

Hello, I am Roel!

As I wrap up my Undergraduate Program at the **University of Waterloo School of Architecture**, I have found heavy interest in your open position!

I believe that architecture can be a tool to transform humanity with **inventive design and constant adaptation**. I love to challenge myself and strive to assist with projects that prioritize the **wellbeing of humans and their built environment**.

Contacts

Email
rcalosa@uwaterloo.ca

Linkedin
Marc Roel Calosa

Phone
9053023792

CURRICULUM VITAE

Experience

ARCHITECTURAL INTERN | JANUARY 2026–APRIL 2026

DTAH | Toronto, ON

- Supported the 100% DD submission of a mixed-use project by developing Fire Safety, Unit Plan, and Elevation sheets on Revit.
- Led facade studies by rendering design iterations, material boarding, producing brick coursing drawings, and contacting distributors to further develop the outline spec using Twinmotion, Photoshop, Revit, InDesign and Excel.
- Assisted with the cleanup of the working model by purging the landscape geometry on Rhino.

ARCHITECTURAL INTERN | JANUARY 2025–AUGUST 2025

ARQUITECTONICA | New York City, NY

- Conducted Facade and Bleacher Studies for the International Swimming Hall of Fame's DRC submission by modelling, rendering, and producing sheets using Revit, Enscape, and Photoshop.
- Assisted with Miami Dade County Auditorium's CD submission by developing siteplans, enlarged floorplans, and interior elevations on Revit
- Developed Life Safety Plans for 3 projects by setting up sheets, tags, schedules, and reviewing zoning codes for NYC and Florida.

RESEARCH ASSISTANT | MAY 2024–AUGUST 2024

REHOUSING | Toronto, ON

- Produced "pre-approved" floorplans of newbuild multiplexes using programs such as Rhinoceros and Illustrator to ensure that drawings which abide by the OBC were readily accessible on ReHousing's website.
- Developed axonometric drawings of a typical Toronto suburb containing varying multiplexes to contextualize accompanied floorplans on the Rehousing platform.
- Conducted studies on Toronto's residential zones to assist with the development of ReHousing's floorplan matrix.

ARCHITECTURE INTERN | SEPTEMBER 2023–DECEMBER 2023

MJMA | Toronto, ON

- Produced quality sheets for aquatic and civic projects in SD, CD, and DD phase using Revit, Rhinoceros, Enscape, Photoshop, Illustrator, and InDesign to ensure that client package deliverables were met on time.
- Assisted with the production of public engagement panels and material boards for a community center to ensure that the client and general public were satisfied with the firm's design proposal.
- Led two internal info sessions on how to use Enscape inside of Revit to ensure that the team would have an efficient workflow when rendering images, applying materials, and applying assets.

ARCHITECTURE STUDENT | JANUARY 2023–APRIL 2023

DIALOG | Edmonton, AB

- Coordinated the assembly of client packages for multiple civic projects amongst the Render, Interior Design, Landscaping, and Architectural Design team to ensure that all deliverables were fulfilled before deadlines.
- Developed coherent drawing sets using Revit, Rhinoceros, Enscape, Photoshop, Illustrator, and InDesign to refine early project ideas.

Distinctions

- "In+/-formal" placed as Finalist for 2026 CASA Student Work Showcase (2026)
- "In+/-formal" featured at CONTINUUM Roma XLVI exhibition (2026)
- Photo-Voice Project featured at the 'TO-BE-LONGING' Design TO exhibition (2026)
- "Glammed-Up Grid" featured at University of Waterloo's Project Review Exhibition (2025)
- "[Co]rridors" featured at University of Waterloo's Project Review Exhibition (2025)
- "3 to 1, Go!" featured at University of Waterloo's Project Review Exhibition (2023)
- Dean's Honours / Term Distinction (2023, 2025, 2026)
- Excellent Academic Standing (2022-2026)

Skills

Proficient in Enscape, Rhinoceros, Revit, Illustator, Photoshop, InDesign, and Microsoft Office

Working Knowledge in Autocad, Twinmotion, 3D Printing, Laser Cutting, and Model Making

Education

UNIVERSITY OF WATERLOO

Cambridge, ON | Class of 2026

Bachelor of Architectural Studies, Co-op Program

ARQUITECTONICA

Arquitectonica International
Cesar Juarez
Project Architect – Associate
104 Fifth Avenue, 6th Floor
New York NY 10011
August 15, 2025

RE: Roel Calosa

To whom it may concern,

My name is Cesar Juarez, Associate and Lead Project Architect at Arquitectonica International, New York Office. I've had the honor to have been designated as Roel Calosa's Intern Development Program Mentor and Supervisor for his 8 month program.

Roel joined our H3 Studio within Arquitectonica, a studio which specializes in Academic, Institutional and Public Projects. He very quickly became a well regarded individual within our team, as his visual presentation skills met the style of our studio; Enscape and Photoshop in particular.

Roel worked closely on ISHOF – International Swim Hall of Fame. A Design Build project with multiple phases and planning components which he generated several updated documents on Revit such as Life Safety Plans and Calcs, Staircase Plans, Overall Exterior Elevations, Finish and Door Schedules to name a few. He particularly helped to consolidate Linked Files within BIM 360. His attention to detail and drawing legibility were appreciated for both phases 'Ocean Rescue' and 'West Building'.

Roel was a great addition to our team, being very approachable, sensible with time management and very diligent during deadlines when needed. We will miss him in our studio but truly hope that you value and appreciate what he can do at your office.

Sincerely,

Cesar Juarez

Project Architect - Associate

Arquitectonica International

January 12, 2024

Re: Reference for Roel Calosa

To Whom it May Concern,

Our office welcomed Roel as an intern for four months in the fall of 2023.

We had the pleasure of working together on the Parliament Slip Reactivation Barge Pool project. Using a variety of programs, including AutoCad which was new to him, Roel produced drawings, 3d images and graphics while working with tight turn around times. He was able to coordinate tasks efficiently while juggling multiple projects and deadlines. His approach was positive and proactive, making him easy to manage.

While assisting the Marketing Department with a public engagement campaign, Roel displayed excellent collaboration skills and was responsive to direction and feedback. Roel took initiative and ownership over the assigned task and the resulting graphics were clear and well-received.

On Glenmore, Roel continued to demonstrate his ability to quickly produce graphic materials and diagrams for the project team. The project architect was impressed by Roel's commitment to acquiring new skills and ability to learn Revit.

Roel took it upon himself to lead a few of our lunch time learning sessions, sharing his skills with the office on Enscape materials and documenting his session on Miro.

Roel's would make a great asset to any office and MJMA would happily welcome him back if the opportunity presents itself.

Sincerely,



Krista Clark, OAA, MRAIC
Senior Associate
MJMA



May 19, 2026

Roel Calosa, BAS Candidate
Waterloo Architecture
University of Waterloo
7 Melville Street South
Cambridge, Ontario, Canada
N1S 2H4

Re: Reference Letter for Roel Calosa

To whom it may concern,

Roel Calosa was employed by DTAH during the spring of 2026 (January – April) to contribute to the detailed design and construction documentation of the Baker District Redevelopment in Guelph, Ontario. The project delivers 400 housing units within a compact built form, incorporating retail at grade adjacent to public open spaces also designed by DTAH.

Roel's contribution to the Baker District included the detailed modelling and visualization of the project's brick masonry podium cladding (including masonry coursing drawings), prefabricated tower cladding, and the interface between at-grade entrances and the landscape architecture of the surrounding urban context (utilizing REVIT, TwinMotion, Rhino and other software tools). Roel also developed the project's material palette including specification research, coordination with suppliers, and the preparation of physical and digital material boards for client review and approval.

As partner-in-charge of the Baker District, I worked closely with Roel over the four-month period and found him to be attentive, hard-working, responsive to feedback, and a great collaborator within the larger project team. Roel demonstrated mastery of the software tools he utilized and worked diligently and steadily to meet all his assigned tasks.

I recommend Roel most highly for any opportunity he may seek out and wish him the greatest success in his future endeavors.

Sincerely,

Megan Torza OAA FRAIC LEED AP BD+C
Partner
DTAH

425 Adelaide St. W
Suite 600
Toronto, Ontario
M5V 3C1

T 416 968 9479
E admin@dtah.com

www.dtah.com

CONTENTS



Professional Work

01-06



In +/- formal

07-16



3 to 1, GO!

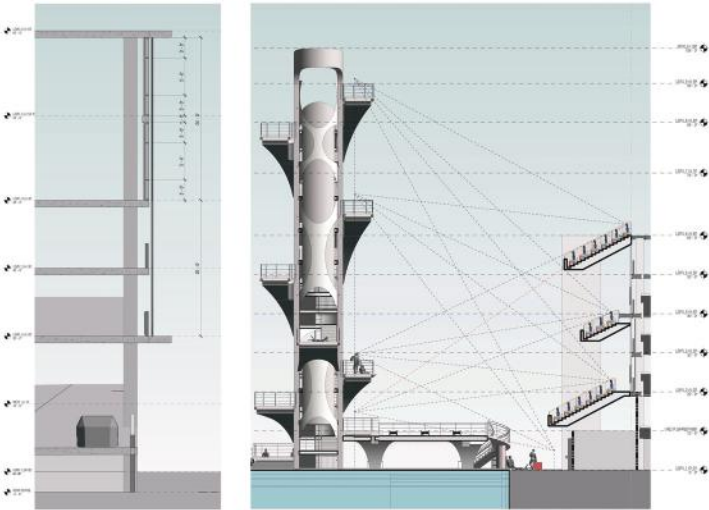
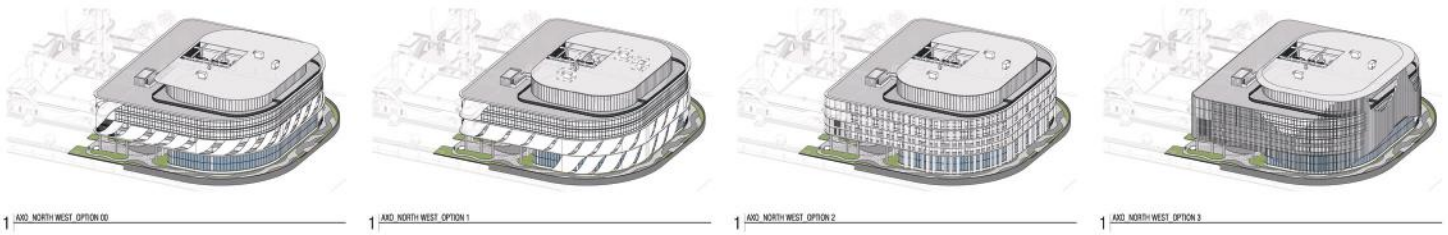
17-26



