

SYRACUSE UNIVERSITY |
COLLEGE OF VISUAL AND PERFORMING ARTS |
SCHOOL OF DESIGN |
ENVIRONMENTAL AND INTERIOR DESIGN PROGRAM

SERIES No. 3

MEANINGFUL PARTNERSHIP

COMMUNITY | DESIGN | STUDIO



CDS



The Community Design Studio encompasses the partnership

between the Environmental and Interior Design and Construction Management studios. The goal is for students to further comprehend challenges being faced within the Syracuse community, and address them from both creative and analytical perspectives. Our studios focus on projects that include opportunities to improve social, environmental, economic, and political opposition.

Meaningful Partnership, the community design studio was established in 2017-18. Since then, it has become an important aspect of the design education to work with a variety of community organizations to provide beneficial solutions to their problems. This year, 2021-22, the goal was to reimagine the streetscape of business corridors in the Northside Community as well as to design a split-occupancy daycare facility and a split-occupancy community cafe for Hopeprint. Hopeprint is a non-profit organization which is dedicated to unifying resettled refugees and celebrating their diverse cultures. Each group of students brainstormed and developed a design that would not only serve the functions for the building, but allow for growth and new opportunity, further empowering the Northside community to prosper in place.

Seyeon Lee, Ph.D
George Miller Quasi Endowed Associate Professor
School of Design
Syracuse University



08

design kick-off /
project introduction
to students

09

client meeting /
site survey /
conceptual design

10

design development /
finishes and materials

11

final design
presentation

schematic design /
client presentation

fall semester



spring semester

construction management
kick-off meeting

construction material
quantity take-offs /
schedule / estimation

construction management
documents / consolidated
presentation preparation

community design
project exhibition

01

02

03

04



21-22

Led by founder and CEO Nicole Watts, Hopeprint's mission is "unifying diverse communities rich in culture and connectedness to prosper in place." The nonprofit resettles around 900 to 1200 individuals each year who have fled their home country looking for safety. They has found that people are greatly effected by the place they are in and how the place is greatly effected by the people occupying it. Hopeprint is seeking a microneighborhood reinvestment strategy that addresses what the Northside community needs to thrive.

the project overview

2021-2022

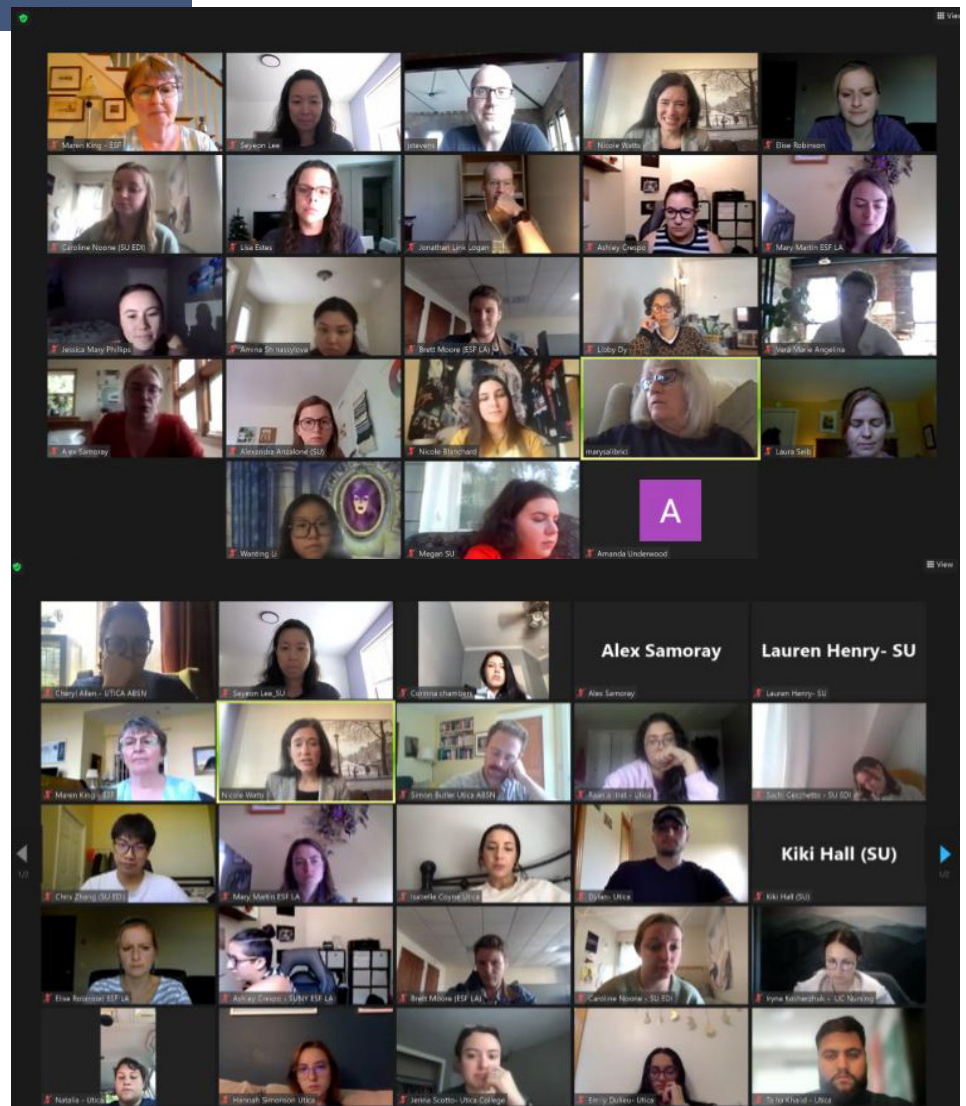


The Pond Street
Project Site

COVID-19 pandemic

In 2021, effects from the COVID-19 pandemic continued to change how we teach, work, learn, or socialize in the higher learning environment. The pandemic forced us to change the way we do everything in the design studio.

Students learned how to present ideas over a virtual platform and engage conversation with community members.



Students worked in teams to research Hopeprint's goals. In order to understand a non-profit organizations, students explored other nonprofit establishments to brainstorm innovative community based design concepts. Throughout the research students kept in mind how COVID-19 impacted the way we will design.

understanding Hopeprint:

