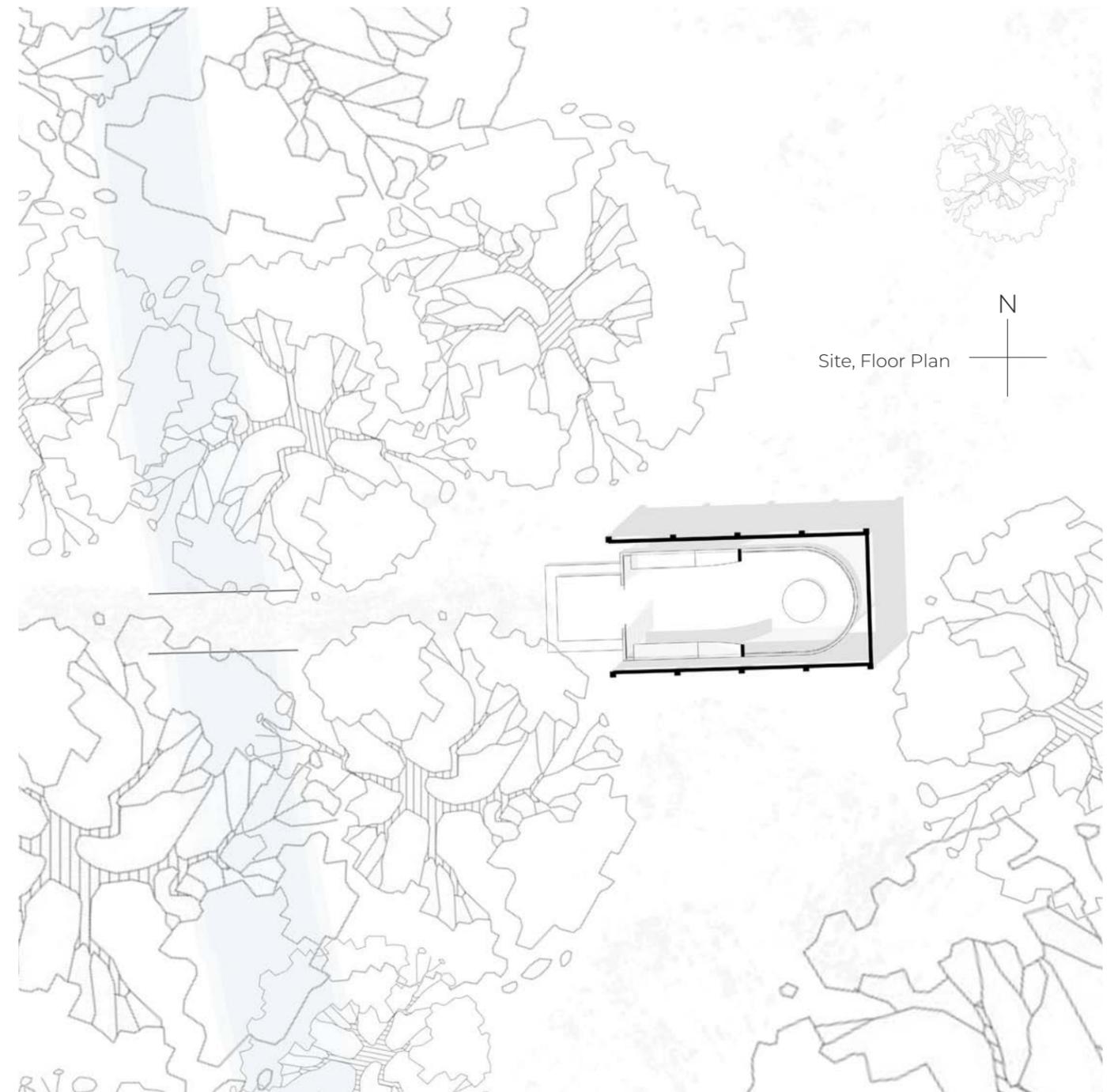


# 04

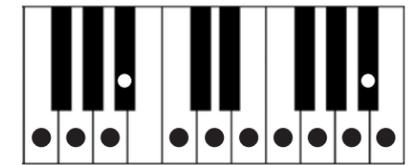