[Co]riddors

27-38

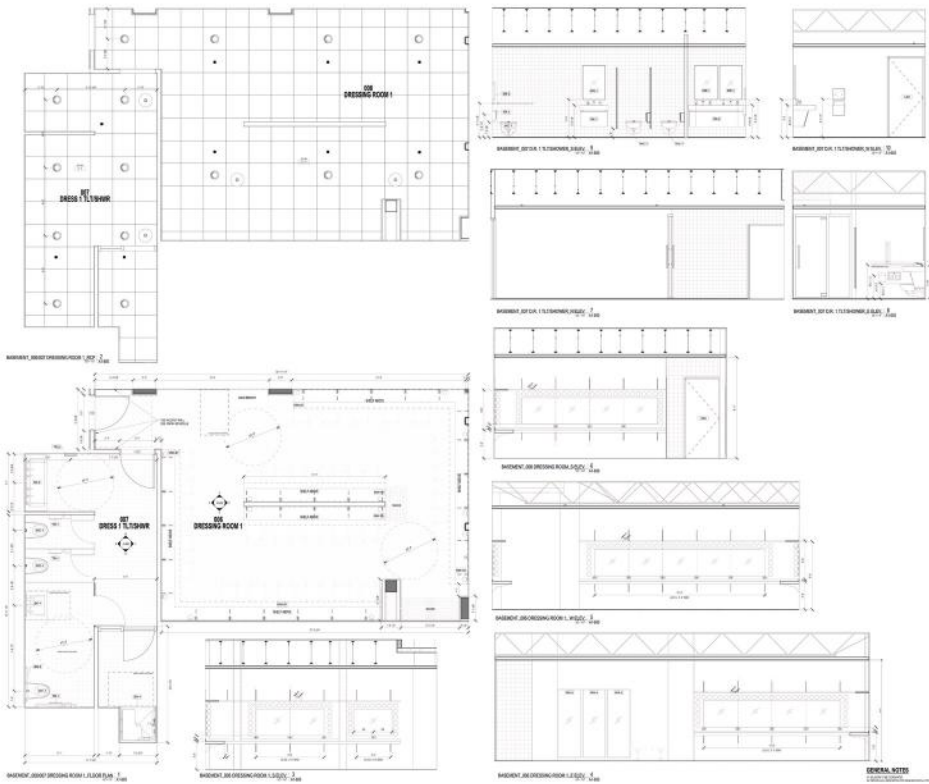
Professional Work



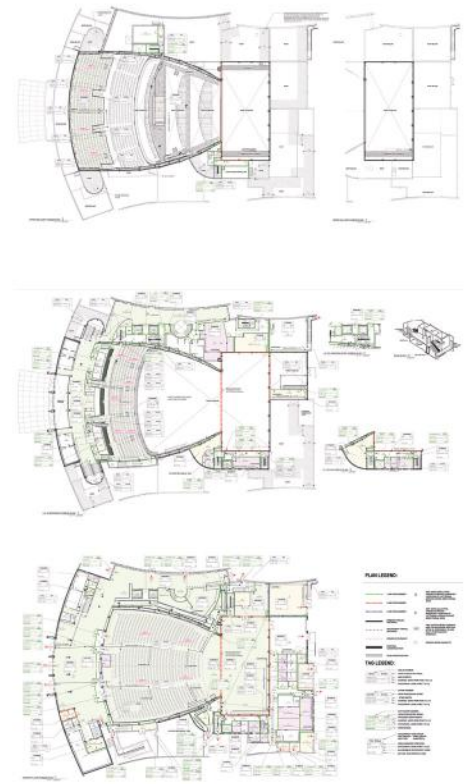
Swimming Hall of Fame Facade and Bleacher Study



Swimming Hall of Fame Render



Dressing Room Plans and Elevations

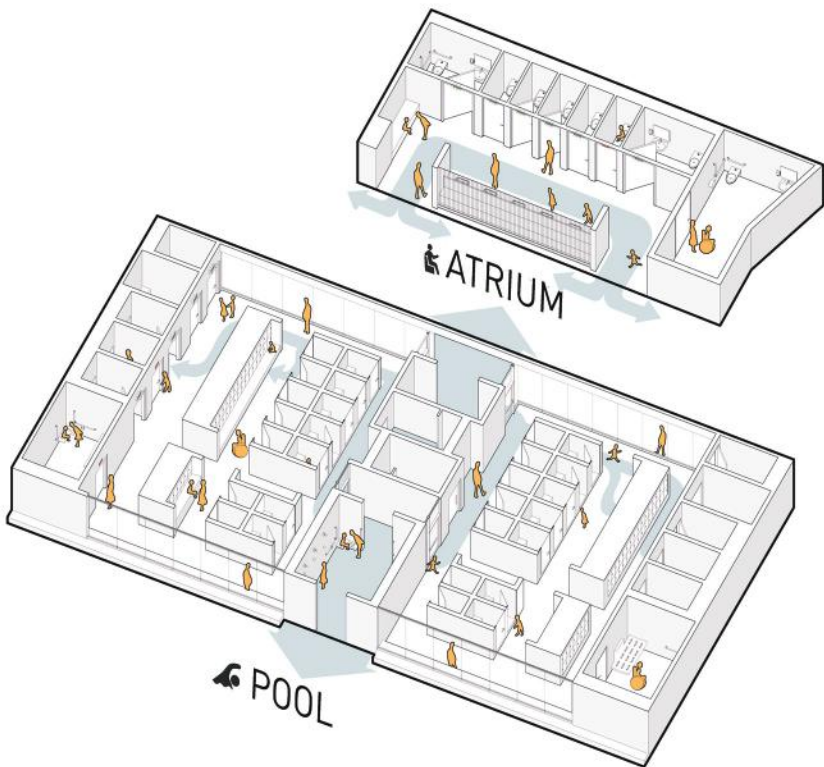


Auditorium Life Safety Plans



Auditorium Render

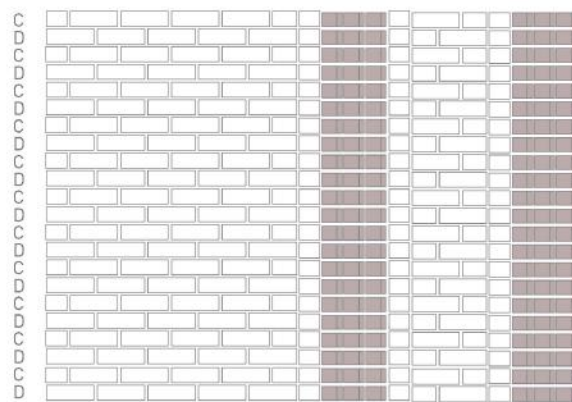
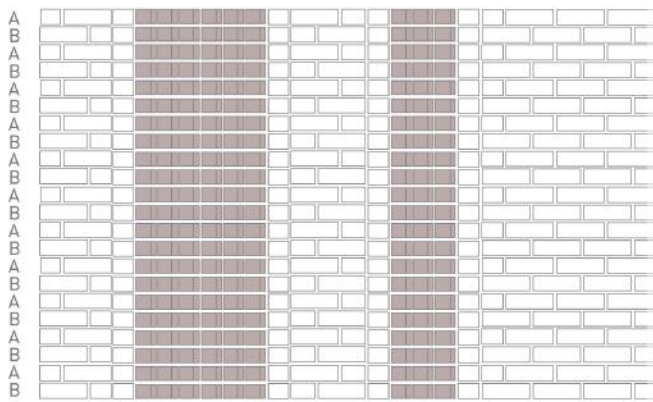
Professional Work



Public Engagement Diagrams

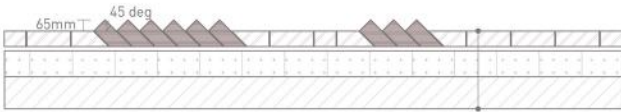


Barge Pool Render



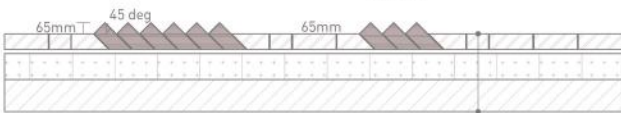
ROW A

148mm 129mm 390mm 221mm 295mm 295mm
(130 each)



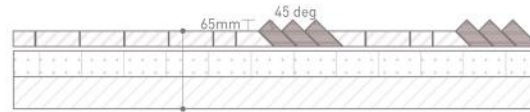
ROW B

295mm 129mm 390mm 221mm 148mm 295mm
(130 each)



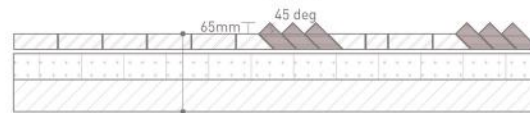
ROW C

148mm 129mm 390mm 221mm 295mm
(130 each)



ROW D

295mm 129mm 390mm 221mm 148mm
(130 each)

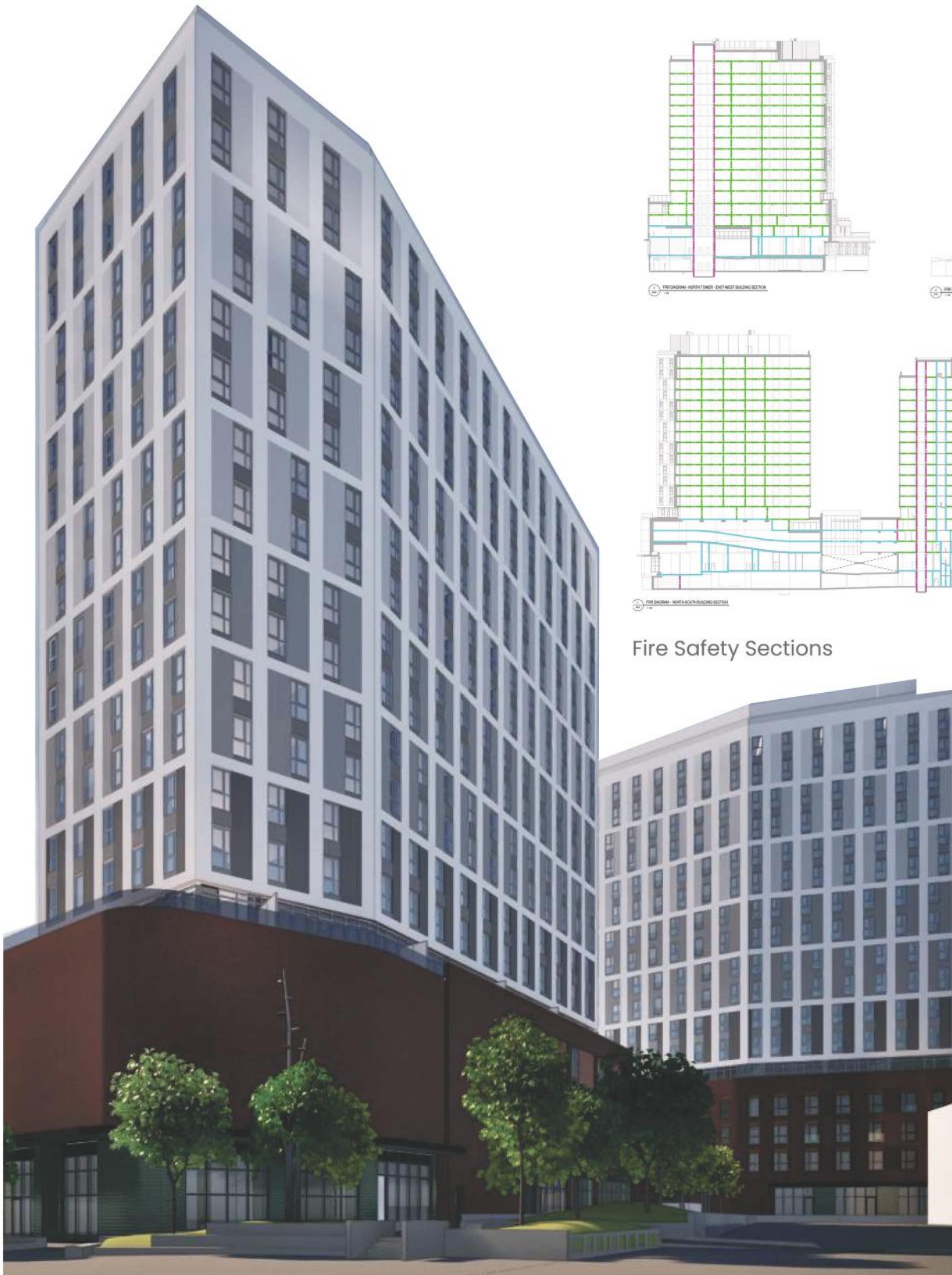


- Exterior Air Film
- 92mm Magnese Ironspot Face Brick
- 25mm Air Space
- 152mm Semi-Rigid Mineral Fibre Insulation Board (INS-22)
- 190mm Reinforced Concrete Masonry Unit (CMU) Wall
- Interior Air Film