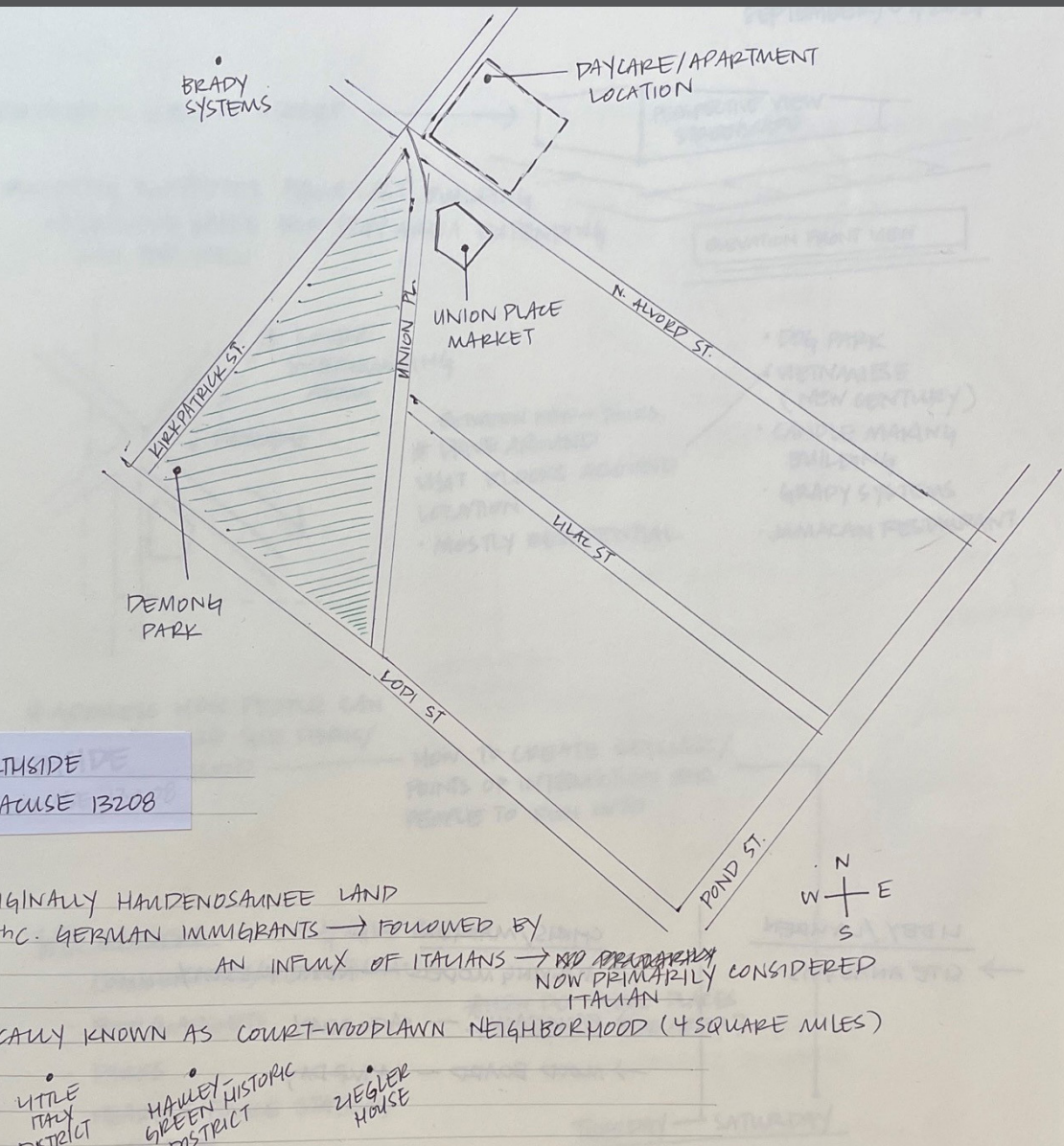


The Union Street Project Site

NOR
SYR

OR
197

W00



THSIDE
ACUSE 13208



Hopeprint

LEFT
Notebook by Libby Dy



After students conducted preliminary research on the client, it was time to understand the impact of the Northside Microneighborhood. Through site visits and discussions, students were able to understand cultural influences related to lifestyle and resource availability.

Using the information obtained from site visits, students began to understand adjacencies within the neighborhood and explore ideas that celebrate the diversity of the community.

RIGHT

Site Analysis: Libby Dy, Lauren Henry, Wanting Li, Zhijeng Zhang



What does the Micro-Neighborhood Community Need?

Concept

Pockets of Gathering

Our concept is about creating spaces and opportunities for the Northside Micro-community. These include a newly envisioned Union Place street scape, introduction of three places of commerce, and a new multi-purpose building at the corner of Alvord and Kirkpatrick.

Our inspiration came from the idea of gathering. When researching the area we came across a group of men huddled around a TV outside. It sparked memories of joy when gathering with friends, family and neighbors.

Gathering is: bringing together and taking in from scattered places or sources.

Based off of this definition we are doing a few things:

1. Change the street so there are defined spaces for benches and picnic tables for people to sit together.
2. Introduce sources in the vacant buildings on Union Place.
3. Have Union Place be a beacon in the micro-neighborhood for **safety, comfort, community and accessibility.**

Outdoor Eating Space



Storage Building

Dedicating a storage space on Union Pl will ensure there is a place to move outside furniture inside during harsh winter weather.



Greenery



Defined Crosswalks



Enhanced Street Lights



Co-Op

While there are other food stores and markets in the area we think a Co-Op which can offer whole-sale options and local produce would be a welcomed addition to the micro-neighborhood.

Site Analysis

A Change in Perspective



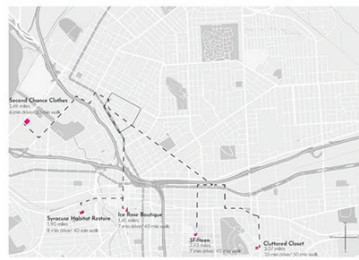
What shouldn't happen in the neighborhood, could happen with neighborhood."

Nathan Link Logan, Resident

Micro-Neighborhood Second Hand Store Proposal

- Second Hand Store
- 1.5-2 miles Ice House Boutique
- 1.5-2 miles Second Chance Clothing
- 2.5 miles Sparrow/Tulane Receiver
- 1.5-2 miles 27th Ave
- 1.5-2 miles Oldwood Closet

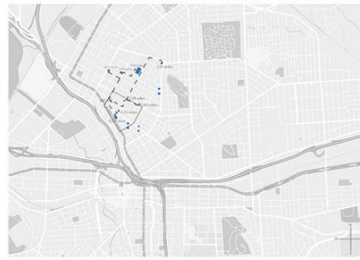
Conclusion: Second Hand Stores are more than a niche market. Having a second hand store in Union Place would provide a location that residents are familiar with and have clear access to.



Micro-Neighborhood Co-Op Proposal

- Local Specialty Grocery Store's Larger Counter
- 1.5-2 miles Balthasar Commission
- 0.5-1 miles Sparrow/Tulane Receiver
- 0.5-1 miles Highgate Station
- 0.4-0.5 miles Stop and Shop
- 0.5-1 miles Park Street Market
- 0.2-0.3 miles North Lake Grocery Store
- 0.2-0.3 miles Food Street Market
- 0.2-0.3 miles All American Market
- 1.5-2 miles Jernigan Market

Conclusion: A Co-Op would add a wholesale option to the more neighborhood along with access to fresh produce.



Micro-Neighborhood Bike Kitchen Proposal

- Bike Shop
- Proposed Bike Kitchen

Conclusion: Bike repair shops are few and far between in Northside. A Bike Kitchen would allow residents to have a central location for repairs and build community.

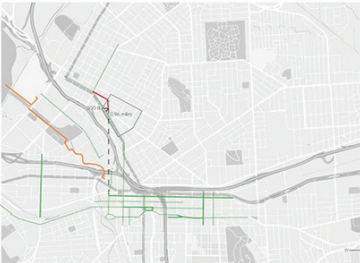


Micro-Neighborhood Bike Path Proposal

- Dedicated Bike Lane
- Bike-Friendly Road
- Bike Path
- Proposed Bike Lane Road
- No Bike Path

100% to the street bike friendly road
 50% to the street dedicated bike lane road

Conclusion: An additional bike lane road would benefit the more neighborhood because of the lack of dedicated bike lane roads in the area.



Second-Hand Store
 A second-hand store would provide the community with a closer resource to find coats, shoes, and other necessities.

Bike Kitchen
 Bike repair shops are few and far between but establishing a bike kitchen will bring a community that primarily uses biking or walking as their main mode of transportation, a place to come and have bike resources.



The Streetscape

Goals:

Our goal is to bring **resource access** to this Northside micro-neighborhood. Resource access means that we will be building places the community can rely on and use regularly.

Wishes

Introducing clear walk paths around the intersection of Kirkpatrick, Alvord and Union Place.

Incorporating a Co-op, bike kitchen, storage and supply, second-hand store on Union Place.

Bringing to Union Place:



