STUDIO V

Varrianna Siryon

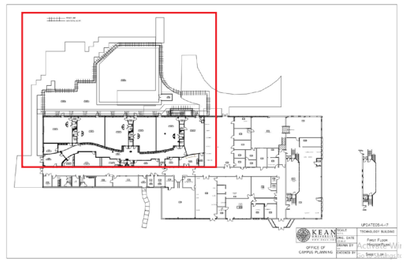
POST PANDEMIC THINK TANK

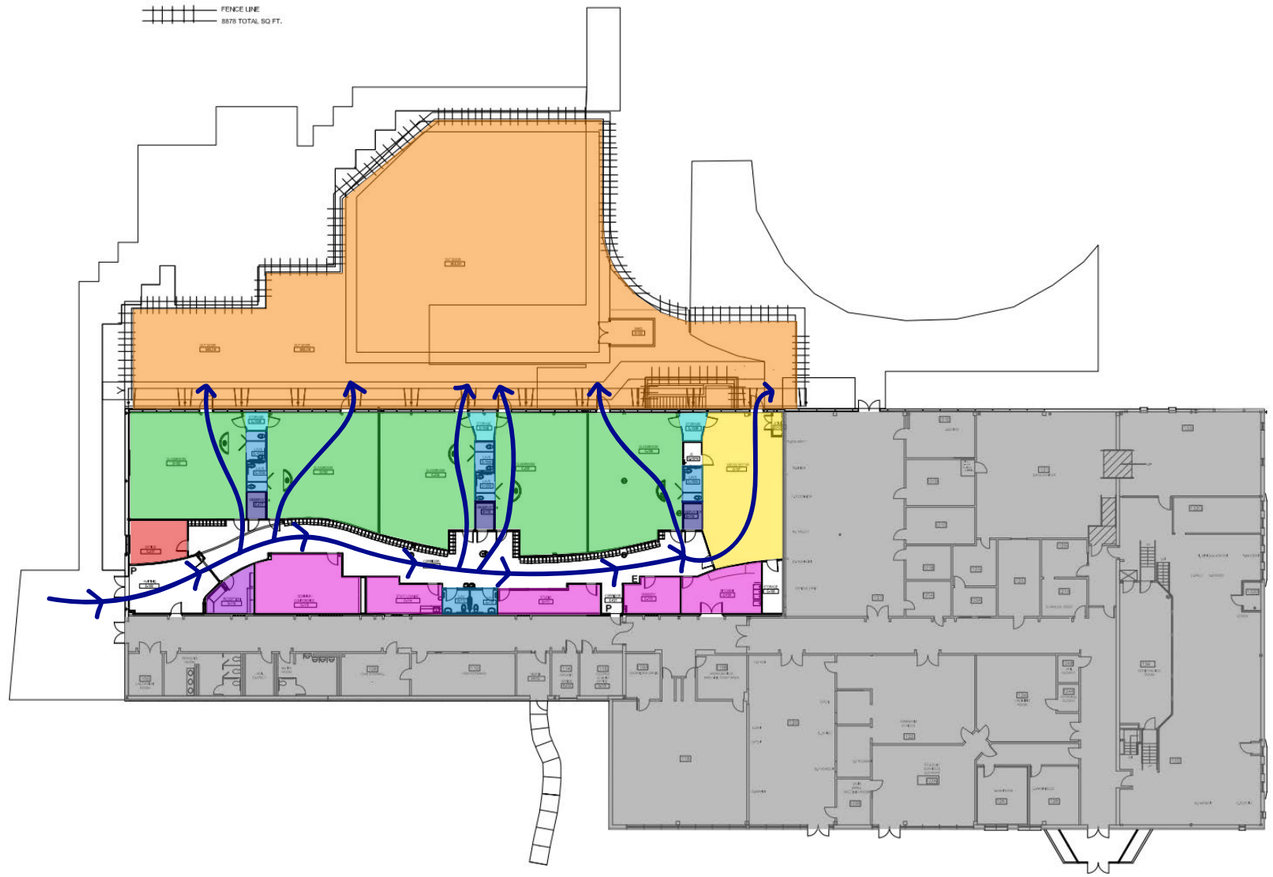
Union, New Jersey

The Post-Pandemic Think Tank involved a cross-disciplinary team of designers from Kean University's Michael Graves College. The team had an Architectural Designer (Varrianna), Interior Designer (Nicole Badillo), Graphic Designer (Kylie Mena), Industrial Designers (Lisa Shi + Jacqueline Hernandez), and Assistant Professors (Craig Konyk + Denise Anderson). The think tank was established to accomplish two things. First, research the effects of the pandemic on the use of public spaces, and second, propose design strategies to repurpose these spaces now and in the future.

RESEARCH PROPOSAL

KEAN UNIVERSITY CHILD CARE CENTER FLOOR PLAN





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- Classrooms
- Bathrooms
- Viewing Rooms
- Outside Play Area
- Inside Play Area
- Staff Area
- Office
- Reception
- Storage
- Circulation

CONCEPTUAL SOLUTION

Outdoor Classroom

Section 1 - Teaching Scenario
Section 2 - Shared Space

DESIGN SOLUTION

Cantilevar Umbrellas

CANTILEVAR UMBRELLAS

Adaptable

Situations - COVID vs non COVID regulations
Environments - most weather conditions