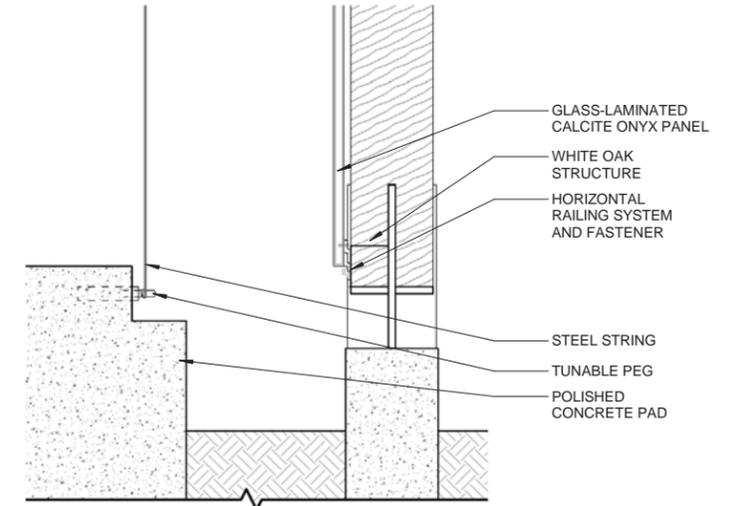
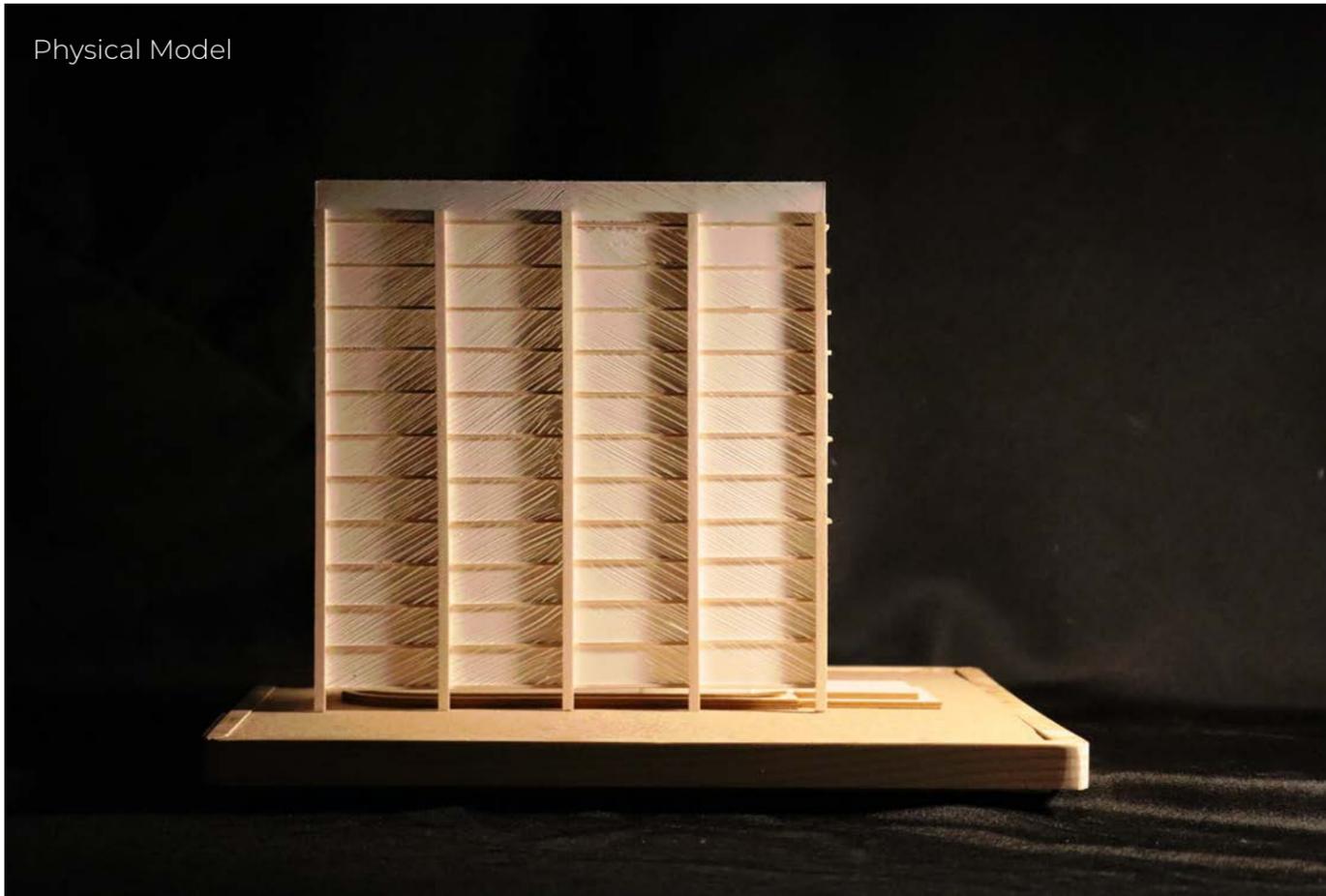
## HIDDEN RESONANCE PAVILION