schematic design

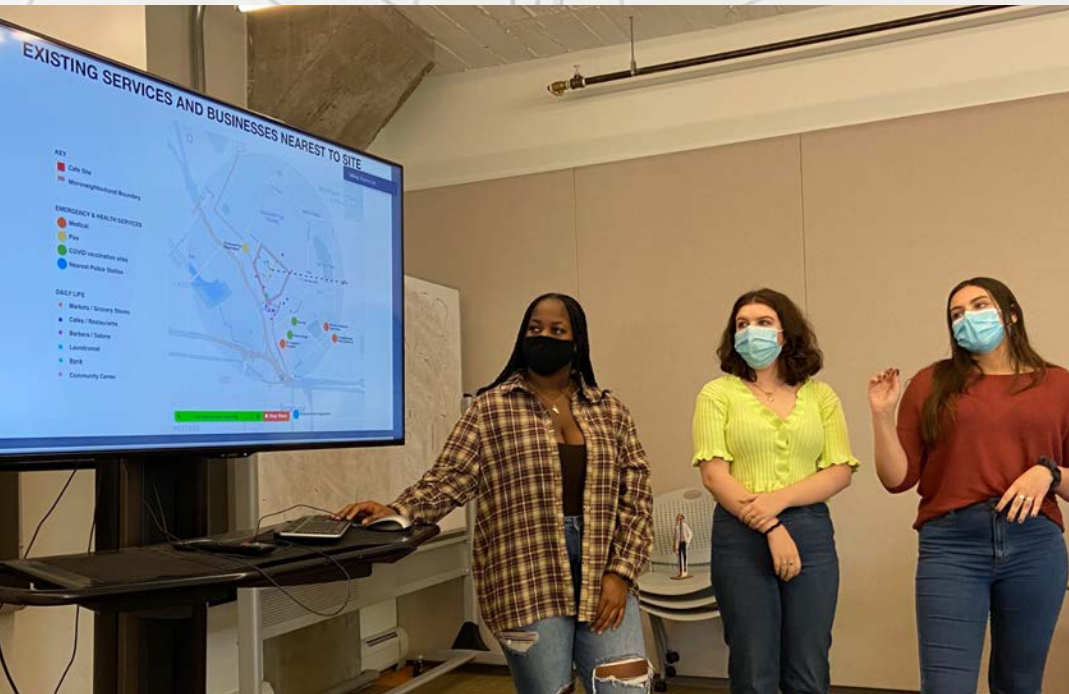
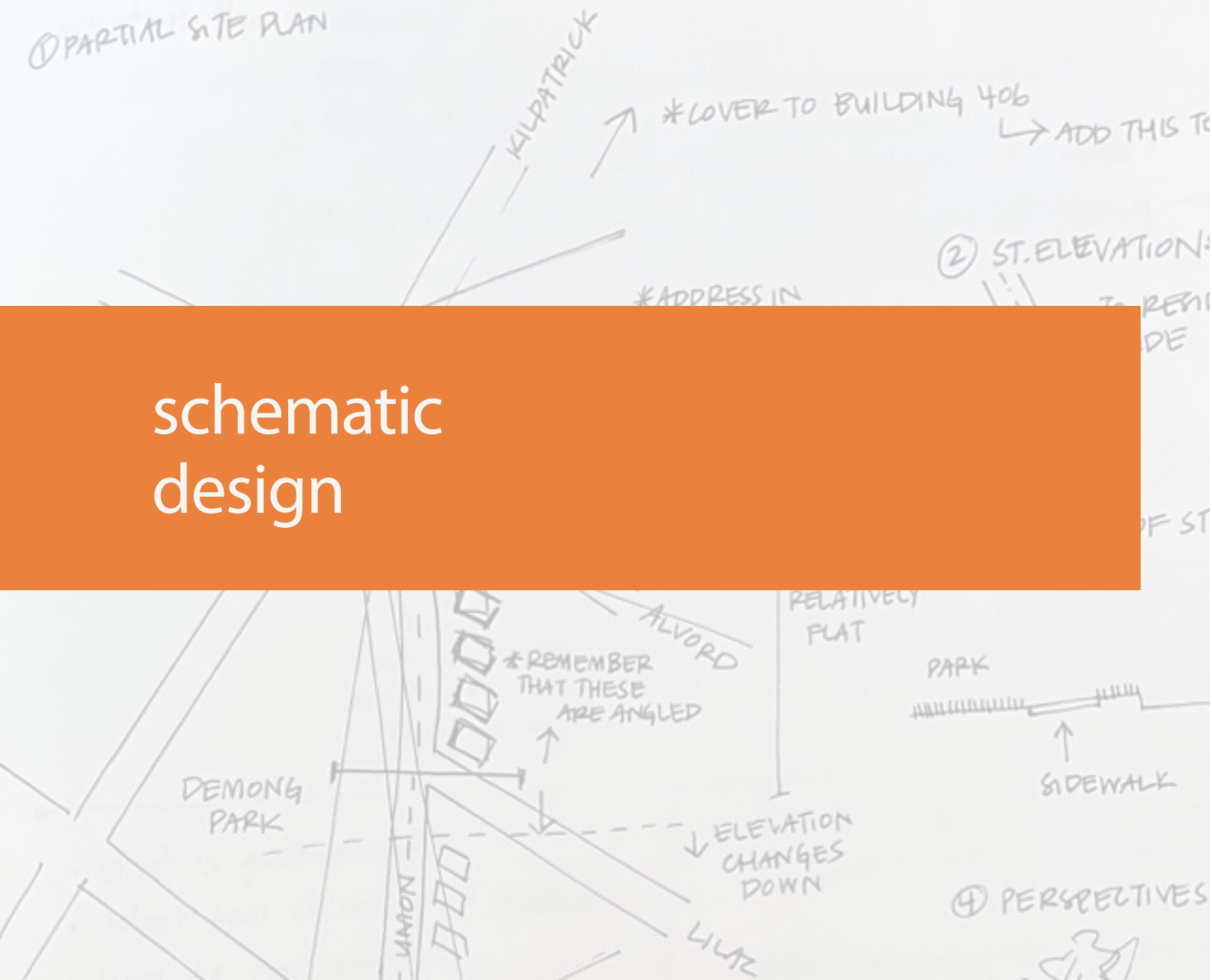
After meeting with the client and discussing their wants and needs for the space, each team began the Schematic Design process. During this phase of design, teams began their ideation through the creation of various diagrams and visual representations.

At the end of this stage, each team created a presentation including mood boards, material boards, spatial diagrams, floor plans, building elevations and sections, and renderings.





schematic design



In order to understand the needs and relationship between different spaces within the building, students created bubble diagrams during the Schematic Design process.

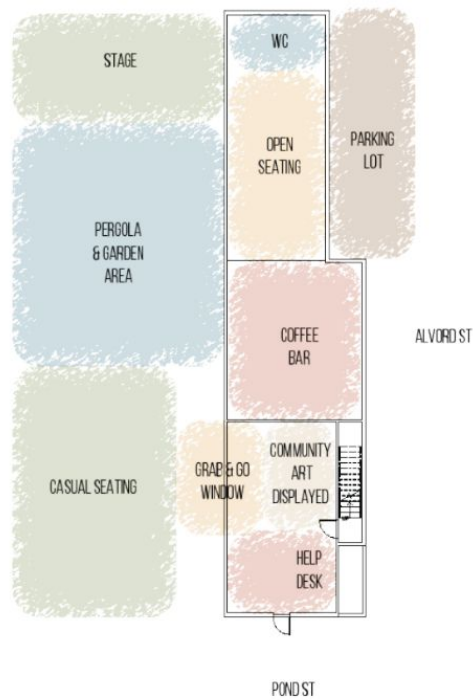
Students' diagrams demonstrated proposed changes using color coordination and presented initial spatial concepts.

BEOW
Site Analysis: Sachi Cecchetto, Caroline Noone, Jessica Philips,
Destiney Sandle

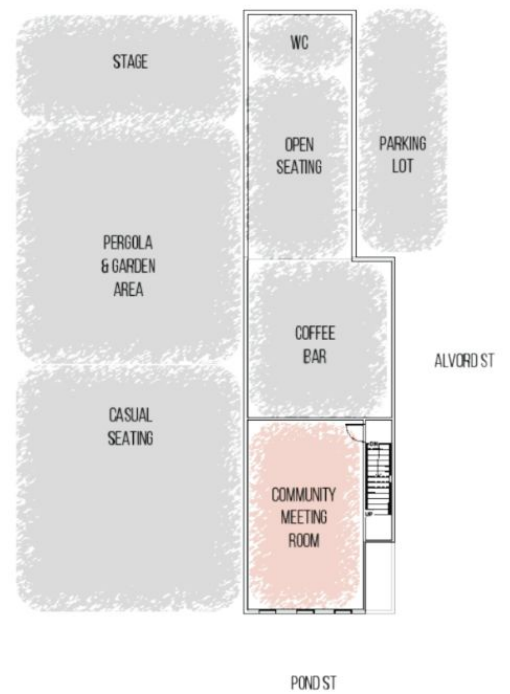
Block Diagram: Meaghan Gibbons, Jasmine Rust, Amina Shinassylova