Transportation Friendly

Easy to move

Not too heavy

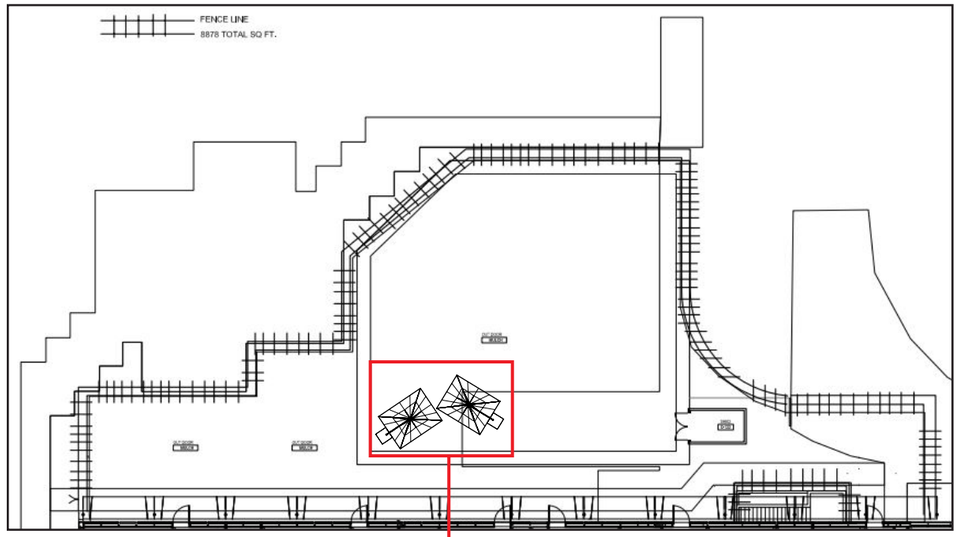
Compactable

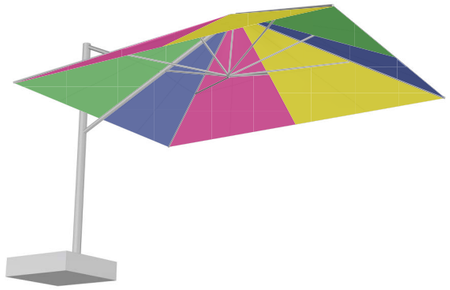
Foldable

Space Efficient

Space to play
Space for learning

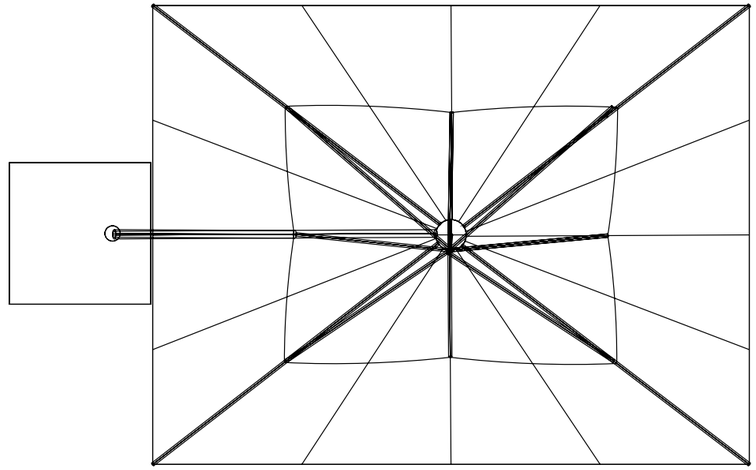
DESIGN SOLUTION IMPLEMENTED

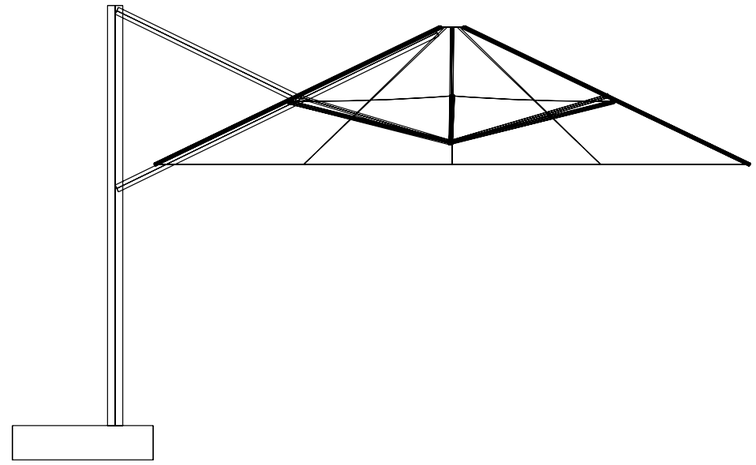


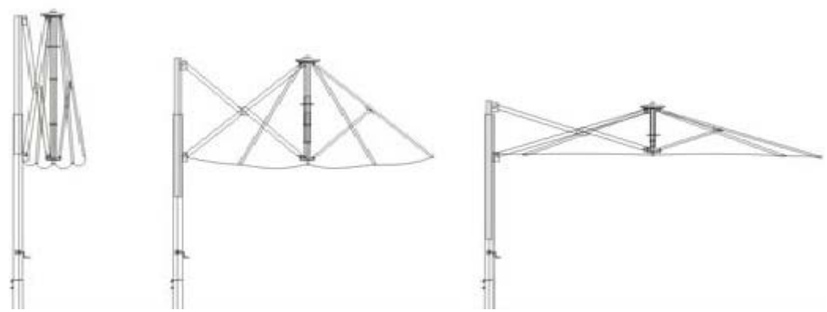


Open Umbrella - 13′ x 10′
Pole Height - 9′
Pole Diameter - 4″
Base - 37″ x 37″ x 9″
Base Weight - 62 lbs.