A 12'x24' frame of bur oak members support an envelope of bookmatched laminated calcite onyx panels. Cut to 1/2" thick, these panels admit light that bathe the interior in a warm glow. The interior walls are lined with a fabric of tuned steel strings—similar to a piano or harp—that wrap the user in an ethereal texture of sound. The strings sympathetically resonate with the human voice, encouraging musical and aural interaction. The experience in the pavilion facilitates a meditative state of deep presence.



Physical Model

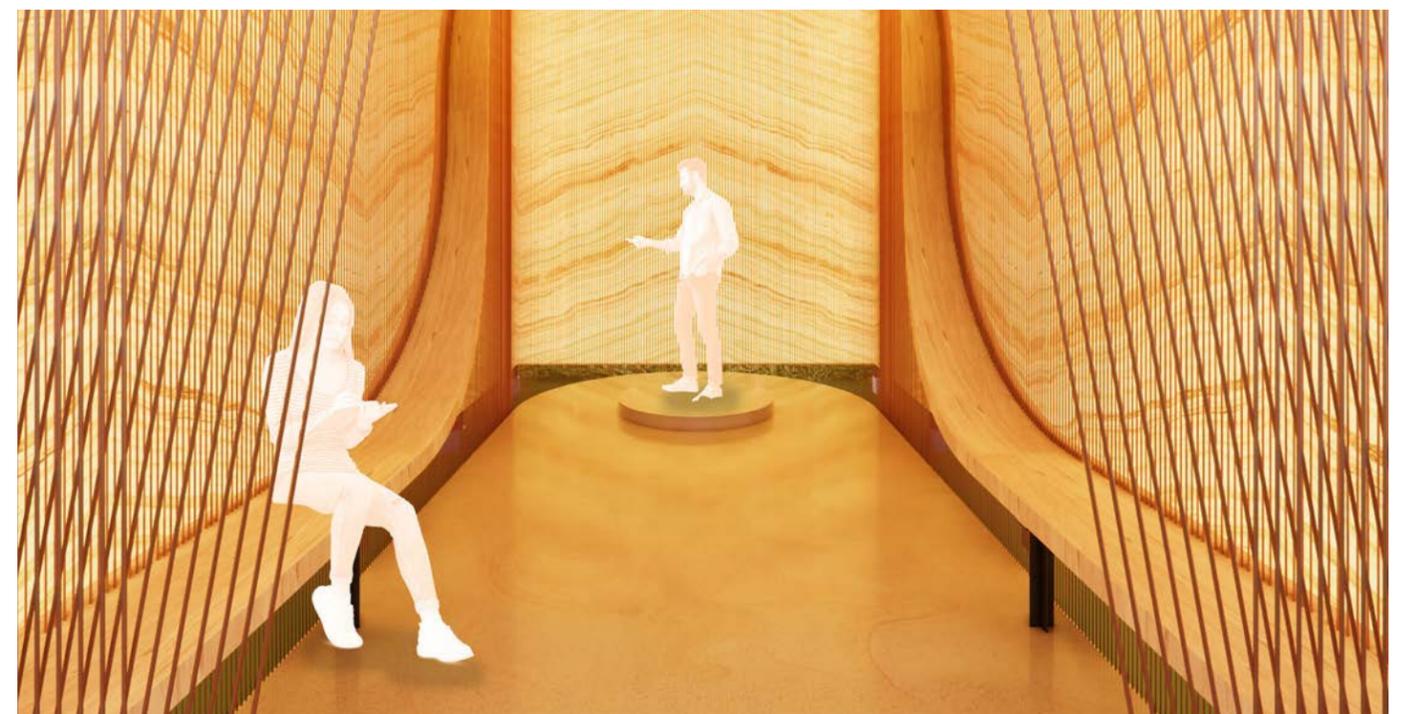
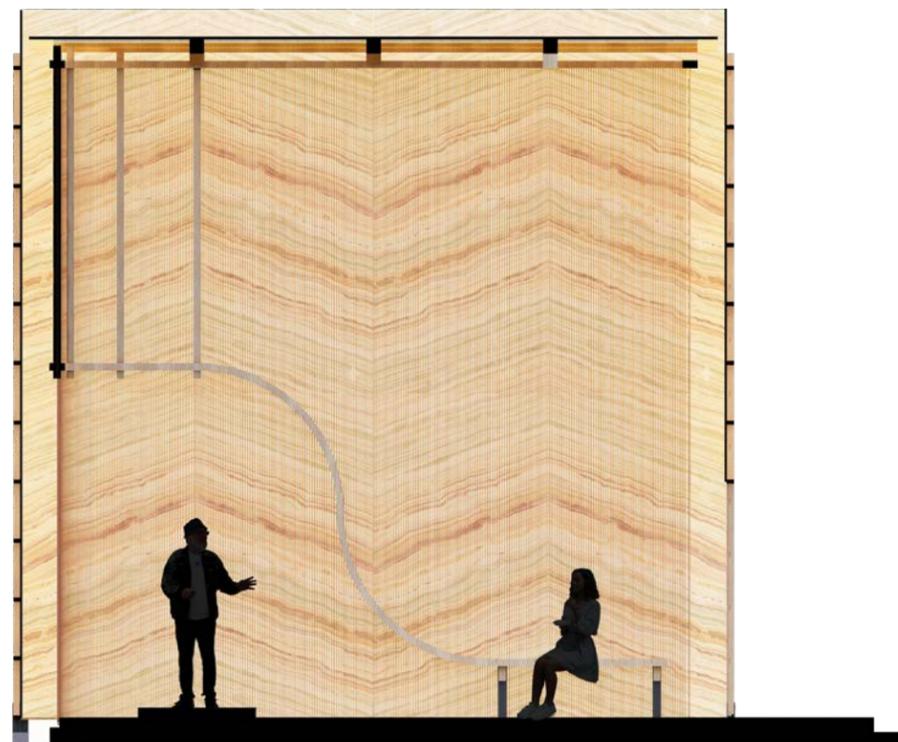