211 POND ST - LEVEL ONE

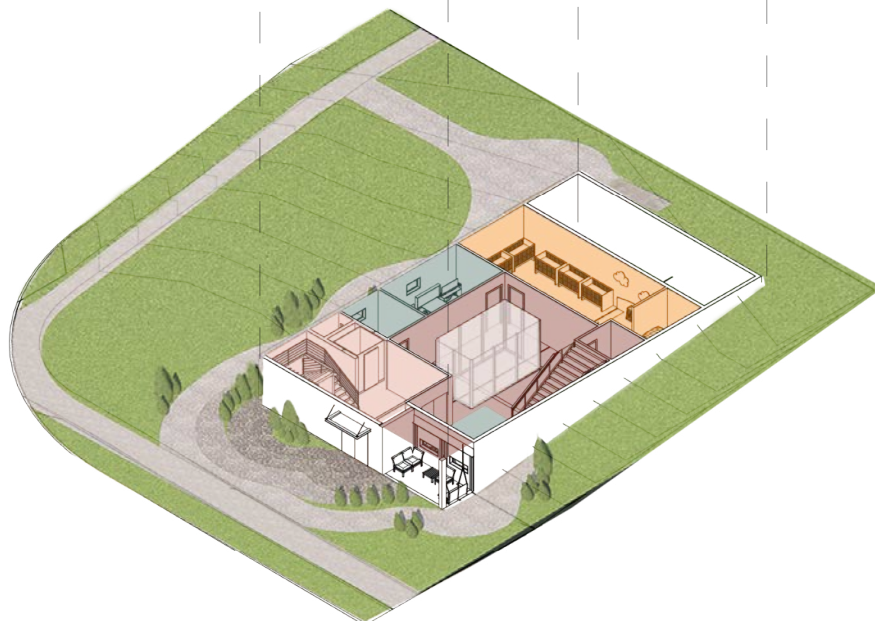
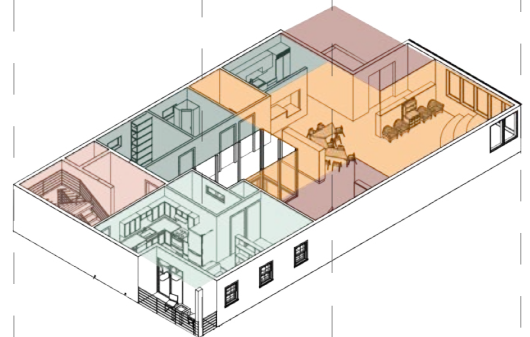
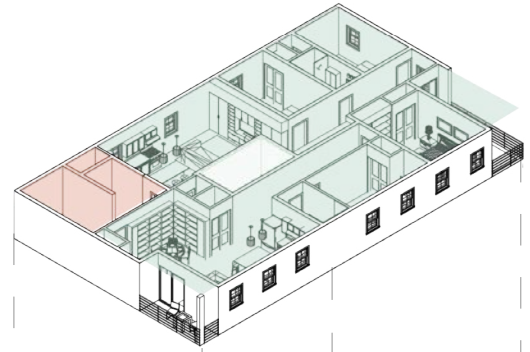
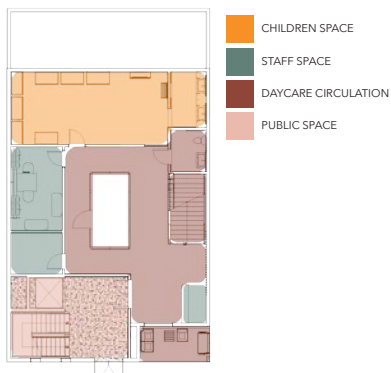
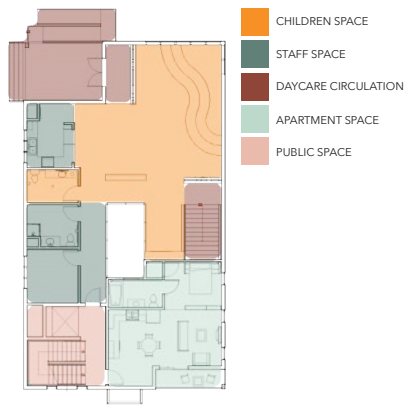
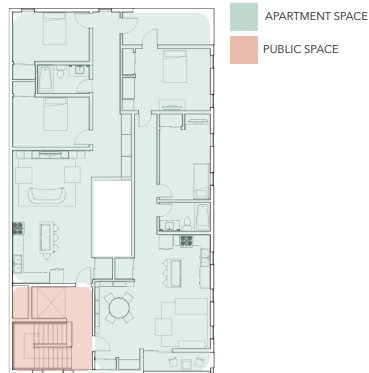


211 POND ST - LEVEL TWO



design development:

At the end of the Schematic Design phase, students presented their proposed design concepts. With the clients' blessing, students continued to study their design further in the Design Development phase. The design documents produced in this phase includes: site plan, detailed floor plans including specific materials and finishes, building elevations, building sections, wall sections, and renderings.



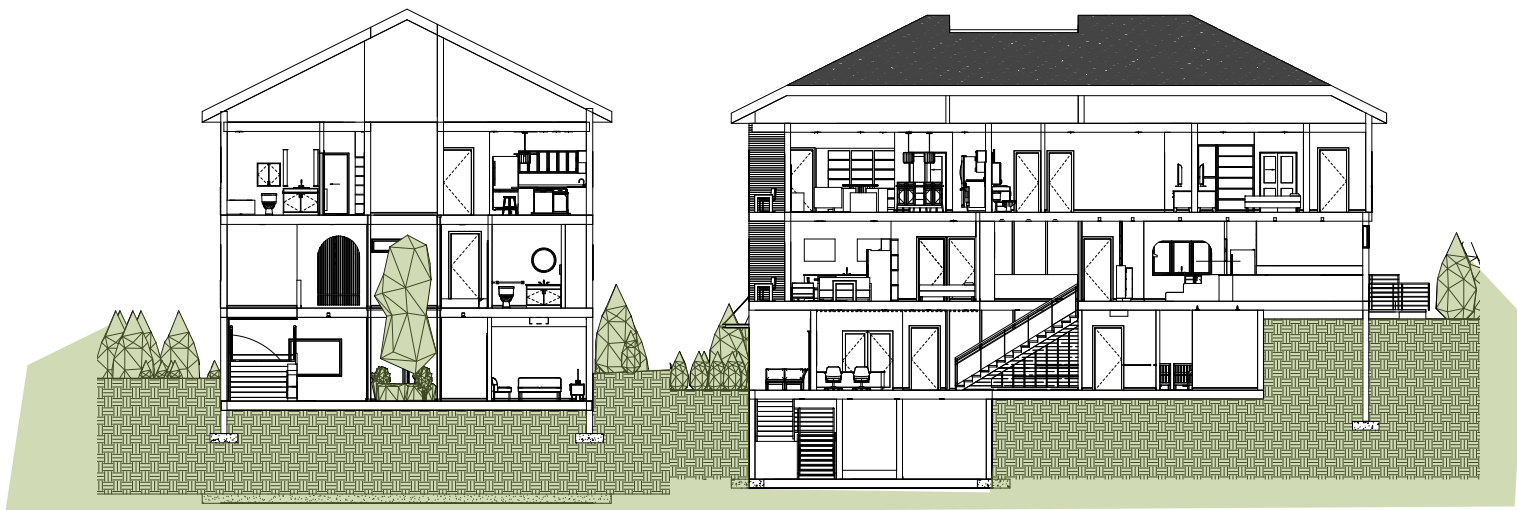
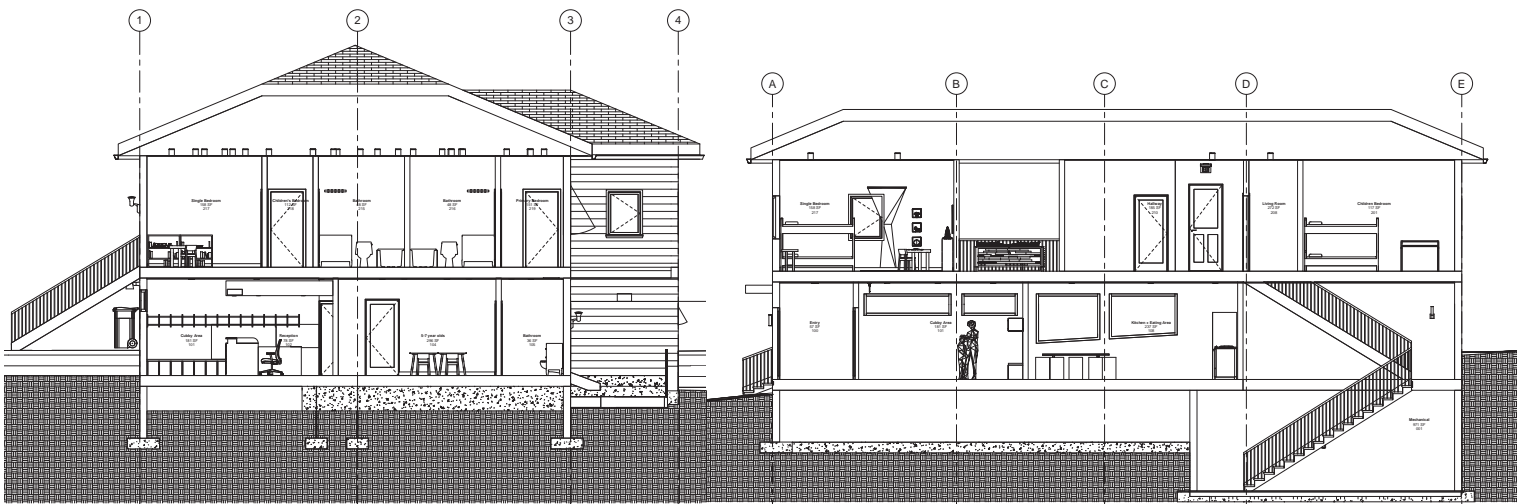
LEFT AND BELOW