CANTILEVAR UMBRELLA DETAILS





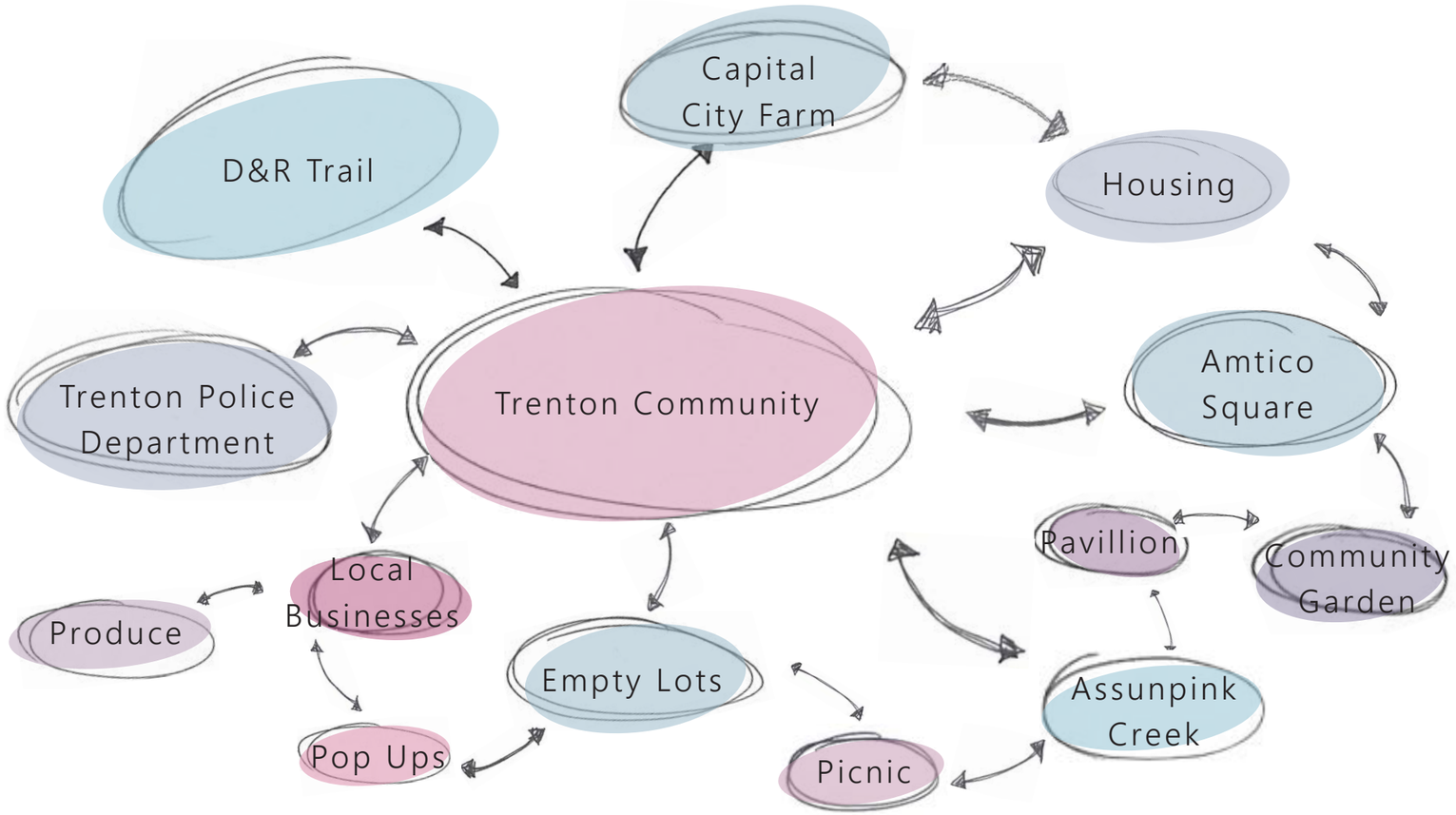


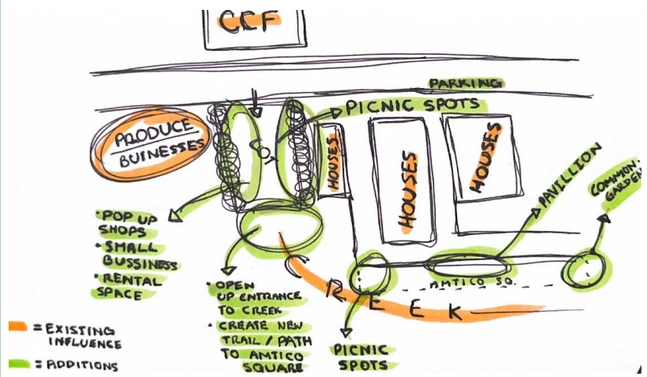
TRENTON URBANISM REIMAGINED

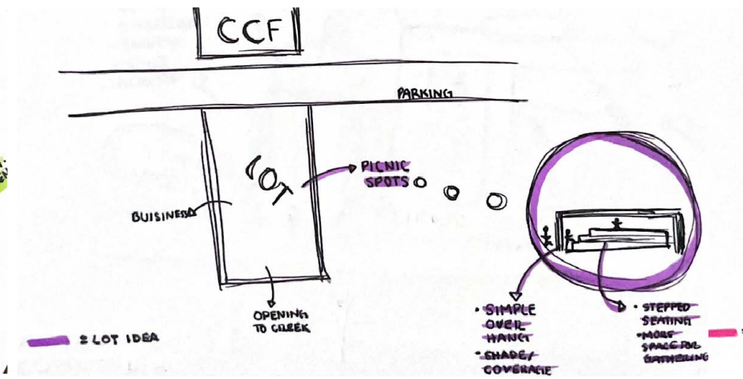
Trenton, New Jersey

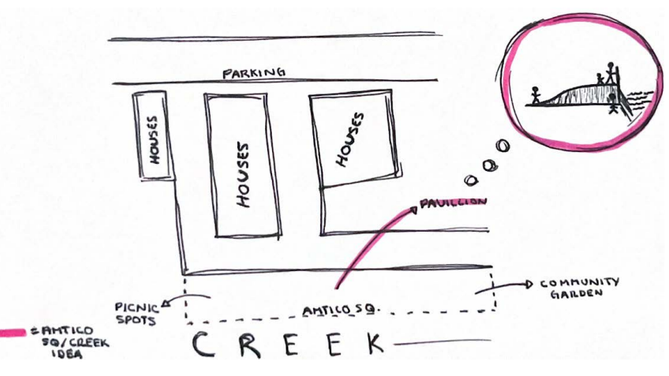
Working with team members Jenna Vogel, Axel Moreno, and Alexander Lange, the Trenton City Planning and Economic Development office and the John S. Watson Institute conducted and shared research about Trenton's urban growth, demise, and new potentials. Recognizing the potential in several abandoned lots, we all took on a different lot to propose a design solution that supported community engagement and could help with site activation. Preliminary deisgn solutions were done and communicated to community stakeholders and the Trenton City Planning office officials to aid with Trenton's urban improvement and compiling research for future use. The site I focused on was Capital City Farm and the goal was to create a more cohesive space for each of the surrounding landmarks.