Brick Coursing Diagram



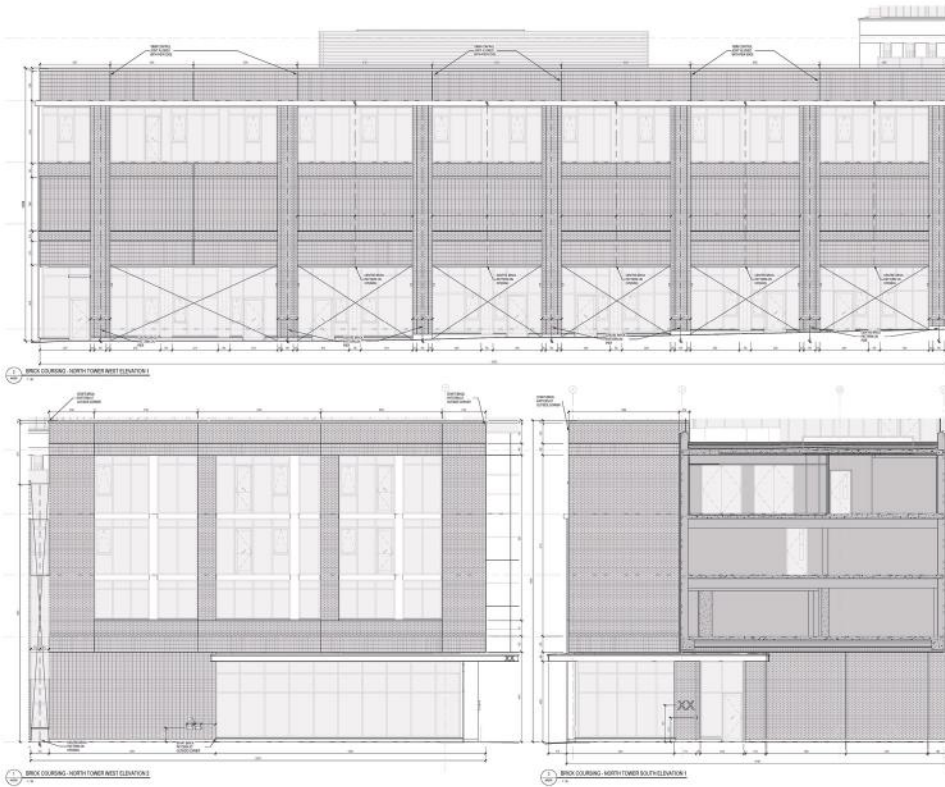
Community Center Render



Fire Safety Sections



Mixed-Use Tower Render & Field Gradient



Brick Coursing Detail Elevations



Material Palette Collage



Mixed-Use Pedestrian Render

iii In +/- formal





Location:
Ex- Mattatoio
Roma, RM

Completed:
November 2025

Collaborators:
Kristian T.

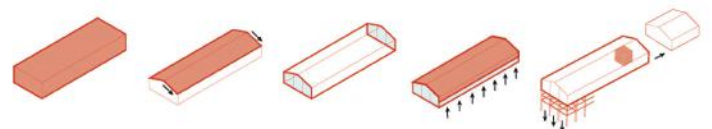
Supervisor:
Beatrice Bruscoli



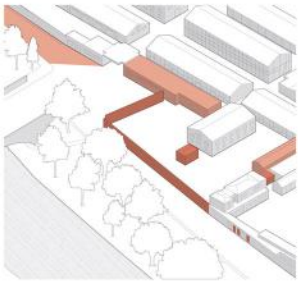
*CASA Student Work
Showcase Finalist (2026)
** Featured at ROMA XLVI
exhibition (2026)

Originally established as a meat production district, Ex-Mattatoio has evolved through occupation and adaptation. While families, students and the Kurdish commune have regenerated the site with gardens, markets, and festivals, much of their activity remains concealed within the site’s boundaries.

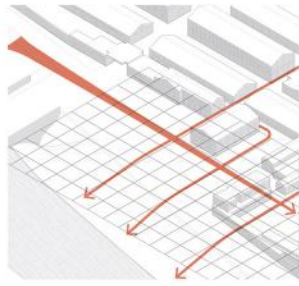
Drawing on Lorenzo Romito’s theory of Rome’s Eco-Mythological Algorithms of Regeneration, *In +/- Formal* extends Ex-Mattatoio’s culture of “making” toward the neglected Tiber riverfront. The project reinterprets the slaughterhouse typology as contemporary hosts for collective place-making oriented toward the river. Their programs foster shared activities among local families, Art Academy students (Accademia di Belle Arti di Roma), and the Kurdish commune of Ararat. The proposal’s porosity, adaptability, and integration with Testaccio’s urban fabric allow the vibrancy of Ex-Mattatoio to extend beyond its walls and reconnect the community with the River.



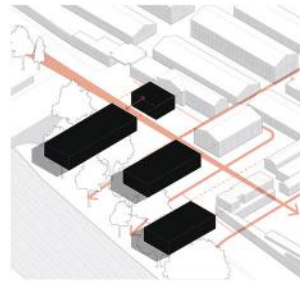
In+/-formal



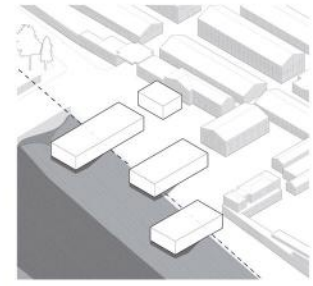
○
Asylum: Renovation



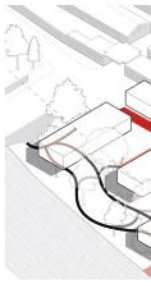
○
Axes & Funnels



○
Plugs



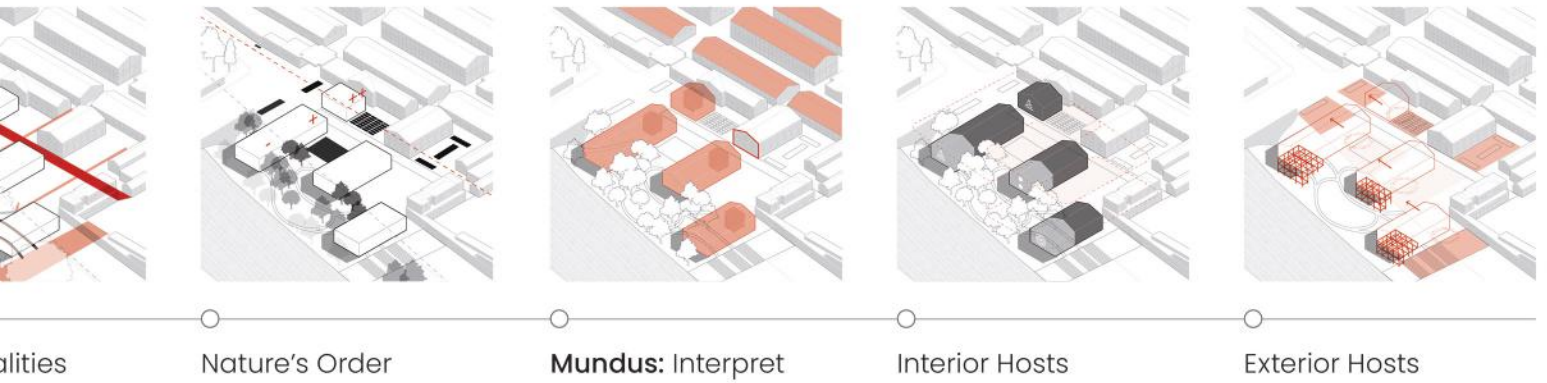
○
Latium: Flooding



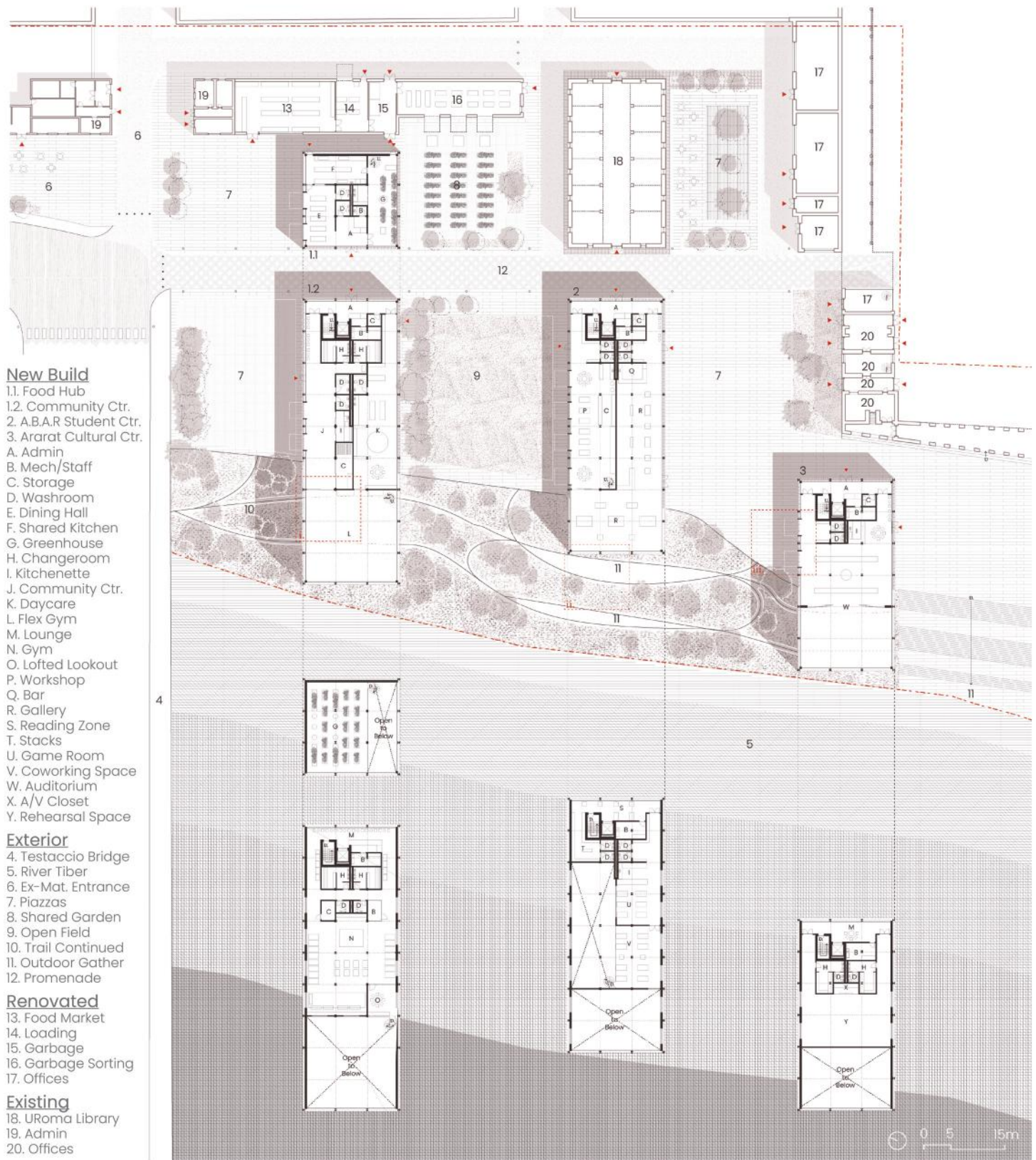
○
Parallel Road



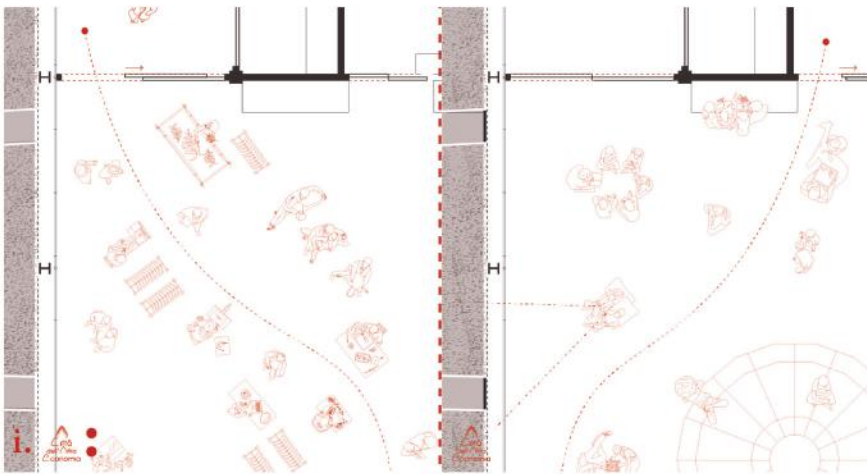
Site from across River Tiber



In+/-formal



Ground and 2nd floor Plan

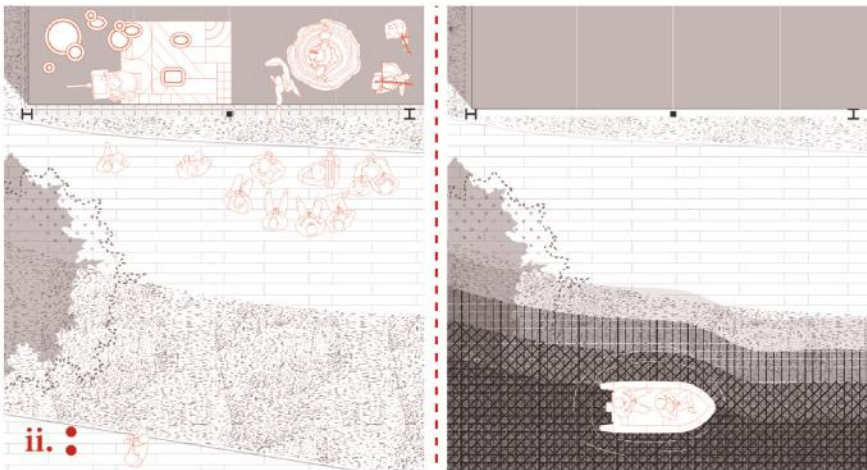


C.A.E Art Market | Day Care Spillage Plan Callout

Negotiated Flex Space

The civic bars that extend past the site’s fold all contain double height flex space that look out to the Tiber River.