Bubble Diagrams: Libby Dy, Lauren Henry, Wanting Li, Zhiheng Zhang

Block Diagrams: Jasmine Rust, Amina Shinassylova, Measghan Gibbons

Floorplan Diagrams, Exploded Axon, and Building Section: Jessica Phillips, Sachi Cecchetto, Destiney Sandle, Caroline Noone

Building Section: Lexi Anzalone, Elle Ferreri, Ella Cropper





Engineered
hardwood

Closet storage
solution

A B C D E F G
H I J K L M N
O P Q R S T
U V W X Y Z

Painted cabinets

Children's room

Bench w/
storage

ABOVE
Finishes and Materials Selection: Lexi Anzalone, Ella Cropper, Elle Ferreri

RIGHT
Interior Renderings: Sachi Cecchetto, Caroline Noone, Jessica Phillips, Destiney Sandle

design development:

Soft & neutral
color palette



Ample wall
storage

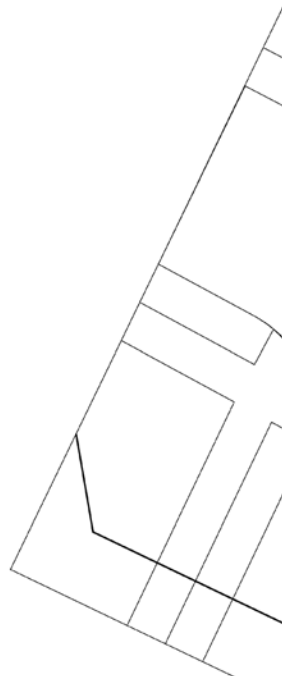




A1.23	Second Floor Reflected Ceiling Plan
A2.01	Exterior Elevations
A2.02	Exterior Elevations
A3.01	Longitudinal Building Section
A3.02	Transverse Building Section
A4.01	Wall Sections
A5.01	Interior Elevations
A5.02	Interior Elevations
A5.03	Interior Elevations



VICINITY MAP
NTS



As the final phase of design development progressed, students prepared furniture, fixture, and equipment booklets. Contractors and clients could use these to turn these designs into reality.

Our design development documents included: siteplan, floor plans, ceiling plans, furniture plans, finished floorplans, building selections, interior elevations, and FF&E.

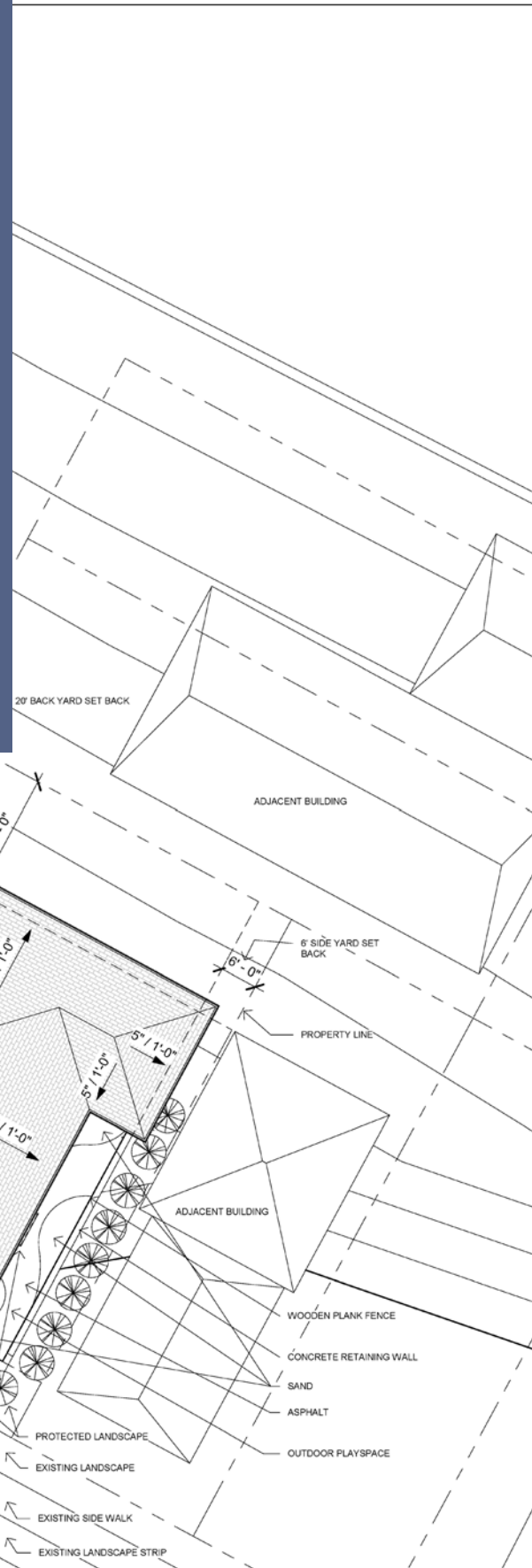
design development & design presentation:

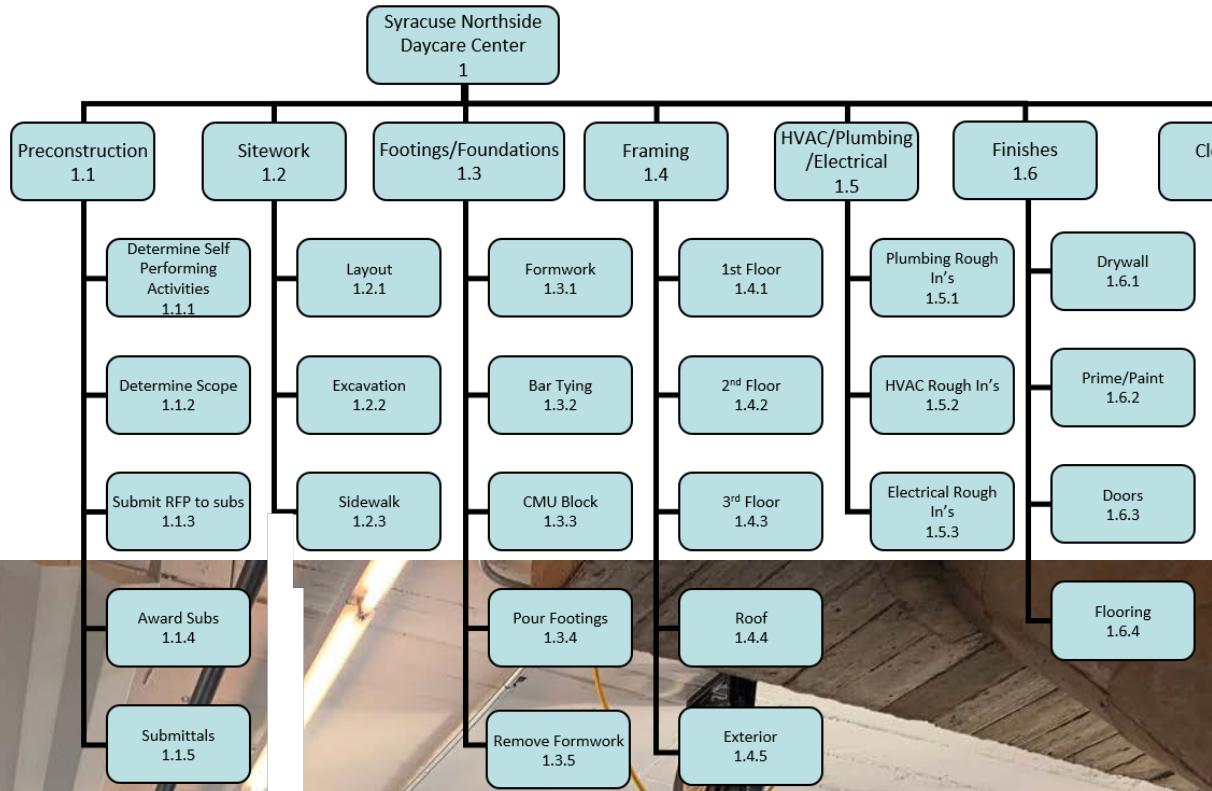
Students delivered their design presentation to clients from Hopeprint in November, and submitted final design development documents in December.