RESEARCH PROPOSAL







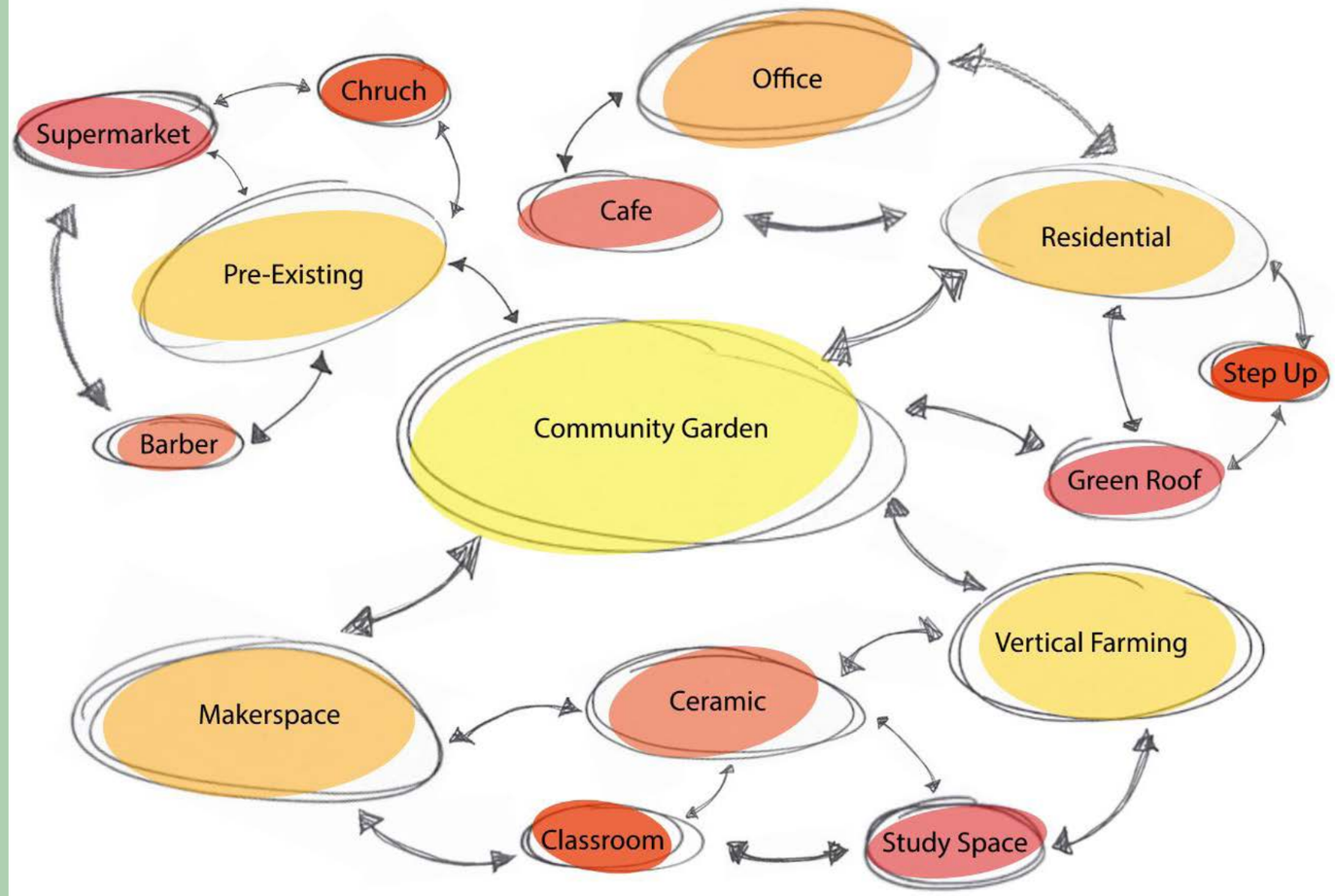


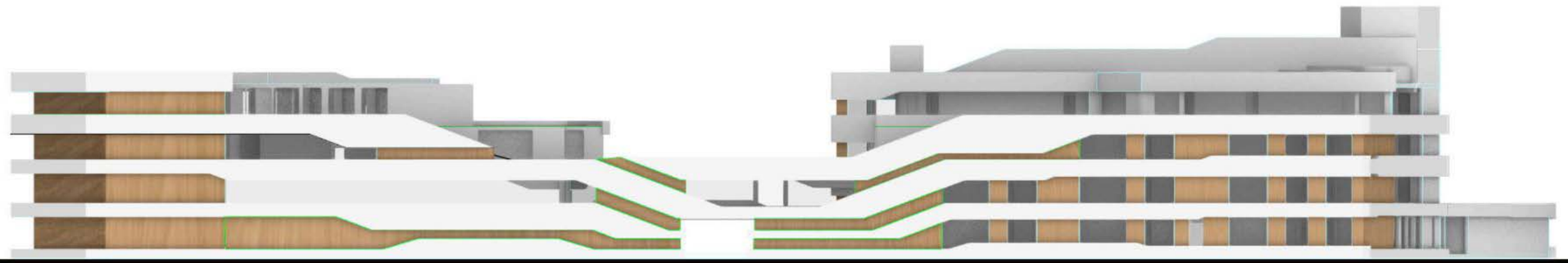
THE GREEN MILE

New Brunswick, New Jersey

This project was completed with Rasheed Warren and Khalif Dowdy. New Brunswick is the main campus for Rutgers University and the Biology and Biological Science majors were proven to be the majority with a high graduation rate which plays a role in the proposed program. The site contains an inactive community garden which acts as the site anchor, a church and a supermarket. Recognizing these key elements to the site, we wanted to create a program that involved the post grad students from Rutgers. Additional programs include small business (cafe), makerspace (vertical farming), and residential spaces. Each component of the program are spread out around the site to increase growth, walkability and movement while being able to maintain a relationship with the local green spaces and community.