Programs hosted behind these spaces are able to spill onto the flex room upon negotiation with neighbours within the building and through sliding doors. Whether moving westward within the buildings or looking eastward from across the river, these flex spaces indicate an elevated destination.



Underside Art Display | Flooding Plan Callout

Flooding the Underside

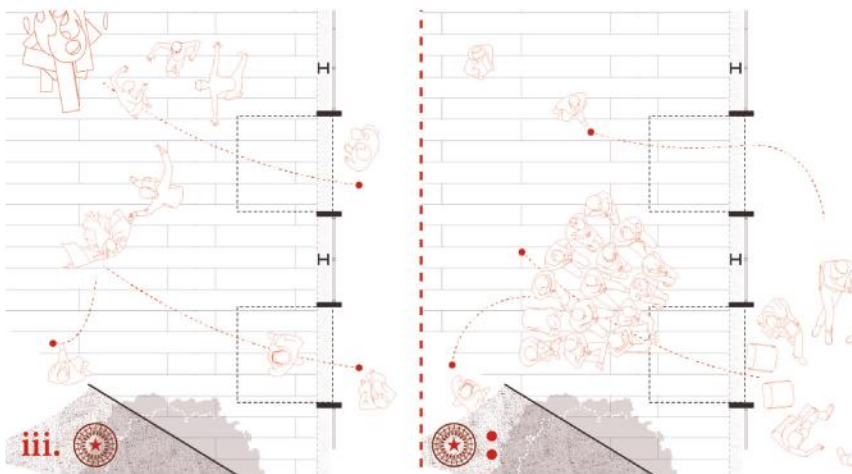
The river rises up to about 13m above sea level due to pluvial and fluvial flooding every year.

This constraint has informed the stiling of our building and the mindful structuring of the underside to allow for it’s occupation during dry seasons. Stakeholders are granted governance of the building’s underside for temporary storage or exhibition space to further engage with the riverfront and the trail extension.

Piazza Spillage

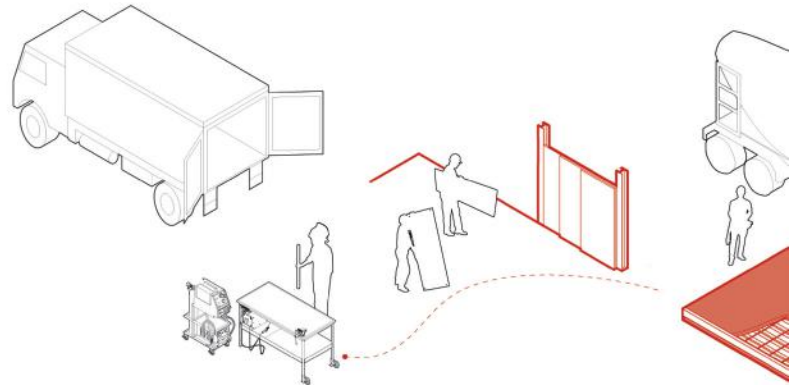
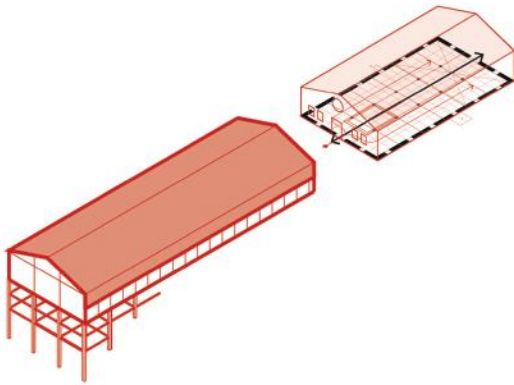
All proposed buildings contain glazed garage doors on their northern facade for programtic spillage between their piazzas and interiors.

The garage doors of the Community Center and Food Hub grant greater public engagement with it’s orientation to the Piazzas off the street. For the Student and Cultural Center, their garage doors allow for spillage and encounters between neighbouring stakeholders.



Newroz Romano | Collaborative Workshop Plan Callout

In+/-formal

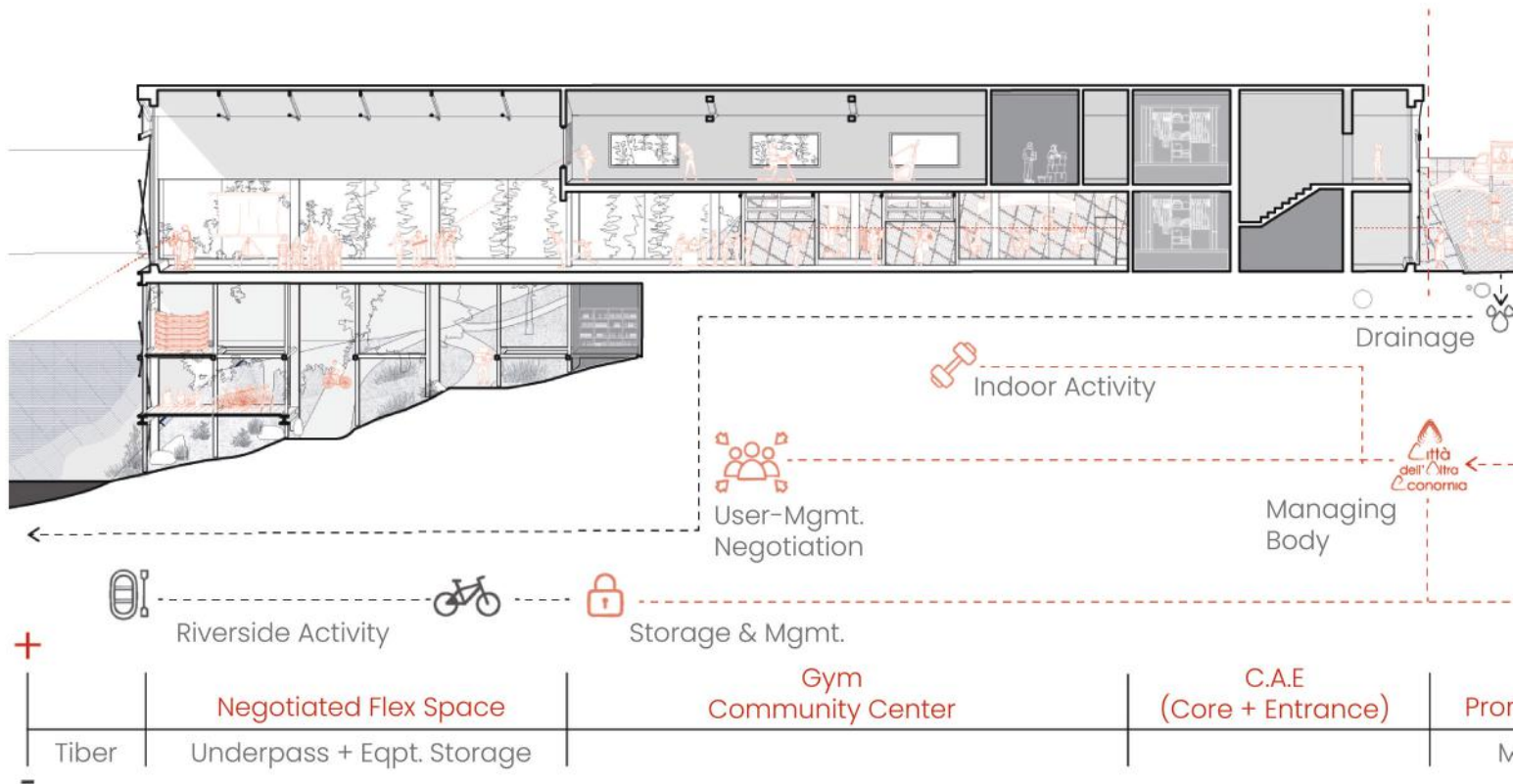


Mundus: Re +/- interpret

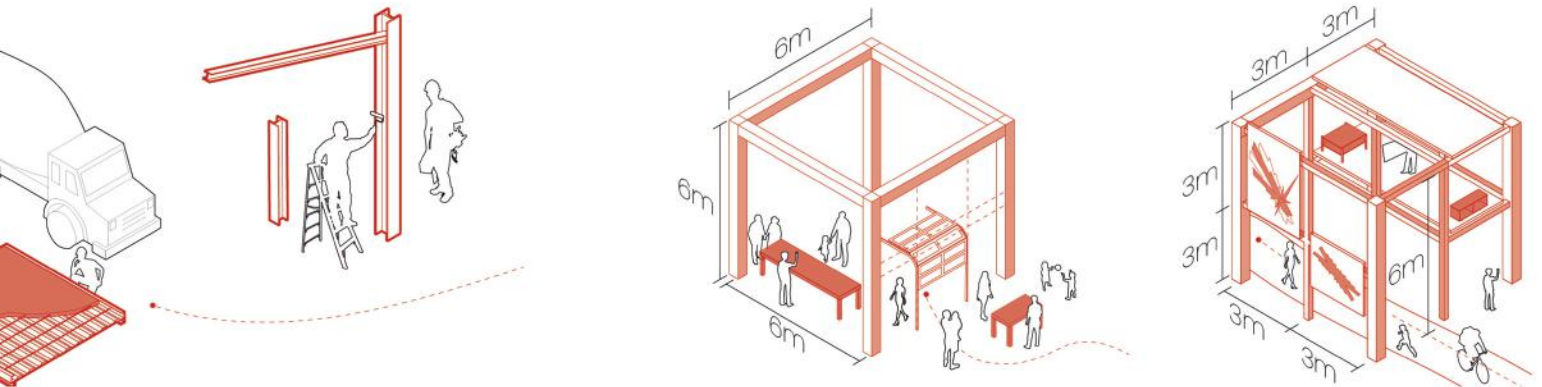
The proposal follows the proportions of existing slaughterhouses but reinterprets their form through stiling, decentralized circulation, lofting, and the use of glazing.

Mundus: Constructing the Host [+]

Local trades will overlook the assembly of the building as it is built on a concrete slab. The exposed materiality of the proposal references industrial heritage (slaughterhouse operations) and climate (Mediterranean climate).