Construction management students from ESF were introduced to the projects the following semester.

BELOW

Site Drawing: Libby Dy, Lauren Henry, Wanting Li, Zhiheng Zhang





Design + Construction Management

oseout
1.7

Final Inspection
1.7.1

Punchlist
1.7.2

C of O
1.7.3

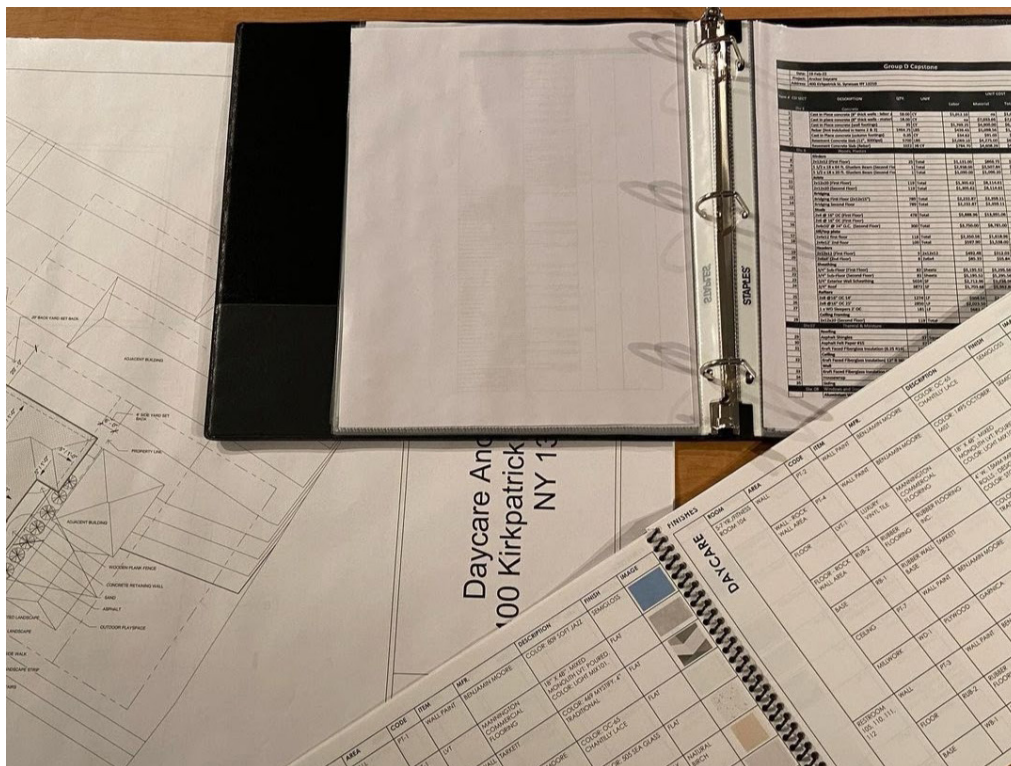
Following the design presentation, students initiated project kick off meeting where the design students re-presenting design concepts and shared construction document files with the construction management students at SUNY ESF.

Once the communication channels were established, the ESF students studied the construction documents and Finish, Furniture, and Equipment Booklets (FF&E). Over the course of (4) weeks, students from both schools communicated via emails. Files were shared through Google Drive.

In order for supplying construction management packages of high standards, during preparation stage, we grouped CME students into A-E five competition teams with one Project Manager (PM) and three members in each team. These five PMs took the dual role of intra-team leader and inter-team coordinator during the entire project process. Each team set up one working folder via Google Drive to develop and store all the documents related to Hopeprint project.

Our official kick-off conference was held on February 1, 2022. This conference initiated the mutual recognition between CME and EDI students and the preliminary understanding of CME students on the project through the informative presentations from EDI students. EDI students presented innovative designing concepts, goals and products along with detailed construction documents. During kick-off conference, the communication methods between design-construction partner teams were determined.

On the information from EDI partner teams, CME students organized team meetings to research, discuss and plan the construction process of Hopeprint. Every team was required to prepare a construction management package including 1) Organization structure; 2) Quantity take-off, cost engineering and estimates; 3) Construction scheduling; 4) Value engineering; 5) Energy saving measures.





Design + Construction Management

Interdisciplinary collaboration environment

Real-world problem-solving experience

University-community engagement



All the students appreciate this valuable interdisciplinary collaboration opportunity. Within two months of hard working, under the collaborative assistance from EDI students, CME students have been able to successfully deliver the packages consisting of required items of reasonable quality given time constraints. Eventually, this interdisciplinary capstone collaboration process has been super successful in terms of student learning outcomes, instructor teaching effects and community engagement. Compared to previous capstone project experiences, multiple benefits can be observed through this fruitful interdisciplinary collaboration process among SU, YWCA and SUNY-ESF.

While it is not uncommon for CME students to work in teams during their four-year college education, those team works often happen within single homogeneous discipline (i.e. CME). Yet, this **collaboration project with SU** provides a unique opportunity for the students to work with students from a distinct discipline (i.e. EDI students) which can help the students of both disciplines learn more beyond their own curriculums. Apparently, this experience of broadening their horizons can significantly benefit their future career development. As such, students from both disciplines were highly motivated to work seamlessly during the process.

This is really a **problem-driven project from a real world**. Hopeprint expressed their needs for building renovation through novel design on layout and functions. With customized design schemes from EDI students, constrained to existing conditions, CME students developed project-specific problem-oriented construction management programs. The real-world problem-driven nature enabled the students to be highly engaged in the project. It expected to help students more easily transit from college education to industry practice with critical thinking capability which is an important learning objective in this capstone class.

Community engagement has been claimed as a new paradigm of university development. In this renovation project, Syracuse University and SUNY College of Environmental Science and Forestry worked with the local community partner Hopeprint. Scientific knowledge from institutions and practical experiences from community partner were integrated during project implementation. Consequently, this community-engaged project created an appropriate circumstance of generating, transforming and leveraging professional knowledge for both disciplines. It can not only benefit the development of more attractive curriculums in both colleges but also promote the economic growth of local community.

Endong Wang, CPC, LEED AP BD+C
Associate Professor of Sustainable Construction at SUNY-ESF





Design + Construction Management Teams



HOPEPRINT x Community Design

Levi Anzalone, Elie Femeni, Ella Cropper

Hopeprint

Led by founder and CEO Nicole Wirth, Hopeprint is a social enterprise that connects people in need and communities to prosper in place. The nonprofit reuses vacant lots to build affordable housing and provides home care services for the elderly. They have found that people are greatly affected by the place they live in and how they live. They are committed to providing a high-quality living environment for all, and are currently working on a multi-phase investment strategy that addresses the needs of the Northside community.

Our Goals

Hopeprint believes that every child deserves a safe and healthy home. In the Northside neighborhood, there are many children who live in substandard housing. Consequently, we believe creating a safe and healthy home is a critical goal for the area. Our goal is to create a central hub for the area with our daycare at the center. We expect that the daycare will help to provide a safe and healthy living environment for children, and will help to attract local investment and create jobs.

Project Overview

The project is a multi-story building with a ground floor and one level of apartments above. The ground floor will be used for the daycare, and the apartments will be used for the community center. The building will be built on a vacant lot in the Northside neighborhood. The project is a multi-phase investment strategy that addresses the needs of the Northside community.

Design Concept

Our goal for the daycare is to provide a safe and healthy environment for children. The daycare will be built on a vacant lot in the Northside neighborhood. The project is a multi-phase investment strategy that addresses the needs of the Northside community.