String Tuning  
*F Major*

W Elevation



Section





# PROFESSIONAL WORK

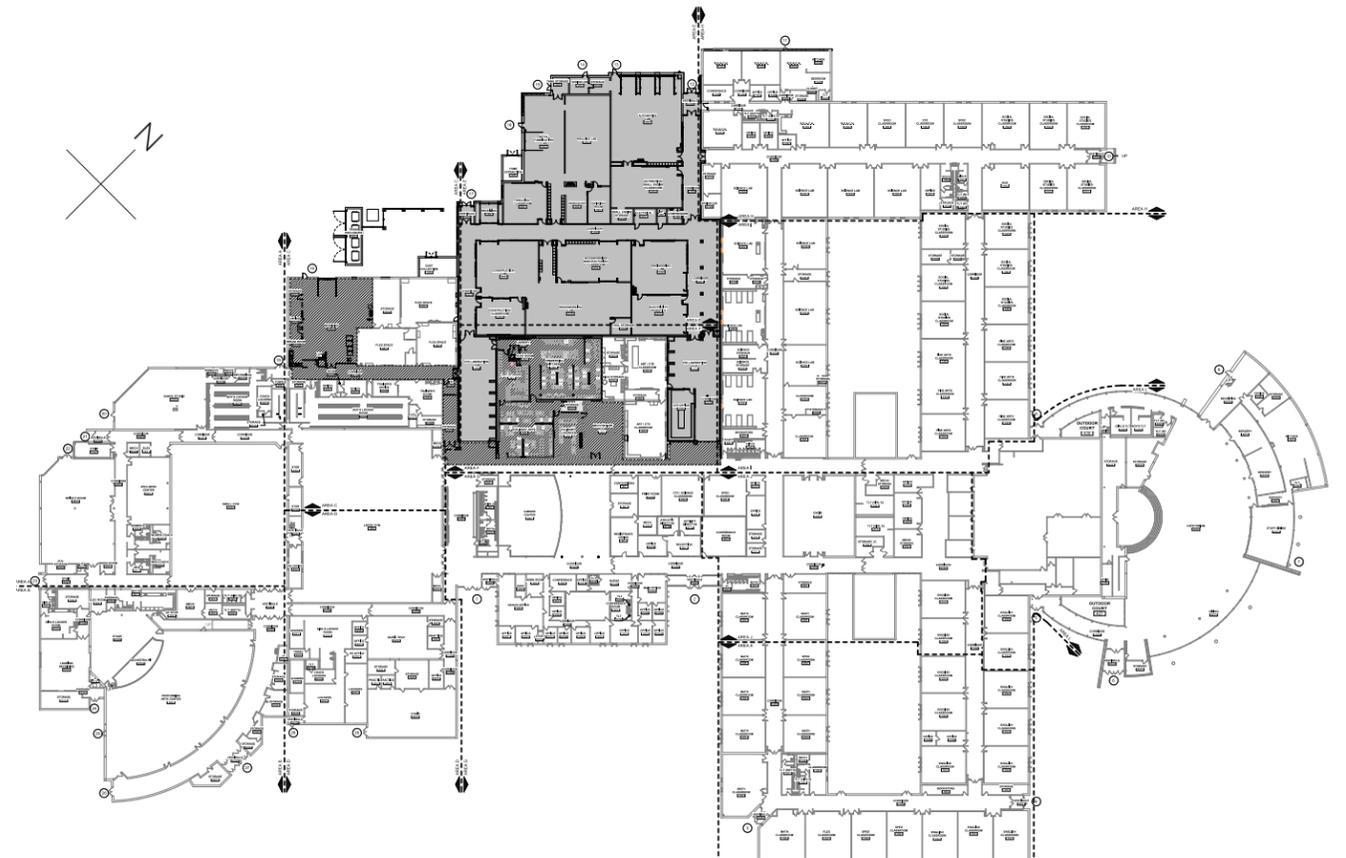
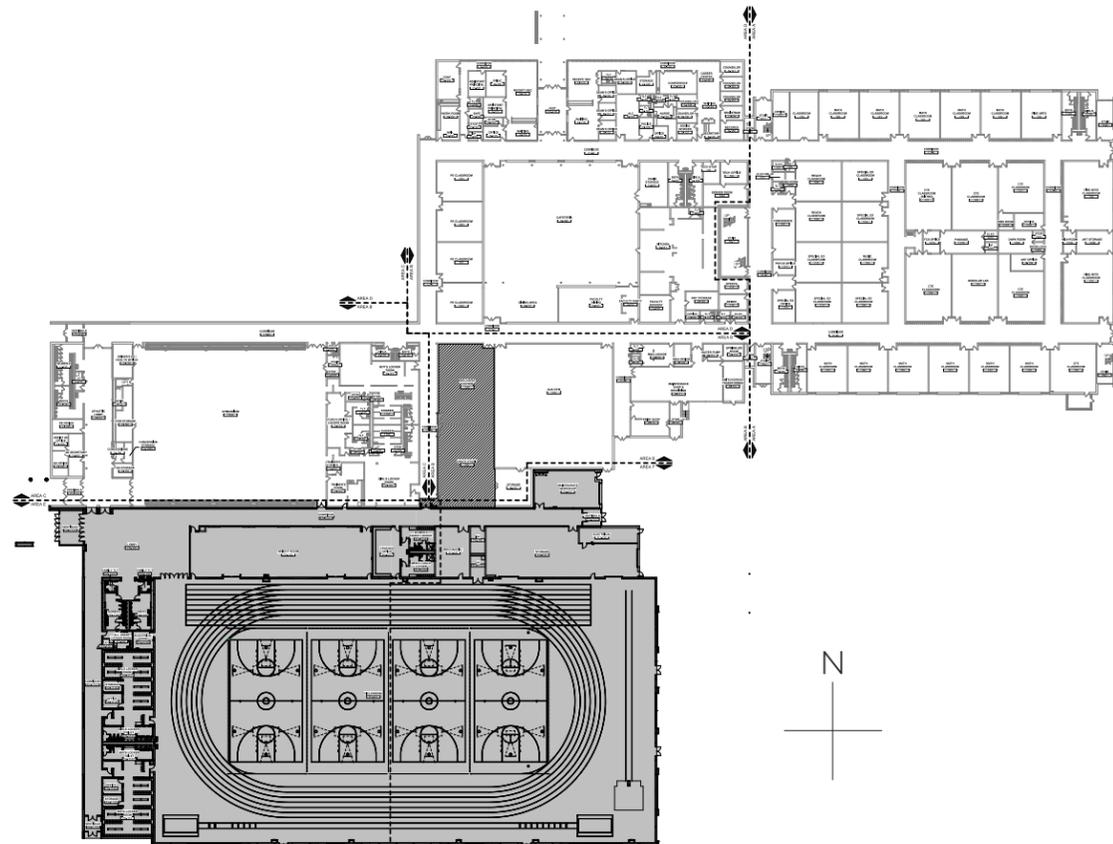
DLA ARCHITECTS, LTD.