Construction diagrams and Citta dell'Altra Economia Section



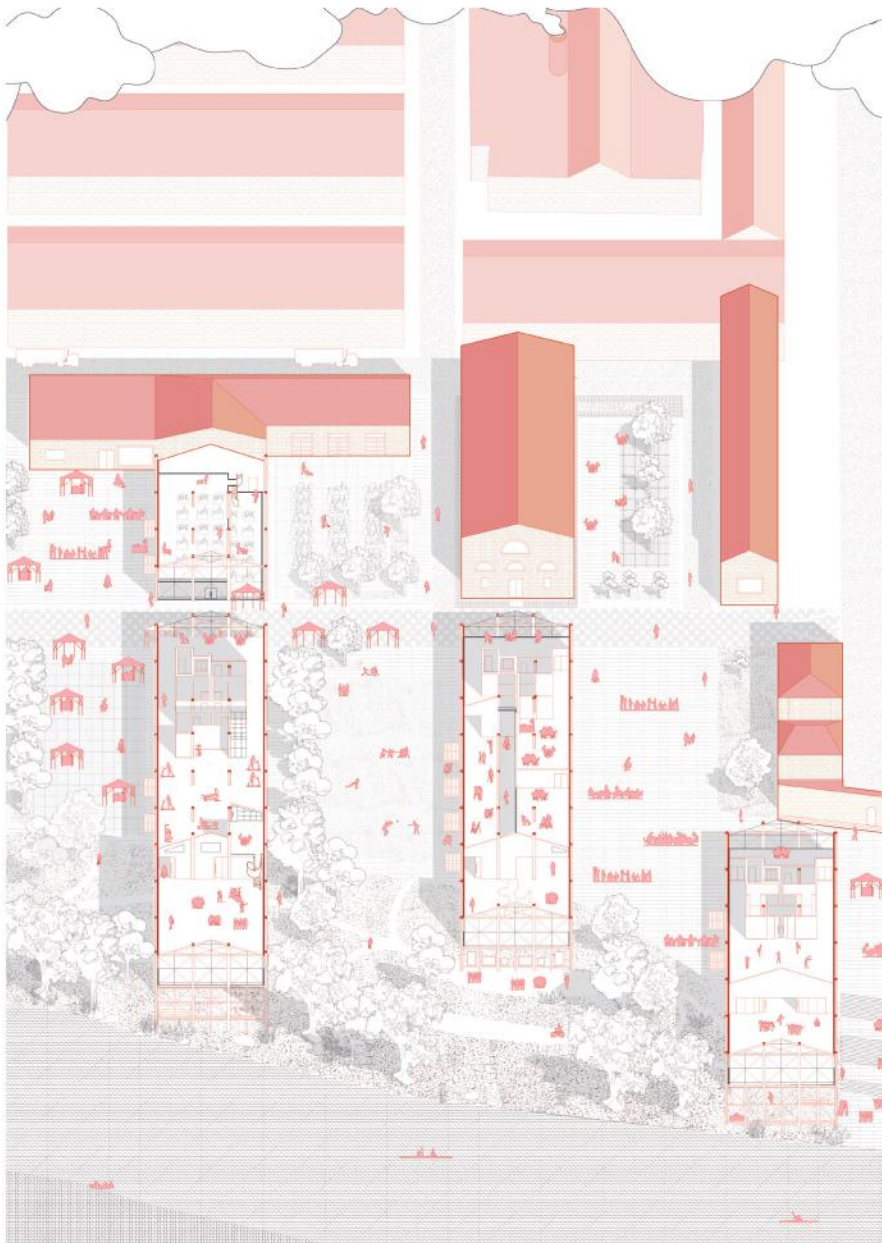
It will be composed of a steel frame
 that remains vital to Ex-Mattatoio's
 historic conditions (flooding and

Mundus: Appropriating the Host [-]

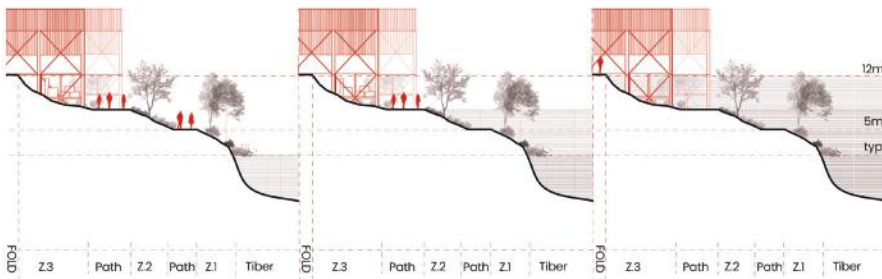
The spacing of columns at road level follow 6m increments to accommodate long spanning fixtures and formal programs while the grid beneath the building tightens to 3m increments for temporary storage and exhibition space.



In+/-formal



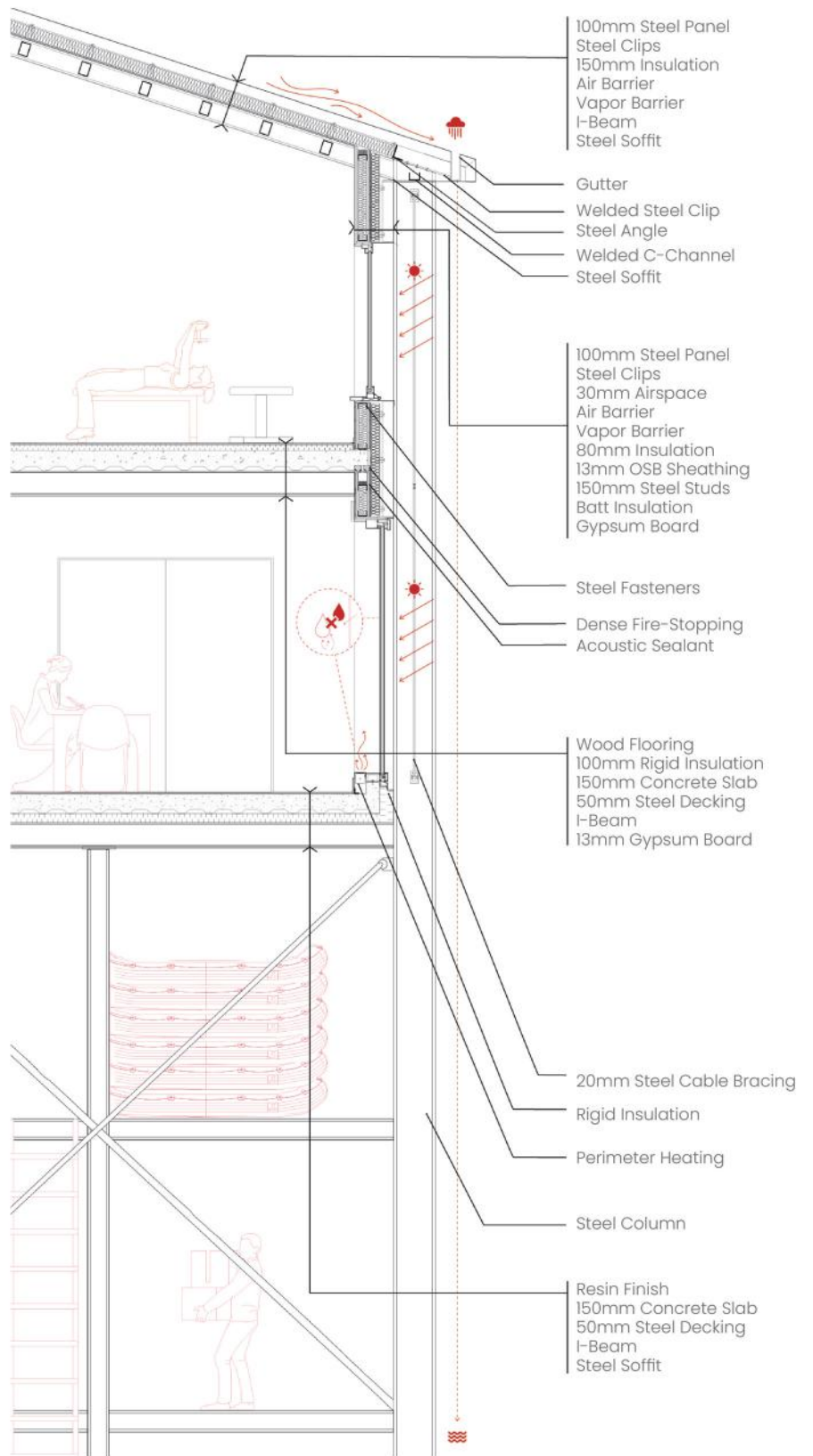
Site Axo



Flood Strategy



Riverside Flood Render



Building Detail Section

3 to 1, Go!





Location:
55 Kerr St.
Cambridge, ON

Completed:
December 2022

Collaborators:
Jenny H.

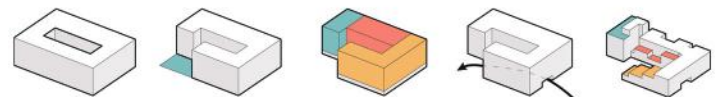
Supervisor:
Adrian Blackwell



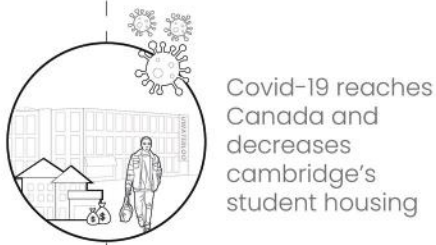
*Featured at University
of Waterloo's Project
Review exhibition (2023)

55 Kerr St is an infill lot that has sparked debate between local residents and private developers. *3 to 1, Go!* counters the existing proposal for luxury condominiums with a project that unifies, accommodates, and houses Students, Multi-Generational families, and the Houseless.

The 6-storey brick building provides a variety of social spaces on the ground floor by reflecting the needs of its residents. It engages with the existing residential community by funneling locals into a central courtyard. The residential floors split off into 3 separate wings to house each demographic and provide a balance of private and communal spaces. The regulated grid and longform units are indicative of a modular construction process which would allow for a quick and affordable assembly. With all of these factors, *3 to 1, Go!* strives to dismantle housing alienation through the unification and accommodation of our 3 target demographics.