MIXED USE



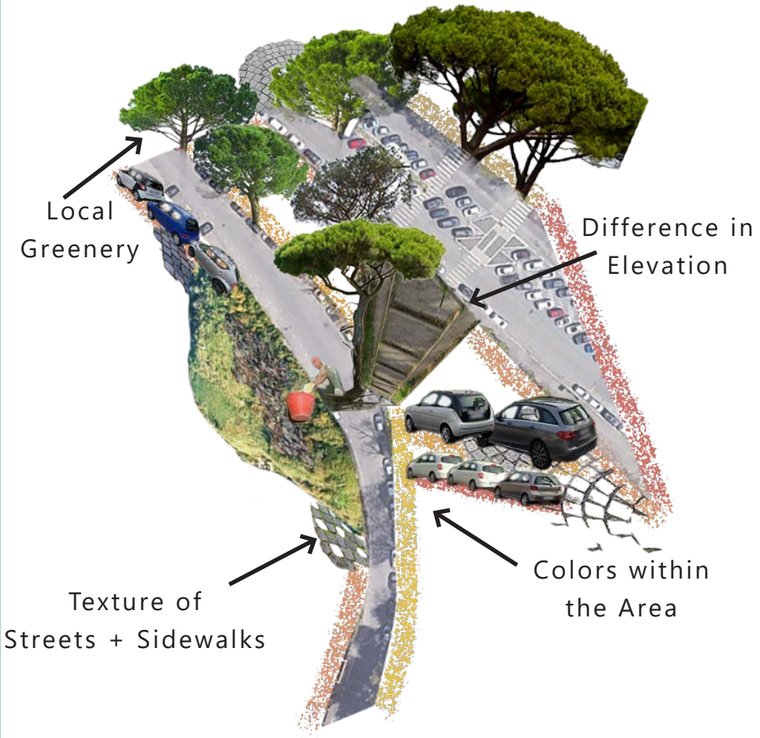


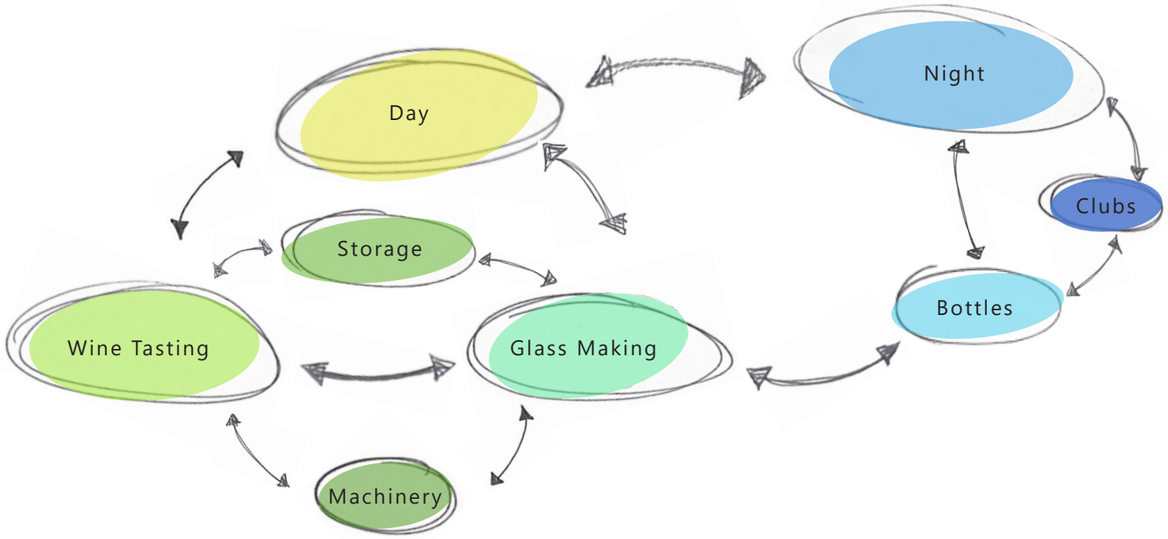
GRAPES TO GLASS

Rome, Italy

Studying abroad in Rome, Italy, people were important. They were important with how they moved throughout spaces and how created spaces could move them. In Testaccio, the site, there was a very active night life due to clubs where as with the day life, that level of activty was lacking. Considering these elements, the programs in the overall design were glass making (light manufacturing space) and wine tasting (cultural space). The glass making space uses the bottles from the night clubs as a recycling system. These bottles also contribute to glasses being made for the wine tasting space. Along with other additional elements to support the programs, the overall building design could be explained as fluid and loose geometric forms that influence the walking flow of people throughout each of the spaces.

MIXED USE



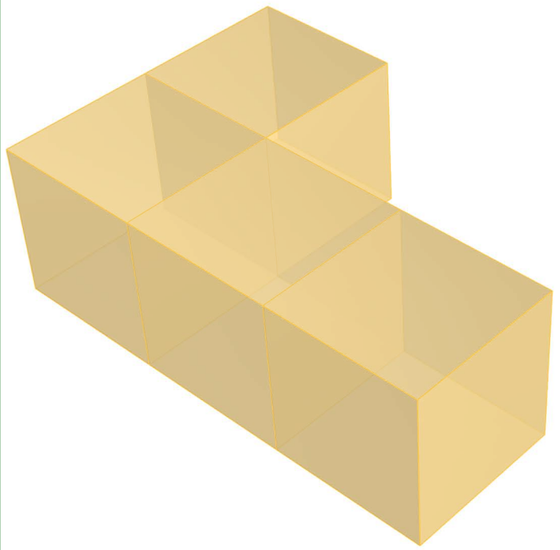


V CUBED (V^3)

Puzzles can be toys, problems, forms of entertainment, amusing, or frustrating but ultimately meant to be solved. V Cubed is a puzzle that contains the same ‘L’ shaped pieces which each have magnets in different locations. The ‘L’ shaped pieces were made through 3D printing, hot wiring, and laser cutting methods. The magnets are used to keep each of the pieces connected and ultimately form the cube, which is the solved form. However, due to the magnets attracting and repelling in different areas of the same shaped pieces, it creates a challenge to put the cube back together in its correct form since there is only one way each piece can be placed to achieve the solving of the puzzle.