ITASCA, IL

## FIELDHOUSE AND CTE ADDITION

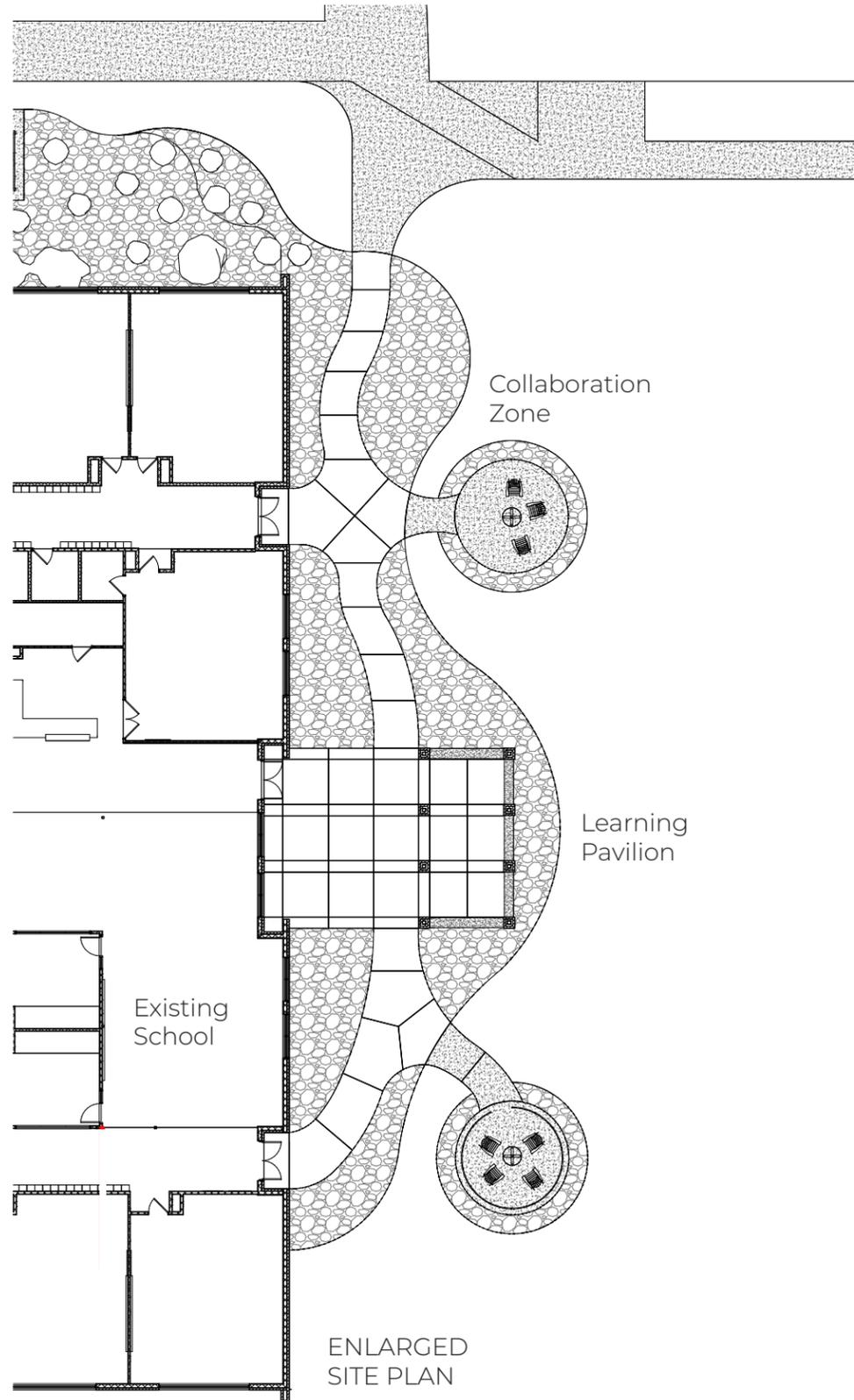
### Minooka High Schools

My time at DLA Architects accounts for much of my experience in official architectural drawing set production. I worked on over a dozen projects ranging from remodels to ground-up schools, from early schematic design to construction administration. These two projects are additions for the Minooka School District in Illinois. My involvement included Design development and Construction document drawing production—plans, details, elevations, and sections, as well as promotional material, like renders and animations.



# OUTDOOR LEARNING MEDIA CENTER

Farmington Junior High School