Site Map



Contextual Mood Board



Goals for Daycare:

- gathering area
- community space
- cultural hub
- bike friendly neighborhood
- integrating commercial businesses while maintaining residential use
- uplifting cultural values of the Northside
- increase safety

Work Breakdown Structure

Level	Item	Quantity	Unit	Cost
1.00	1.10	1	sq ft	1000
	1.20	1	sq ft	1000
	1.30	1	sq ft	1000
	1.40	1	sq ft	1000
	1.50	1	sq ft	1000
	1.60	1	sq ft	1000
	1.70	1	sq ft	1000
	1.80	1	sq ft	1000
	1.90	1	sq ft	1000
	1.00	1	sq ft	1000



Daycare Inspiration and Materials Board



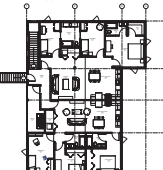
Apartment Inspiration and Materials Board



Materials Board



Apartment Floor Plan



Single Bedroom



Daycare



Multi-Purpose Space



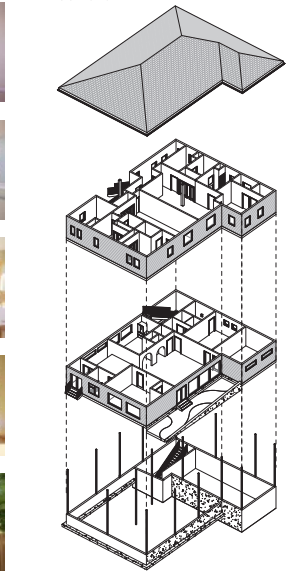
Day Classroom



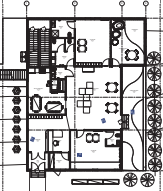
Outdoor Play Space



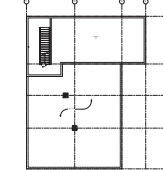
Architectural Diagram



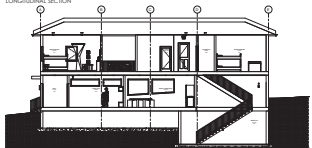
Daycare Floor Plan



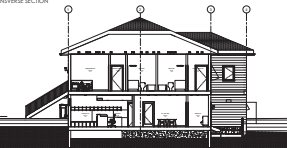
Basement Floor Plan



Longitudinal Section



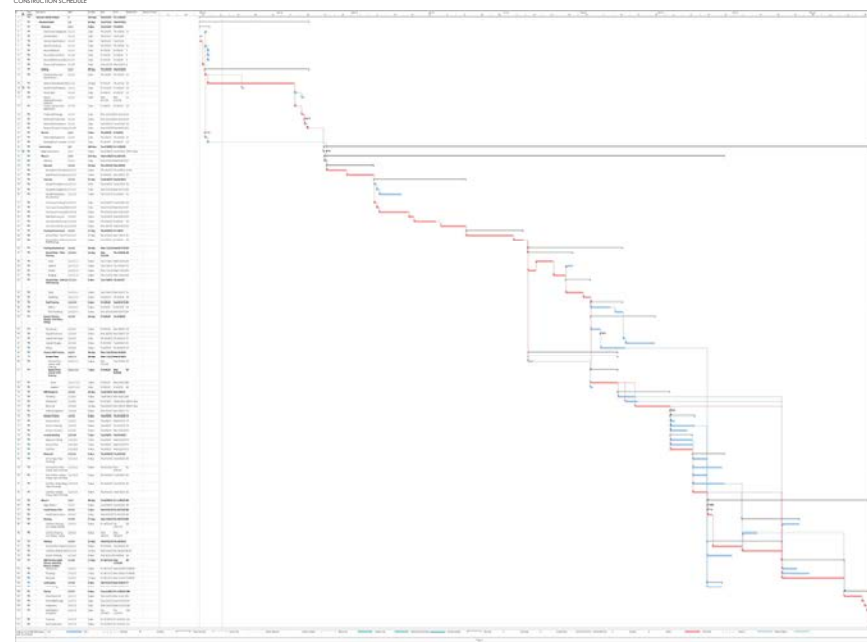
Transverse Section



Cost Table

Item	Quantity	Unit	Cost
1.10	1	sq ft	1000
1.20	1	sq ft	1000
1.30	1	sq ft	1000
1.40	1	sq ft	1000
1.50	1	sq ft	1000
1.60	1	sq ft	1000
1.70	1	sq ft	1000
1.80	1	sq ft	1000
1.90	1	sq ft	1000
1.00	1	sq ft	1000

Construction Schedule



Design + Construction Management

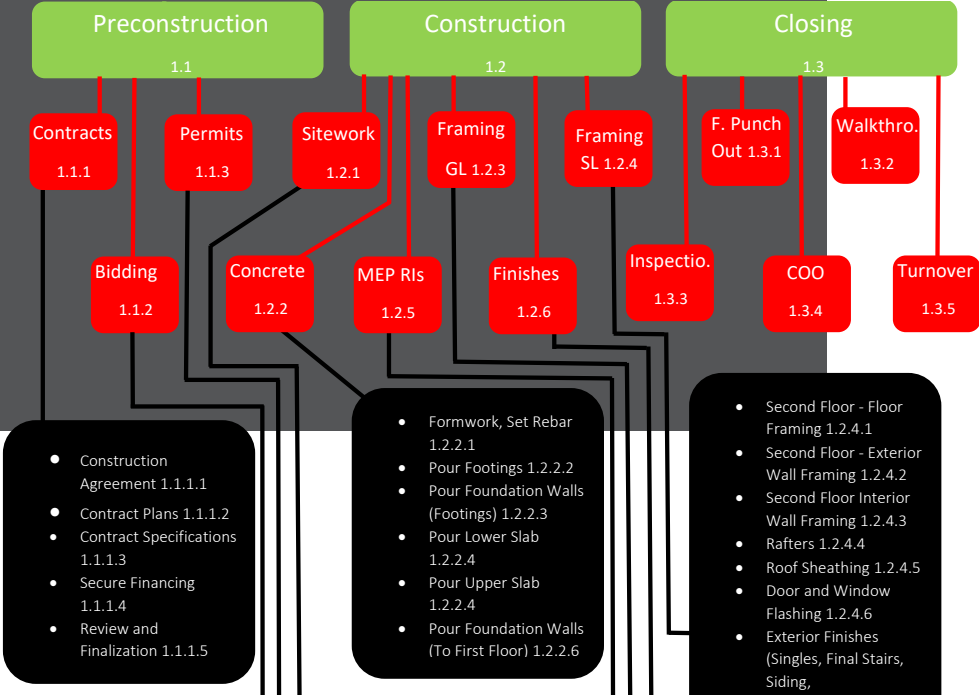
SU Environmental & Interior Design:
Lexi Anzalone, Ella Cropper, Elle Ferreri

SUNY ESF Construction Management:
Jean-Claude Rigano, Travis Roller, Brian Shea, Brien Gorman,
Bethany Stuart

Union Street, located in the Northside neighborhood of Syracuse, has the potential to be an established and vibrant cultural hub. We intend for the re-imagined street design to have a positive effect by attracting and retaining residents.

At the anchor of Union Street, the daycare will act as a central location for working parents to drop their children off. Our intent for the daycare is to provide a space for the children of the Northside neighborhood to grow by socializing with children from the many ethnic backgrounds present in the area, learning developmental skills, and playing in a safe environment. The apartments above are intended to house mothers running small at-home daycare facilities and families from the community. Overall, this building allows all occupants access to wellness and provides opportunities for them to thrive in their new community.

Our construction management team developed a total project quantity take-off, a conceptual cost estimate, and a project schedule. The partnership between the design and construction team will bring Blueprints a promising building in their goal of improving Syracuse’s image.