3 To 1, Go!



NOW



Low-Income Family Mapping

- Highways
- Industrial Area
- Vehicular Transit



Student Mapping

- Public Transit
- Post-Secondary
- Bike-Friendly Roads
- Bike Trails



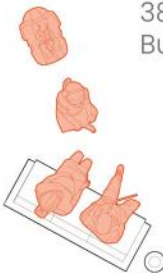
Houseless Mapping

- Walking Route
- Shelters
- 500m range



Low-Income Families

72 People
18 Units



38% of Building

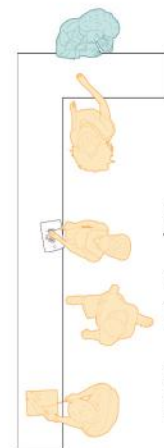


Students

44 People
44 Units



24% of Building

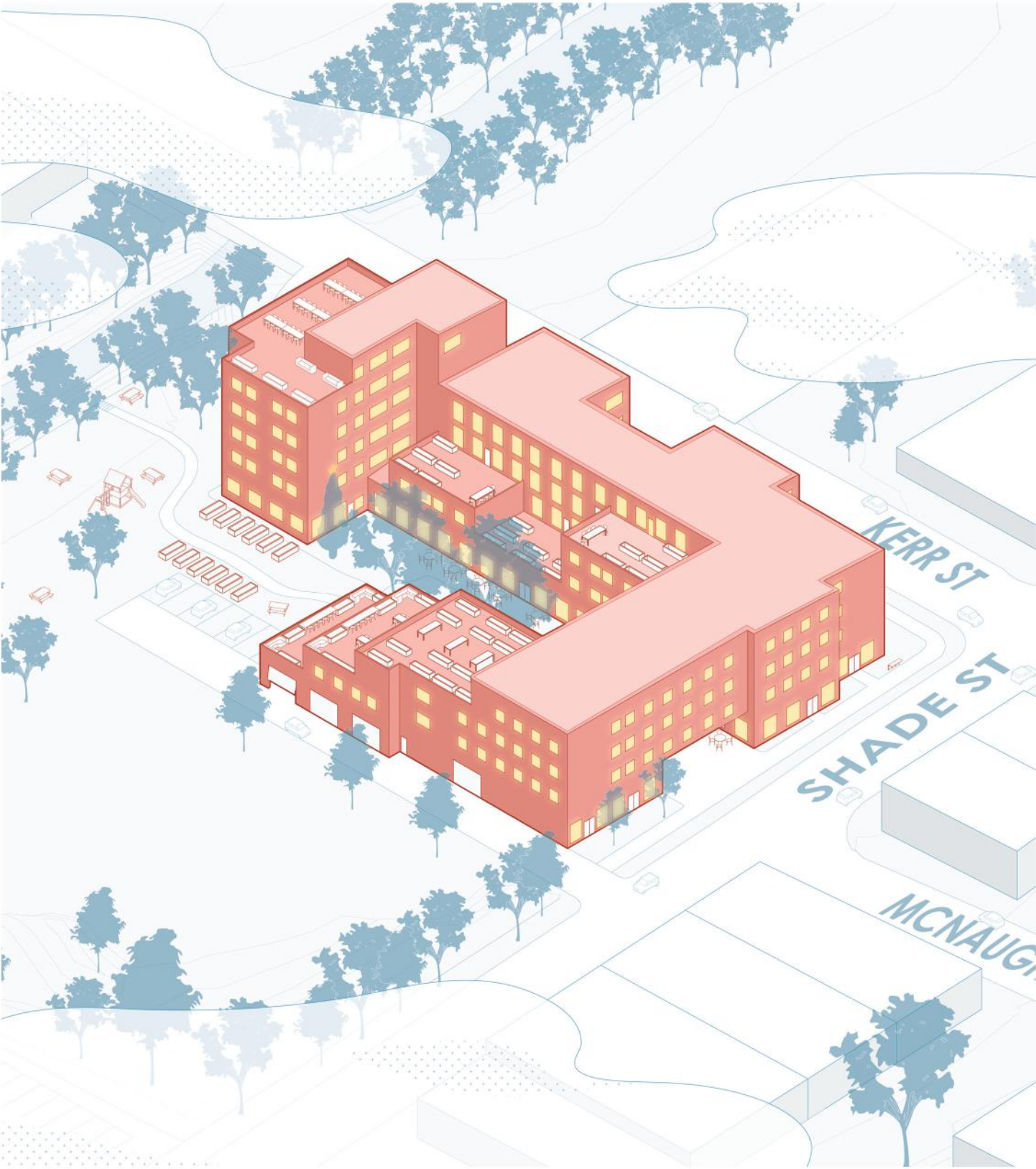


Houseless

72 People
72 Units

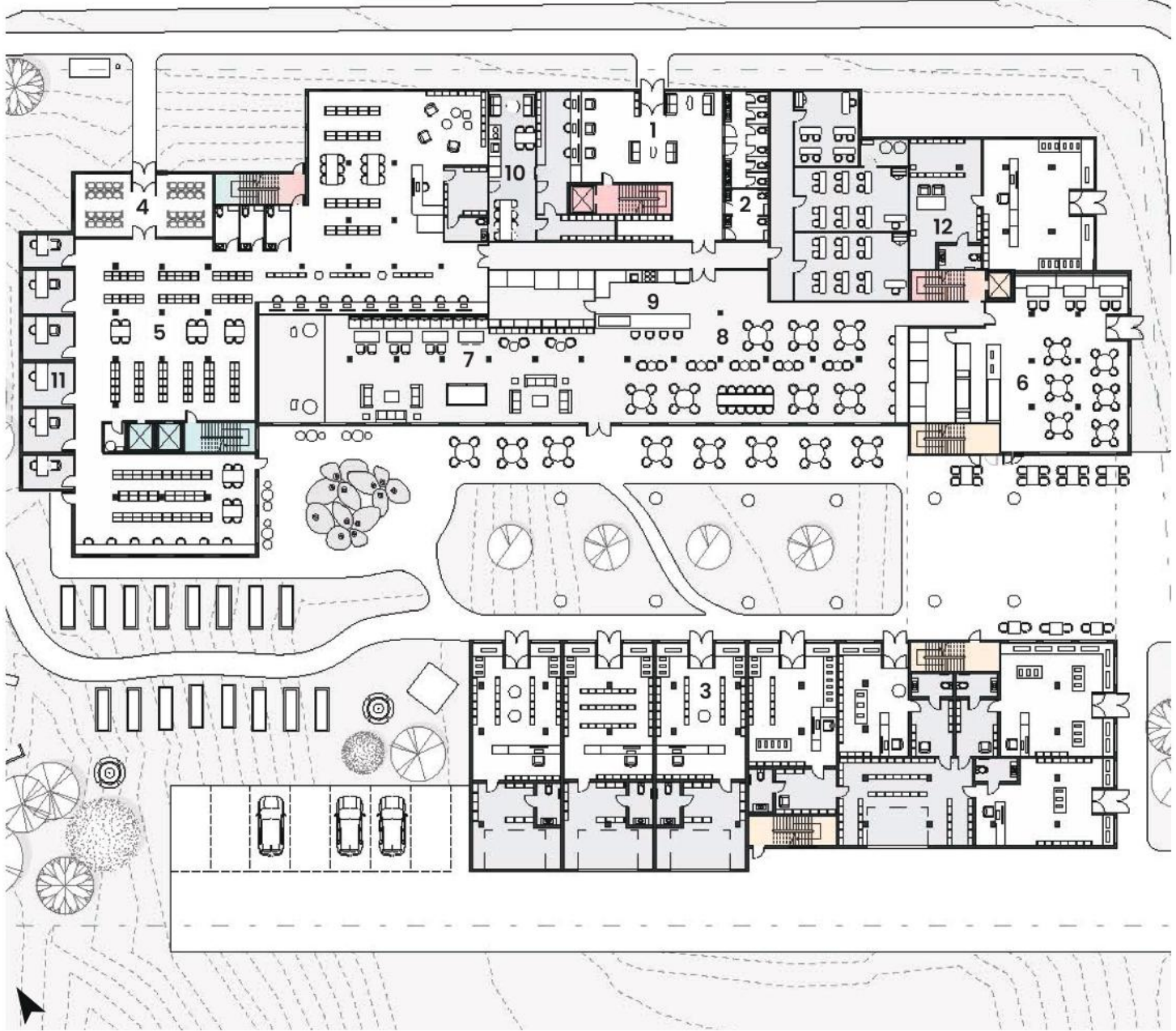
38% of Building





Building Axo

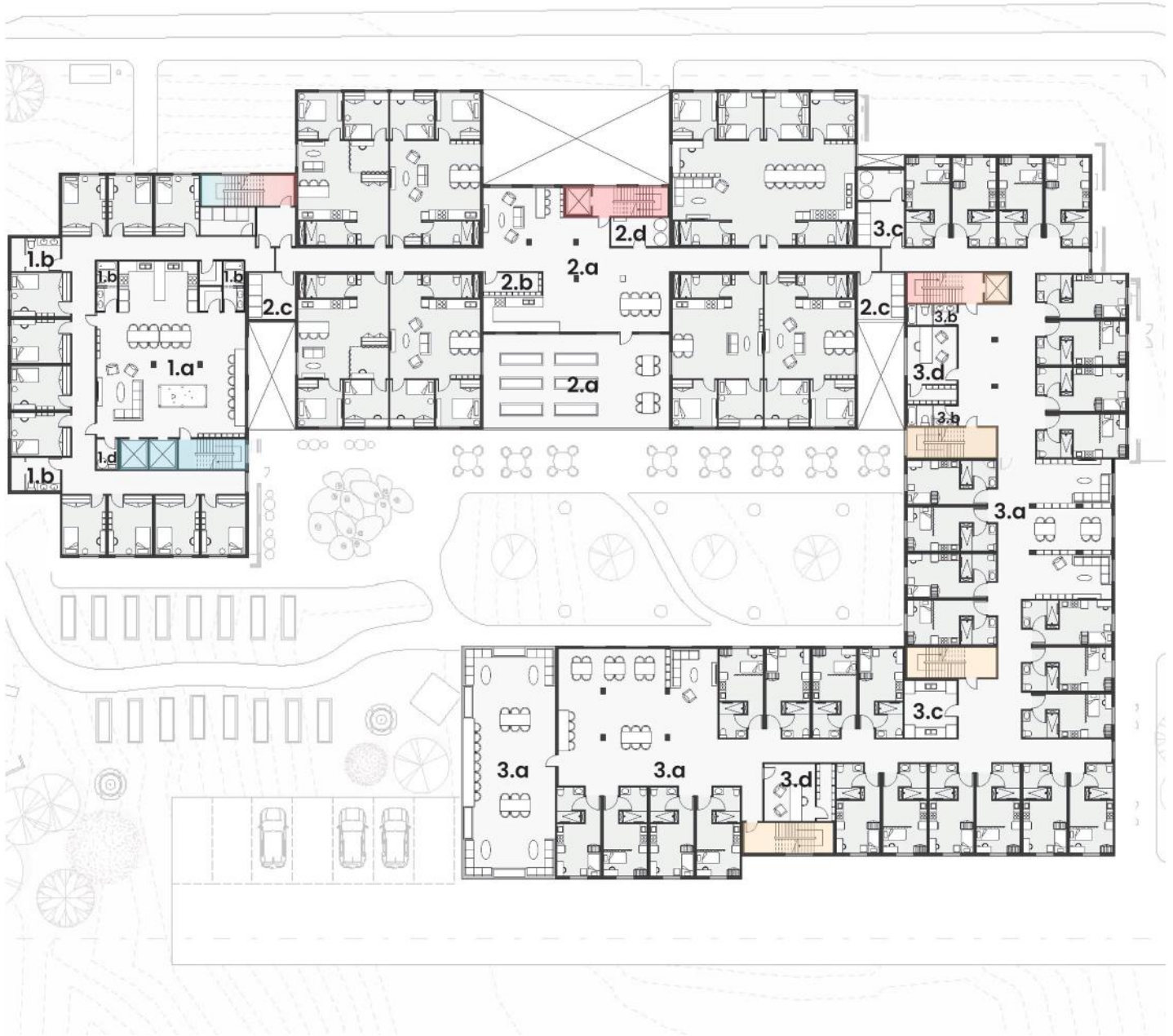
3 To 1, Go!



Ground Floorplan

- Public
- Family Circulation
- Social
- Student Circulation
- Private
- Houseless Circulation

- 1. Reception
- 2. Washrooms
- 3. Retail Shops
- 4. Bus Waiting
- 5. Library
- 6. Public Cafe
- 7. Flexible Lounge
- 8. Communal Dining
- 9. Shared Kitchen
- 10. Staff Room/ Storage
- 11. Counseling
- 12. Transitional Workshop