**Role**  
Jr. Designer  
Draftsman

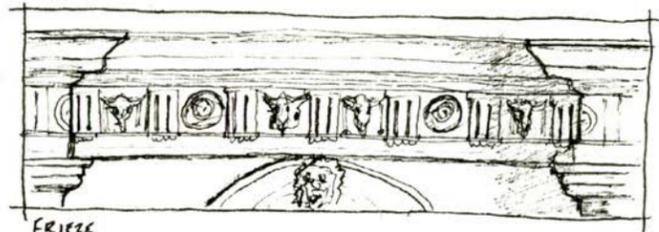
**Responsibilities**  
Revit modeling  
Drawing set production  
Detailing

# EUROPEAN STUDY TOUR

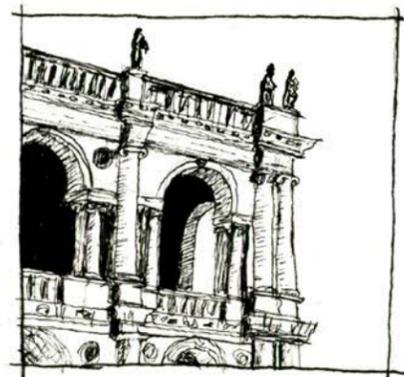
Our studio cohort flew to Paris to launch our four-week academic study tour, following the Spring 2023 semester. We studied many architectural masterworks and historical monuments. We explored, in order: Paris, Lyon, Vezelay, Avignon, Nice, and Monaco in France; and Genoa, Milan, Venice, Florence, and Rome in Italy. I compiled two sketchbooks full of mixed-media pencil, pen, and watercolor sketches from our travels.