EXPERIMENTAL DESIGN

V CUBED DETAILS

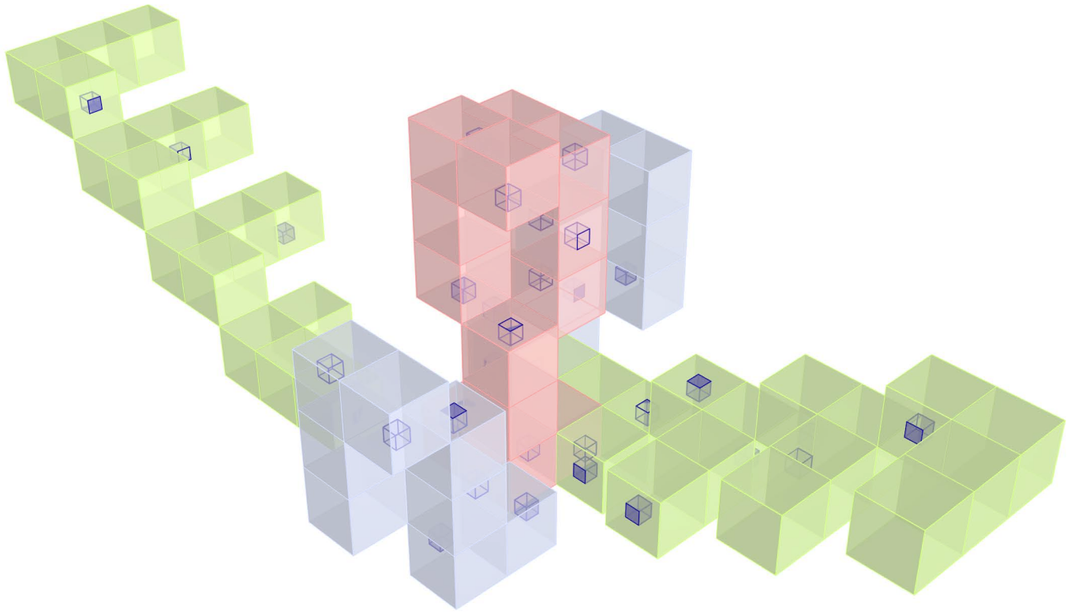


‘L’ Shaped Puzzle Pieces

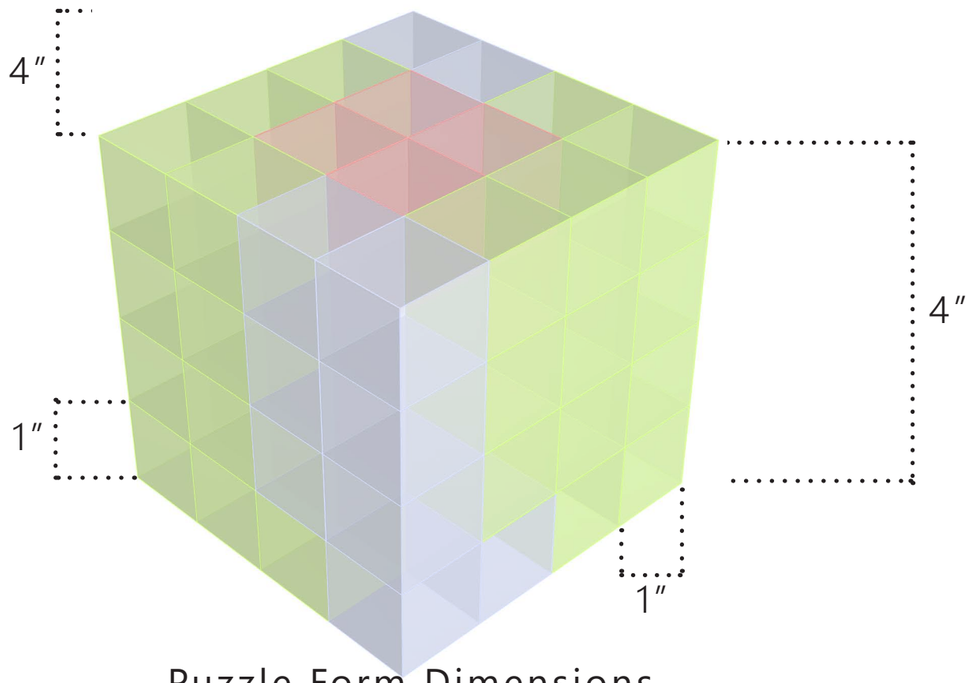
16 pieces total

Magnets in Pieces

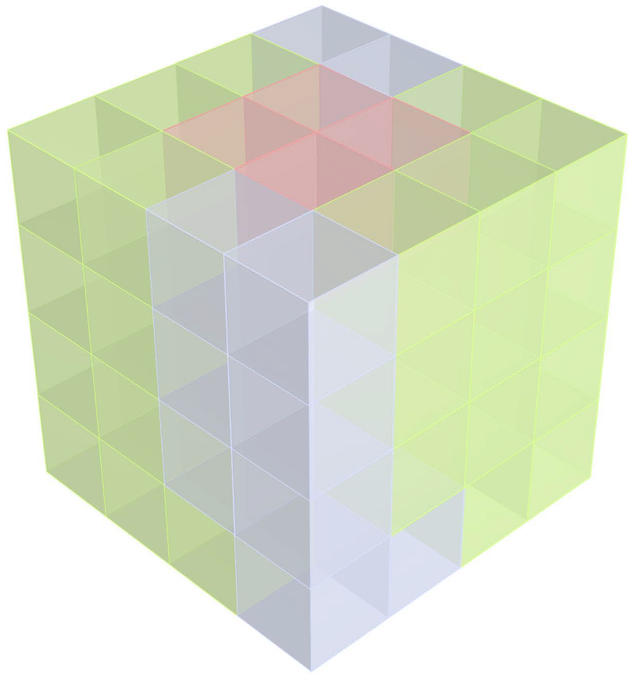
38 pieces total



Separated Puzzle Form

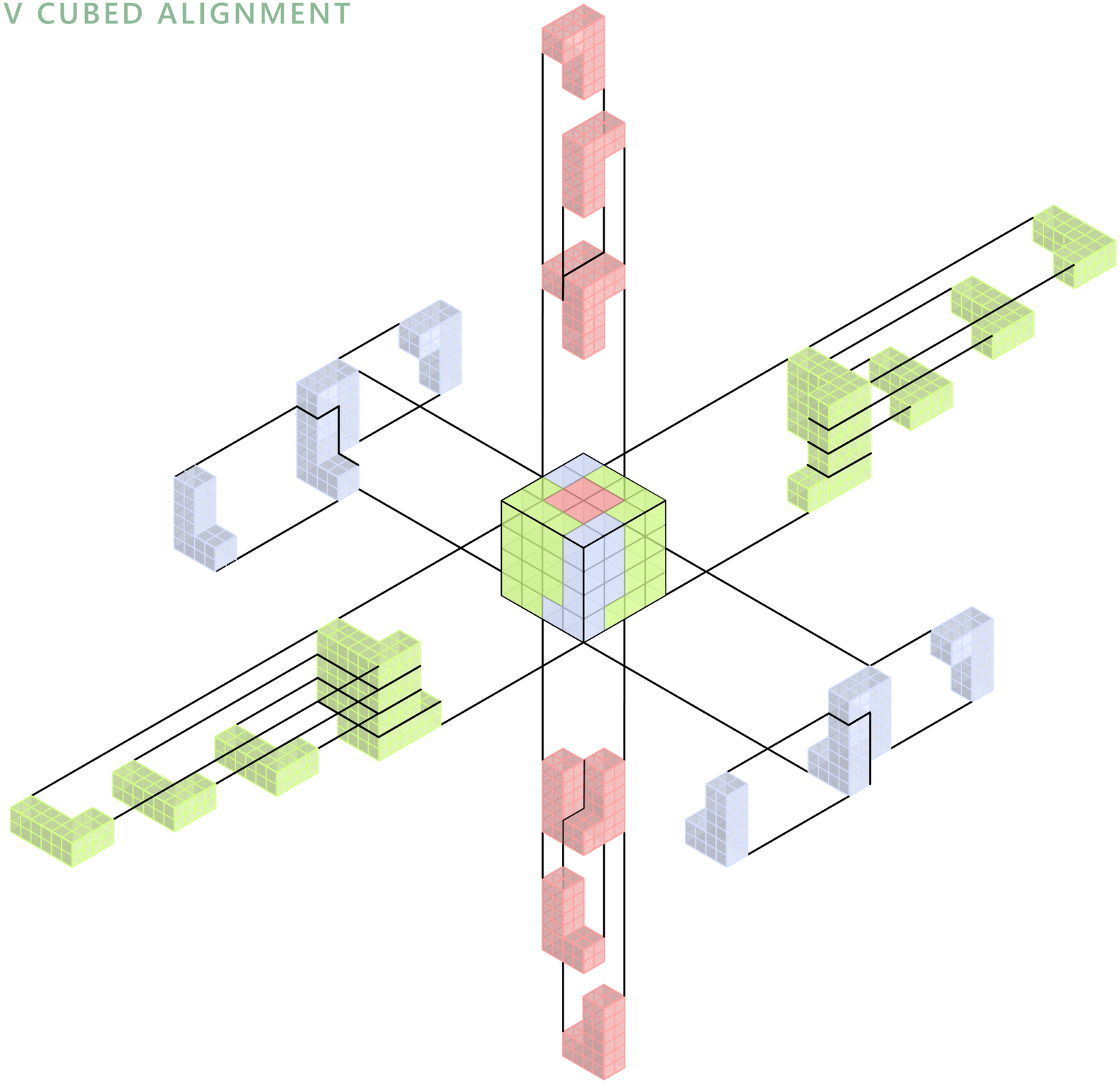


Puzzle Form Dimensions



Ultimate Puzzle Form

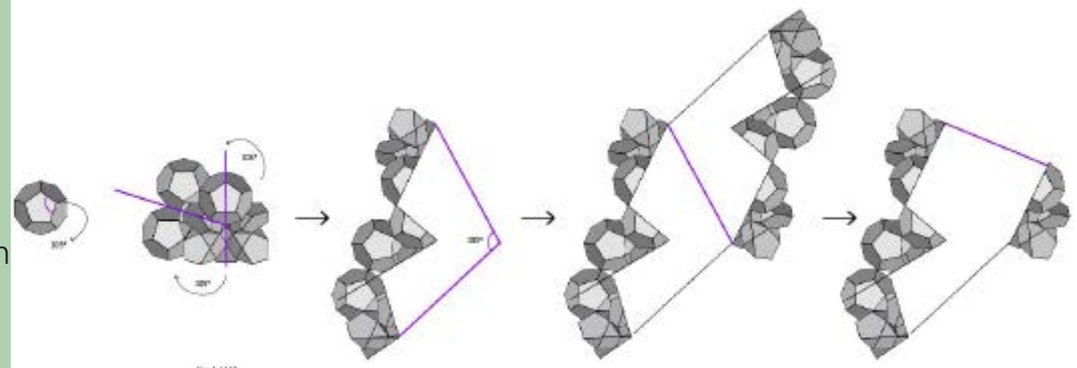
V CUBED ALIGNMENT

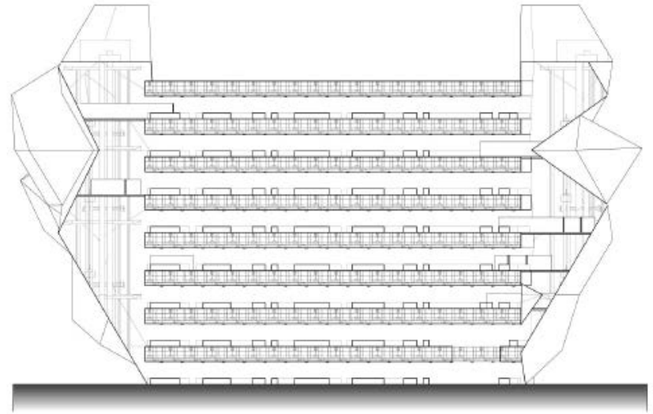


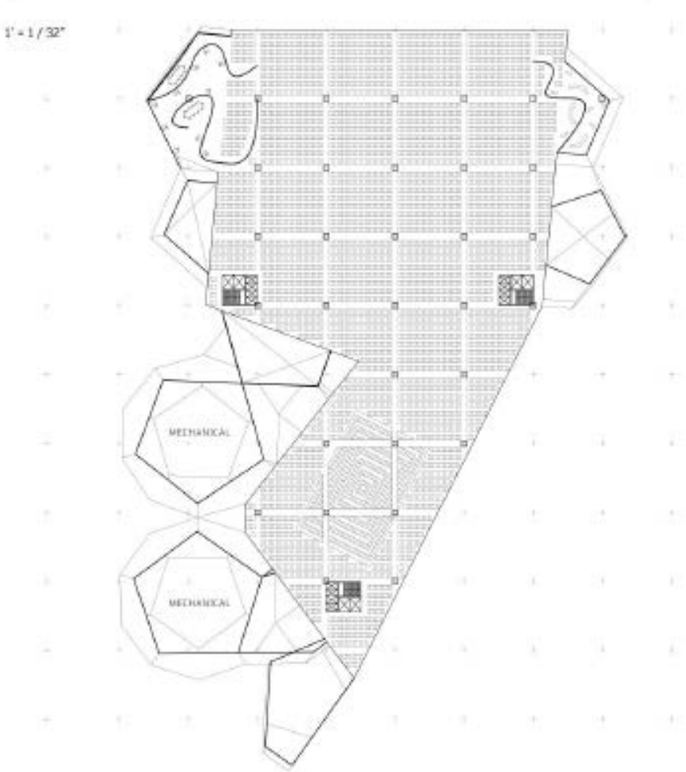
CRYSTALLA ORE

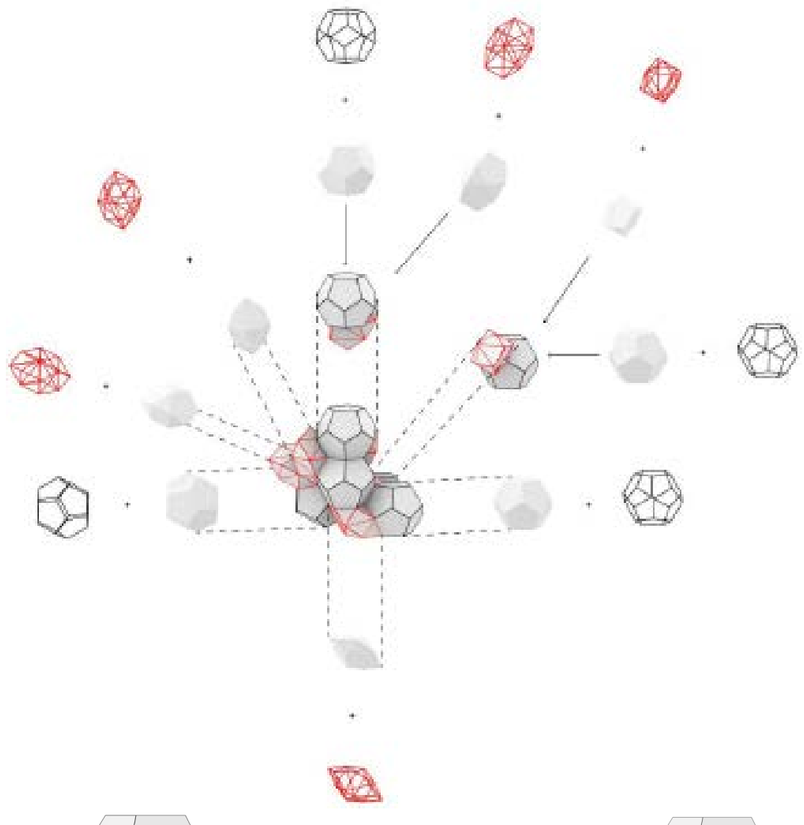