Residential Floorplan

1. Student

- a) Common Area
- b) Shared Washroom
- c) Laundry
- d) Electrical

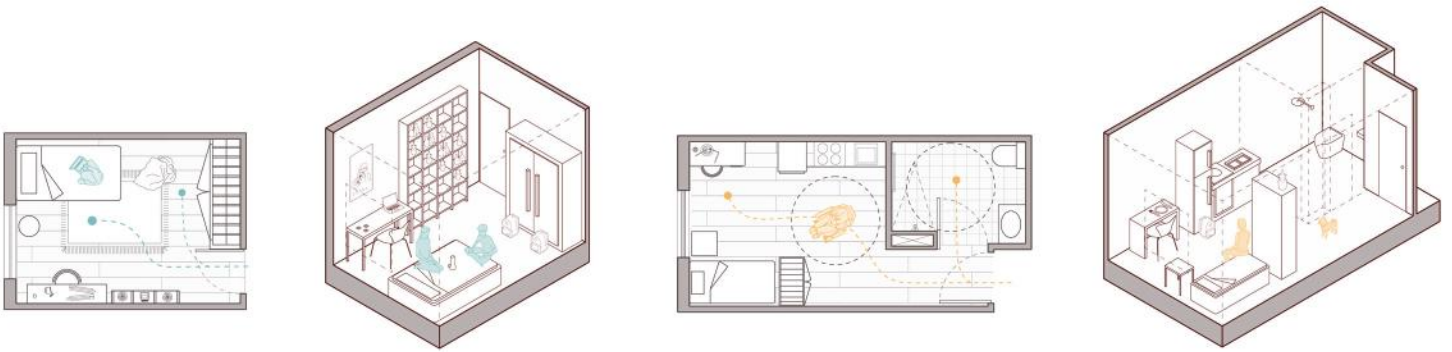
2. Family

- a) Common Area
- b) Storage
- c) Laundry
- d) Electrical

3. Houseless

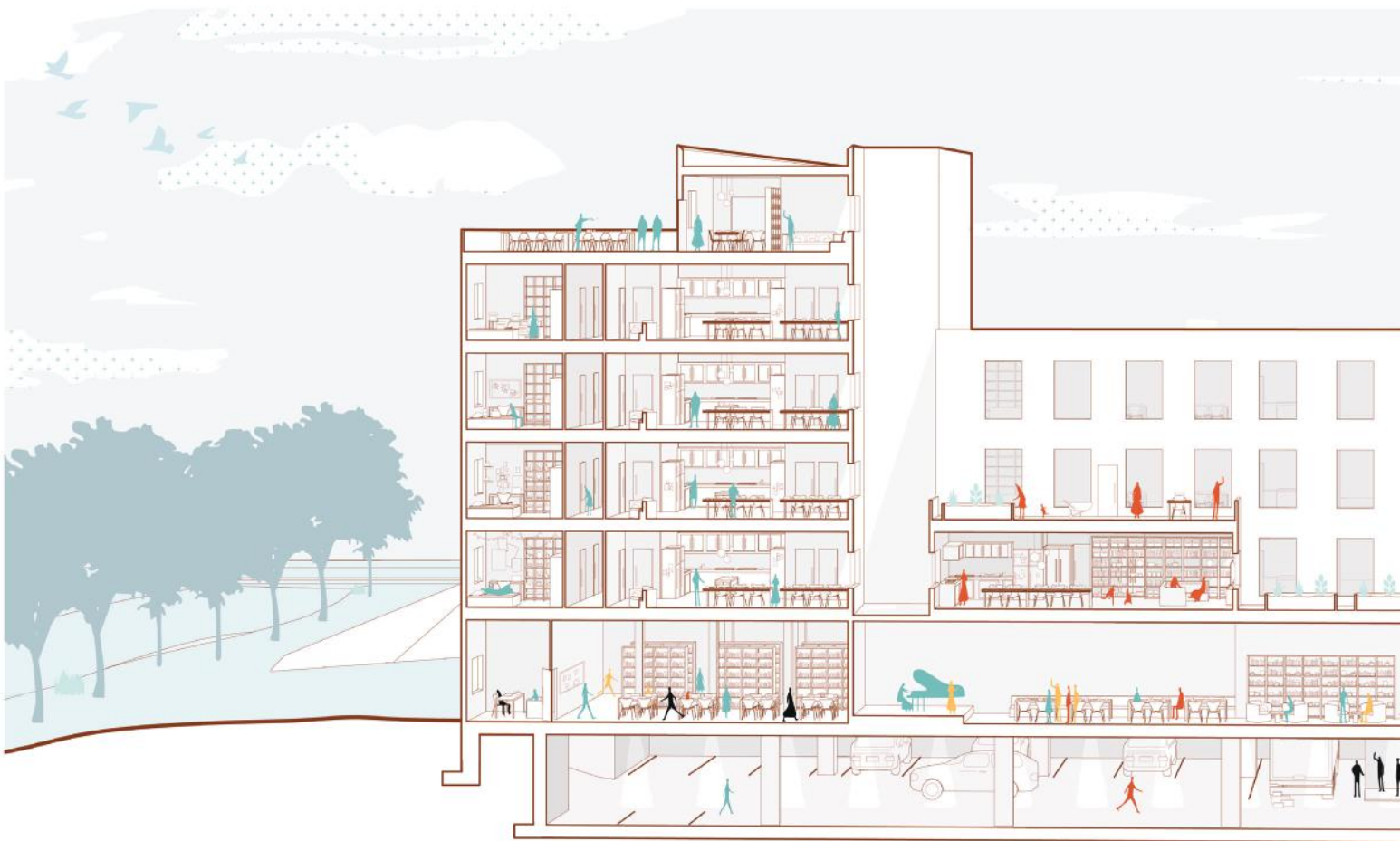
- a) Common Area
- b) Shared Washroom
- c) Laundry
- d) Offices

3 To 1, Go!

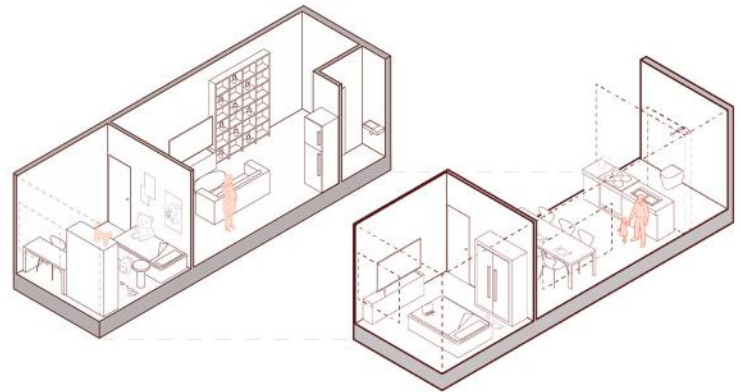


Student Unit Plan & Axo

Houseless Unit Plan & Axo



Longitudinal Section



Low-Income Family Unit Plan & Axo



3 To 1, Go!



Exterior Vignettes



Courtyard Section



Interior Vignettes



► [Co]riddors





Location:
Cambridge, ON

Completed:
April 2024

Collaborators:
Will G, Jin H, Leif L.

Supervisor:
Adrian Blackwell
& David Fortin

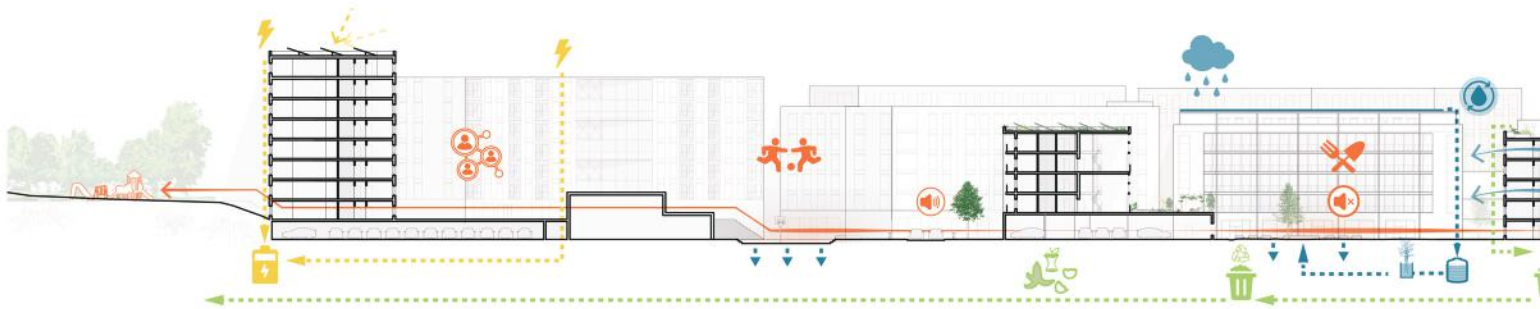
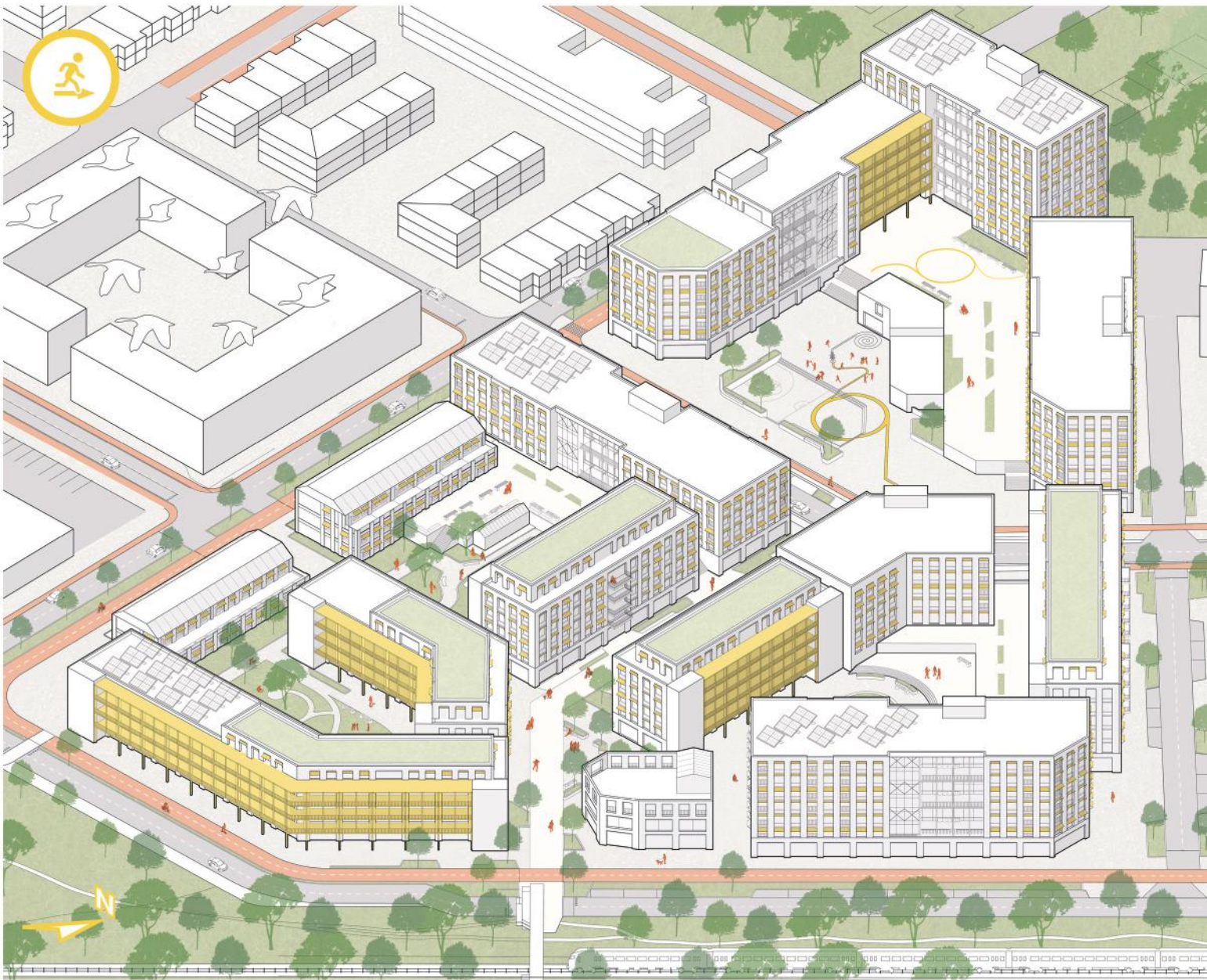


*Featured at University of
Waterloo's Project Review
exhibition (2025)

In Hespeler Village
- Cambridge, the
revitalization of the train
tracks for a proposed
GO line has sparked a
demand for developing
neglected land nearby.
Four lots of a former
industrial zone have
been designated for a
traditional neighborhood,
commercial zone, &
industrial market hub.

[Co]ridders is the mixed-use zone of the Hespeler's development, offering spaces on ground floor for education, food production, family support services, & economic production. Above these amenities, 524 housing units for singles, seniors, students, & low-income families are provided with traditional & cooperative living models. At an Urban scale, paths, destinations, & areas of lingering defined the organization of the lot. At a residential scale, the corridor's potential to facilitate social cohesion among varying users defined the design of domestic space. *[Co]ridders* looks to foster social ecology by challenging the idea of a traditional corridor.