BELL TOWER



FRISSE



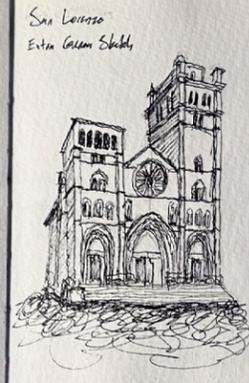
BASILICA PALLADIANA  
5/28/23 AFTERNOON



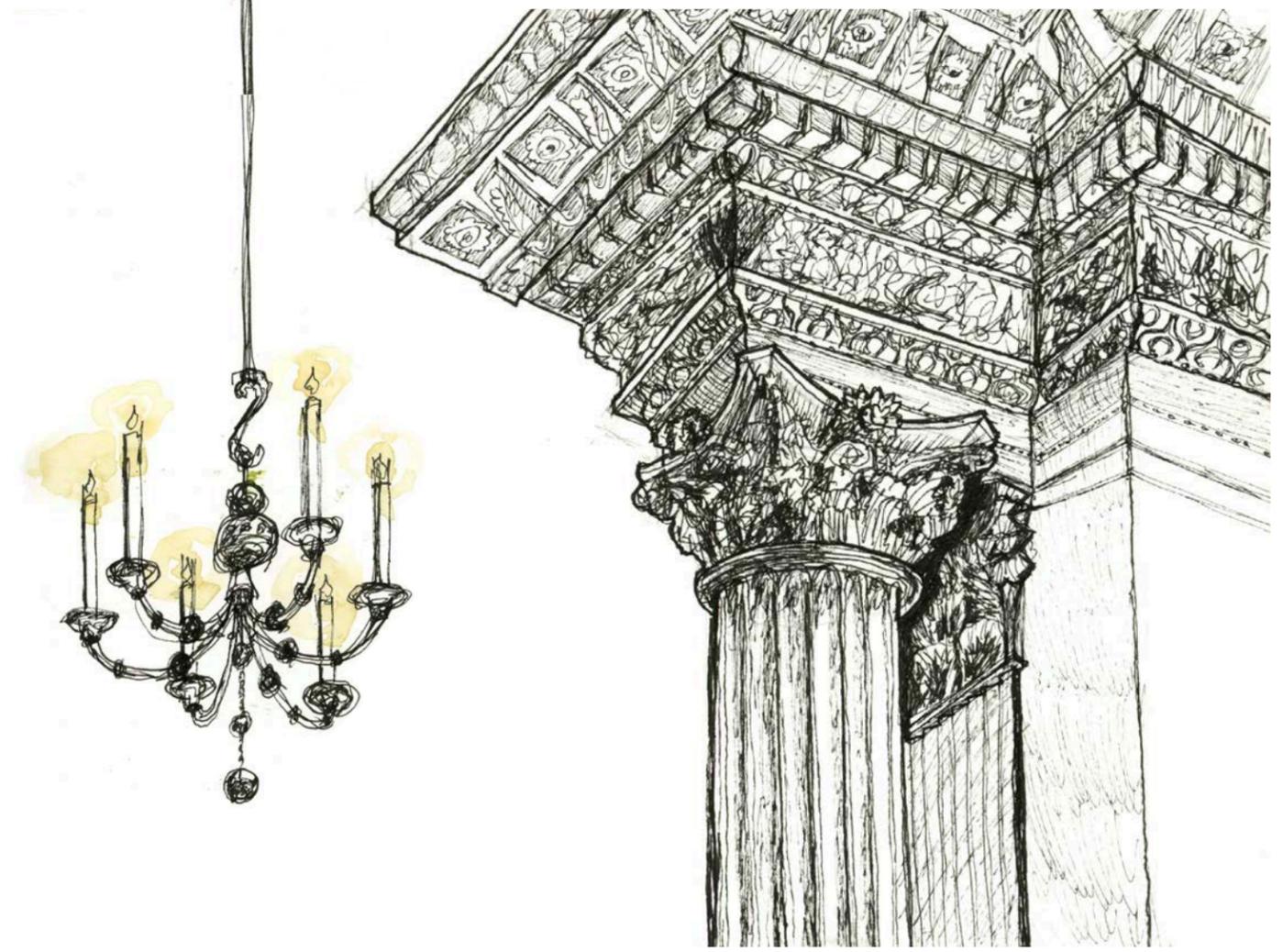
DISCOVERY DAY III: MILAN  
Scala Theater & Piazza

This sculpture of Da Vinci in the middle of the Sala  
Piazza was built in 1872 by Pietro Magni. Leo was a  
sculptor, painter, designer, architect, engineer,  
scientist, inventor, sculptor, & architect (1452-1519). He was  
born in Vinci, but did a lot of his work in Albi  
Tuscany but he was my hero but I still regard him as my  
role model here.

DA VINCI STATUE  
5/20/23 AFTERNOON



San Lorenzo  
Extra Cream Shady





THE  
COLISEUM  
JUNE 3, MURRAY



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