You are Invited to:

Community Design Exhibition

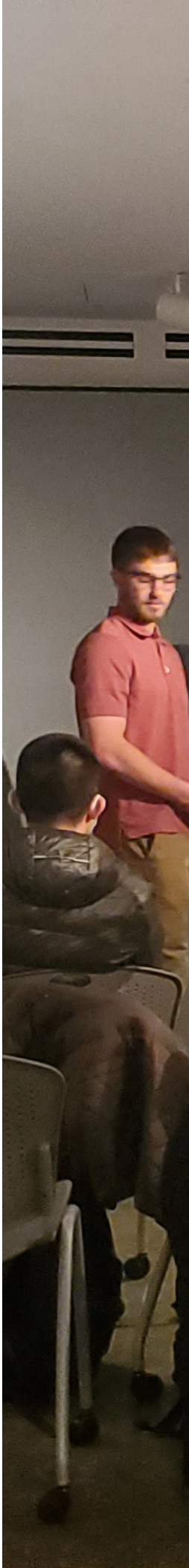
Meaningful Partnership Series

Nancy Cantor Warehouse
350 W Fayette St.
Sue and Leon Genet Gallery

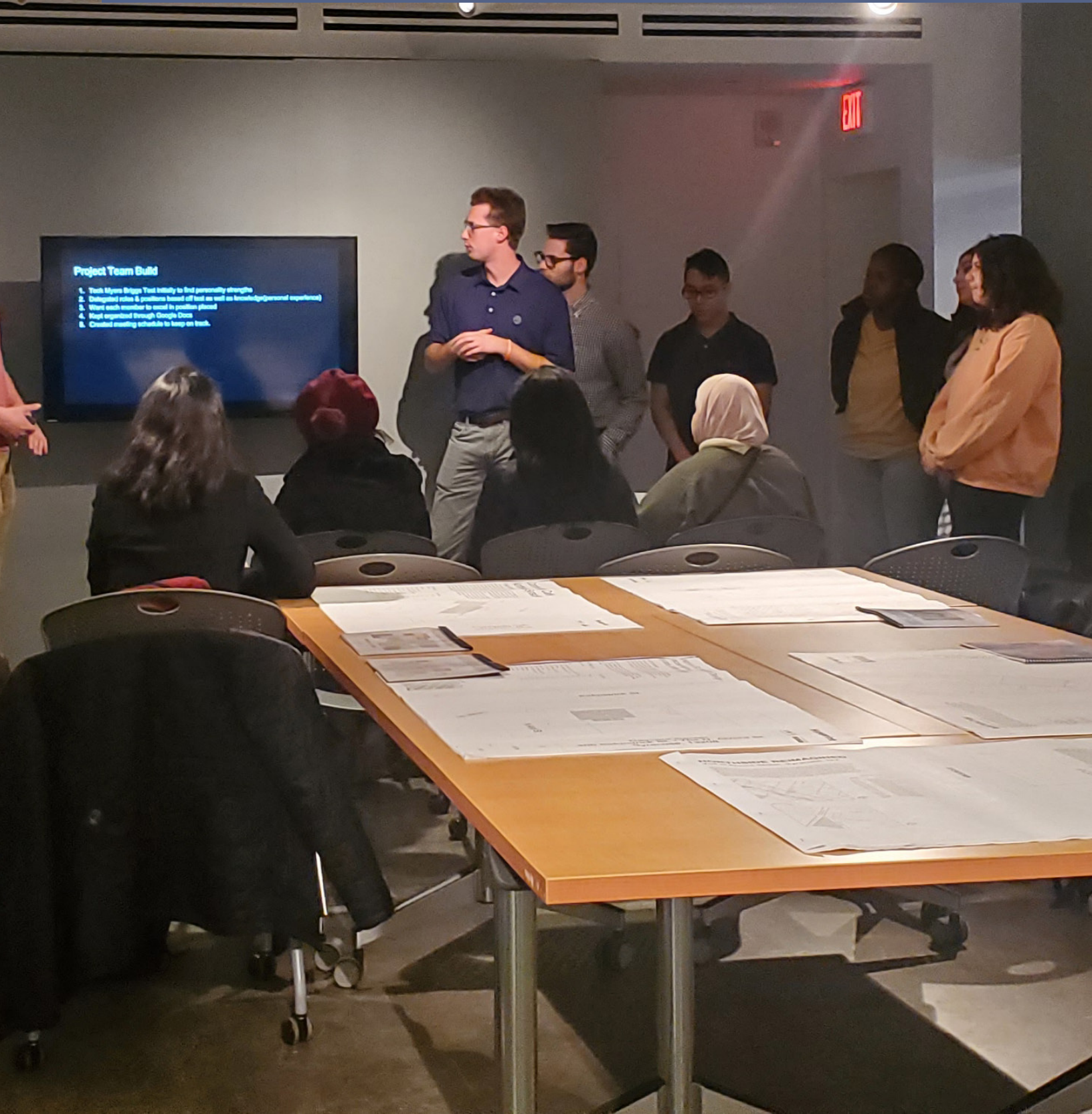
March 28 – April 1, 2022
Reception: Tuesday, March 29 @ 12:30

To celebrate our collaboration together, a comprehensive design and construction exhibition was held from March 29 to April 1, 2022 at the Sue and Leon Genet Gallery at the Nancy Cantor Warehouse.

ABOVE
Exhibition Invitation Design by Libby Dy



Meaningful Partnership Exhibition 2022



Project Team Build

1. Each Member Begins Team Individually to find personal strengths
2. Determined roles & positions based off list as well as knowledge/personal experience
3. Want each member to stand in position placed
4. Meet organized through Google Docs
5. Created meeting schedule to keep on track.



Meaningful Partnership Exhibition 2022



Without quality collaboration, construction project may never successfully occur! Our Construction Management Engineering (CME) students (CME '22) at State University of New York College of Environmental Science and Forestry (SUNY-ESF) have been so excited to receive this collaboration opportunity with the talented Environmental and Interior Design (EDI) students (EDI '22) at Syracuse University (SU). We are very grateful to this project opportunity offered by Hopeprint of Syracuse & Onondaga County.

Endong Wang, CPC, LEED AP BD+C
Associate Professor of Sustainable
Construction at SUNY-ESF

special thanks:

Environmental and Interior Design Syracuse University

Lexi Anzalone
Megan Battafarano
Nicole Blanchard
Sachi Cecchetto
Ella Cropper
Libby Dy
Elle Ferreri
Meaghan Gibbons
Lauren Henry
Kiki Hall
Wanting Li
Caroline Noone
Jessica Phillips
Jasmine Rust
Amina Shinassylova
Destiney Sandle
Zhiheng Zhang

Zoriana Dunham
Program Coordinator
Environmental and Interior Design

Lisa Soltren
Manager, The Sue and Leon Genet Gallery
Museum Studies Graduate Candidate
Museum Studies

Construction Management SUNY ESF

Matt Borel
Max Brandes
Emanuel Cho
Patrick Collins
Andrew Crossway
Joey DeSocio
Dakota Fillion
Brien Gorman
Tommy Harvey
Jamayel Hussain
Violet Jensen-Moulton
Michaela Khadabux
Hugh MacLellan
Jack McConnaughay
Lukas Parbst
Jean-Claude Rigano
Travis Roller
Brian Shea
Bethany Stuart
Katherine Tantalo
Benjamin Uetz
Luke Vodicka
Nathan Wojslaw
Helna Zhen

Endong Wang, Associate Professor

Hopeprint

E. Nicole Watts, Founder

Hopeprint

Dear Syracuse Community Stakeholders,

It has been a pleasure to work with the Community Design Studio collaboration, and to benefit from the all of the work the students and their excellent professors, Seyeon Lee and Endong Wang, put into the project! Hopeprint started in 2010 as a grassroots, neighborhood organization on Syracuse's Northside, opening up our home and lives to the large numbers of resettling refugees and New Americans starting a new life in our shared community.

After our first decade in the neighborhood, we identified that there was a need to focus our energy on the space where people and place come together, leading us to refresh our mission to now read as follows: *Unifying diverse communities, rich in culture and connectedness, to prosper in place.* We carved out a microneighborhood of the Northside to begin focus on that is within reach of our existing spaces; it is bounded by N Salina / Kirkpatrick / Park St / E Division in the 13208 zip code.

Since 2020, we have been working with fellow microneighborhood residents and stakeholders to get an understanding where the felt needs and aspirations lie. This led to the co-development of a Microneighborhood Reinvestment Strategy released in December 2021, and detailed plan development is currently underway under the leadership of a Neighborhood Vision Council and an excellent network of partners on working groups.

It is in this effort that we were able to partner with the students to come up with draft designs and pricing for two anchor, mixed-use buildings slated to be built on the Pond Street and Union Place in-neighborhood, business corridors. Students were briefed by the team working on this project to understand the context, and brought their educational learning and skills to bear to provide us with this excellent set of proposals.

Hopeprint will be using these proposals as a means to engage the local residents and stakeholders further to select the preferred options, and engage funders in making these new construction projects possible. We are grateful to have such an excellent set of drawings and estimates to be able to use to this end.

Thank you to each of you who participated in this project, and we look forward to bringing it to life!

Sincerely,



E. Nicole Watts

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