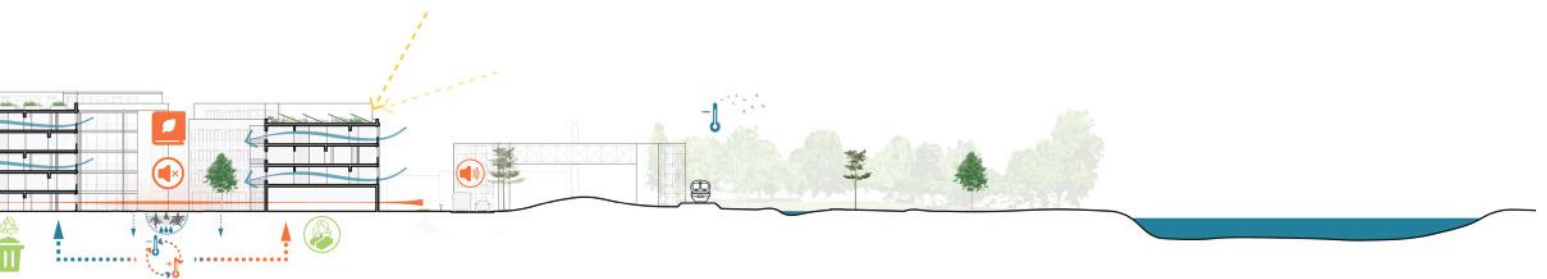
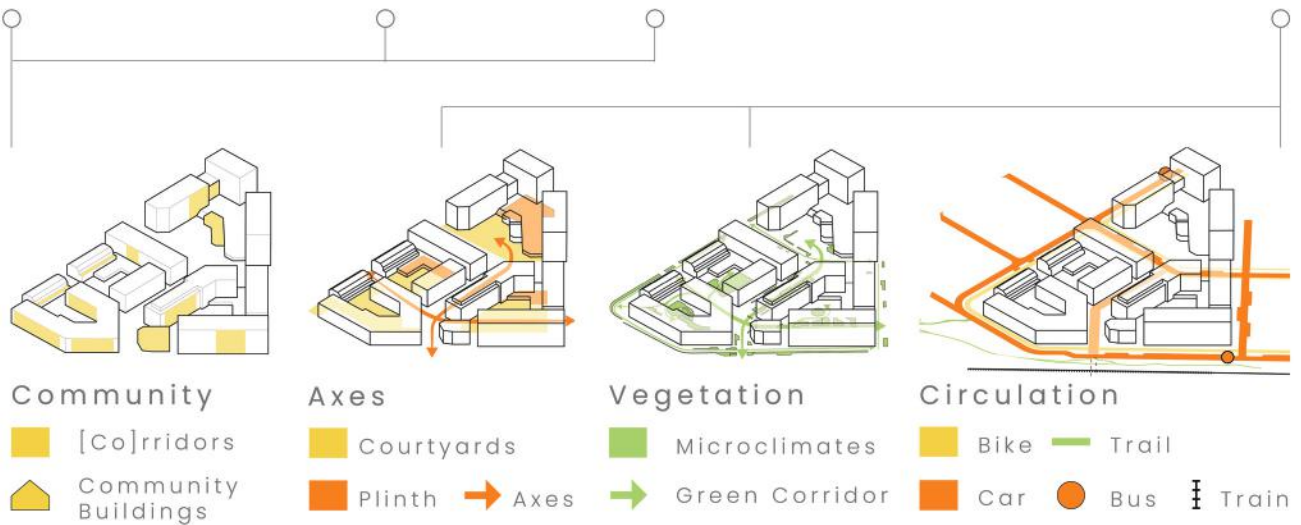
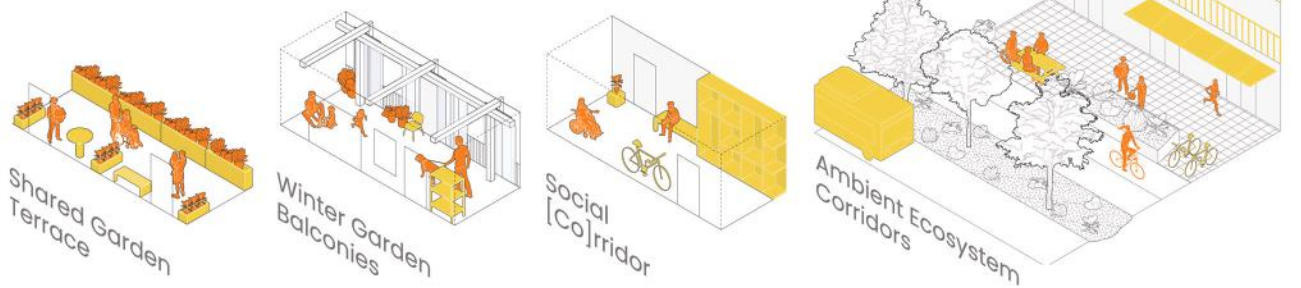


Longitudinal Site Section

IN THE CASE OF BUILDING SOCIAL ECOLOGY, HOW CAN WE RETHINK THE CORRIDOR?

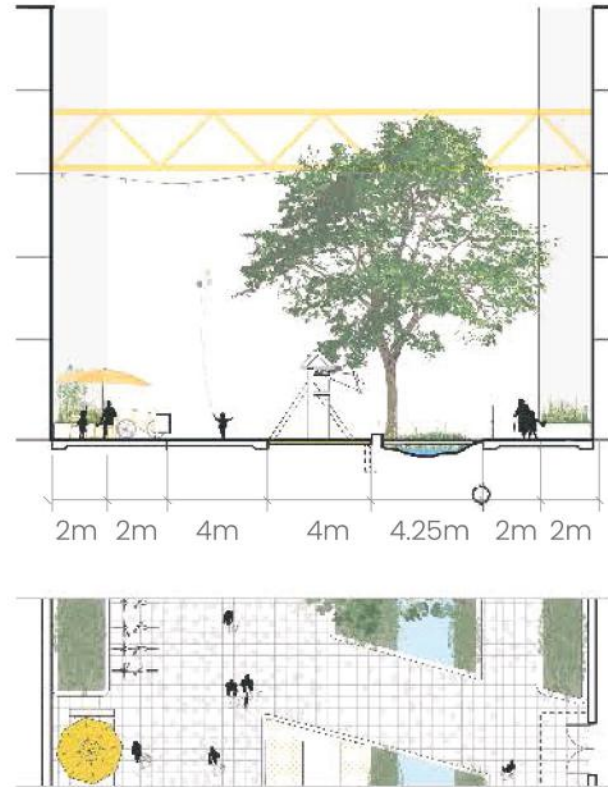
How can Corridors across scales generate social cohesion?

How can circulation at the residential scale be designed to facilitate encounters and to connect various users?





Facade and Streetscape Model



Street Scape Sections & Plans



Longitudinal Site Section Model





Ground Floor Site Plan



D.L. Residential Plan typ.



Double Loaded Midrise

Instances: 6
Total Units: 284
Height: 5-10 storey

Demographic:
Students, Singles,
Low-Income Families



S.L. Residential Plan typ.



Single Loaded Midrise

Instances: 6
Total Units: 227
Height: 5-7 storey

Demographic:
Singles, Low-
Income Families



R.H. 3rd Unit Plan

Double Loaded Legend

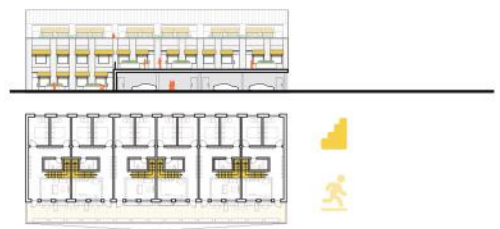
- a. Social Corridor
- b. Co-op Unit
- c. Co-op Meeting
- d. Traditional Unit
- e. Student Unit
- f. Mech
- g. Shared Kitchen

Single Loaded Legend

- h. Winter Garden
- i. Storage + Mech
- j. Co-op Unit
- k. Co-op Living
- l. Traditional Unit

Rowhouse Legend

- m. Shared Terrace
- n. Flex Space
- o. Bathroom
- p. Bedroom



Rowhouse

Instances: 2
Total Units: 18
Height: 3 storey

Demographic:
Seniors, Low-
Income Families



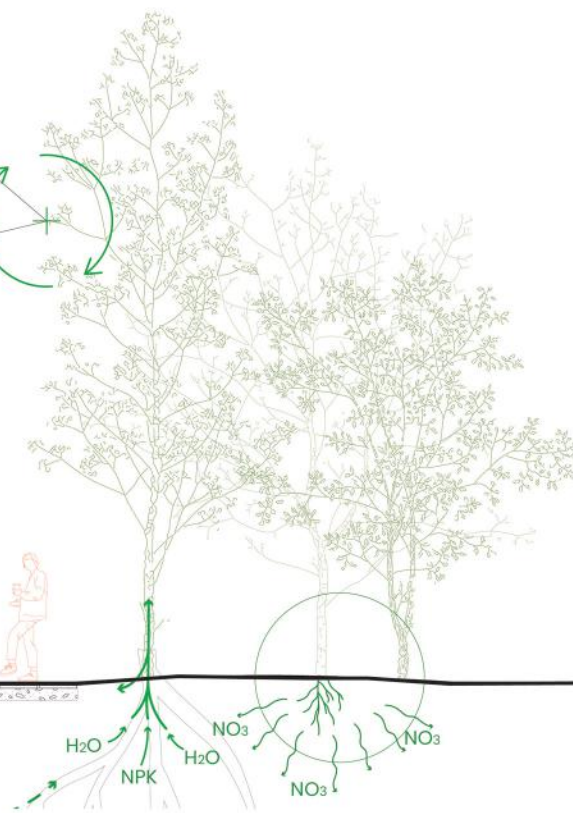
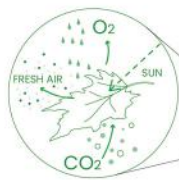
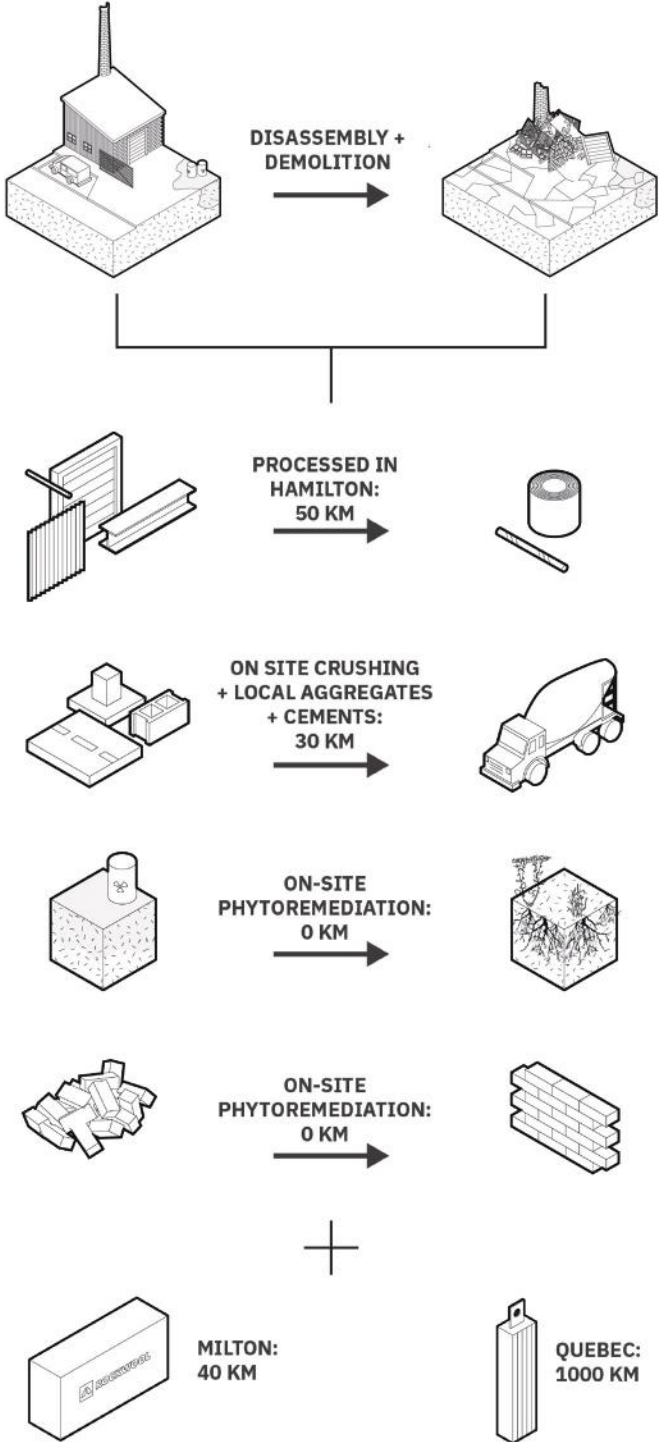


Workshop-Cohousing Unit Thresholds





Typ. Midrise Elevation-Section



Material Sourcing Diagram



Thank you for your time!