Looking at two space packing geometries, the dodecahedron and the bilunrotunda, visually they are very different but when working together there is a specific way to organize the pieces that would allow both of them to be used as a space packing method. Experimenting with contrasts like “void and solid”, “fragility and sturdiness” and more, this led to a discovery that the modernist grid works much better for computers than it would work for people. Thinking about circulation, machines dictate how people move throughout the building resulting in the typical modernist grid, but it is not this grid that people can occupy but the interesting spaces of the geometry alignments. Transitioning experimental abstract models to architecture is done by using it as both facade and occupiable space to an extent.

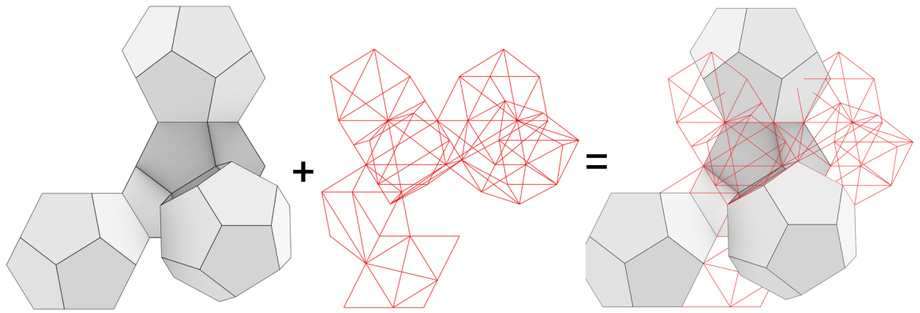
EXPERIMENTAL DESIGN

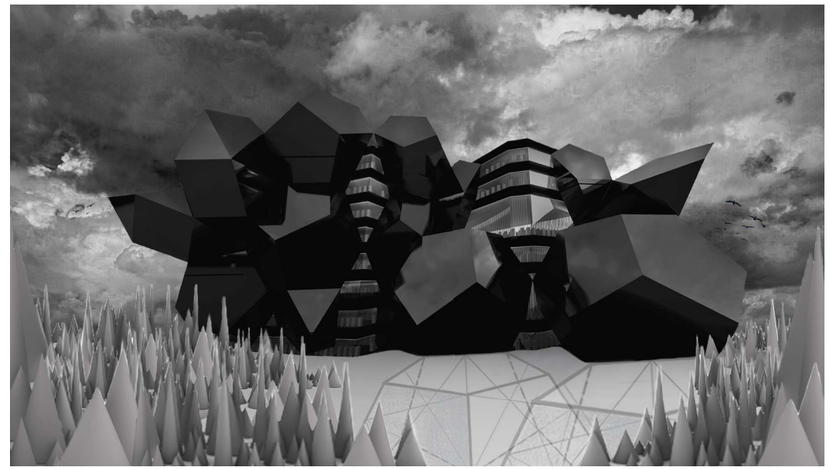












CREATIVE WORK

Over the course of several years, multiple methods and mediums were used to develope a variety of traditional and digital artworks.

Borromini's Perspective (2022)

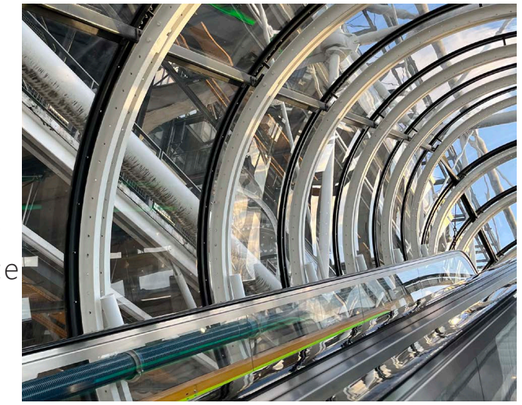
Mom's Favorites (2022)

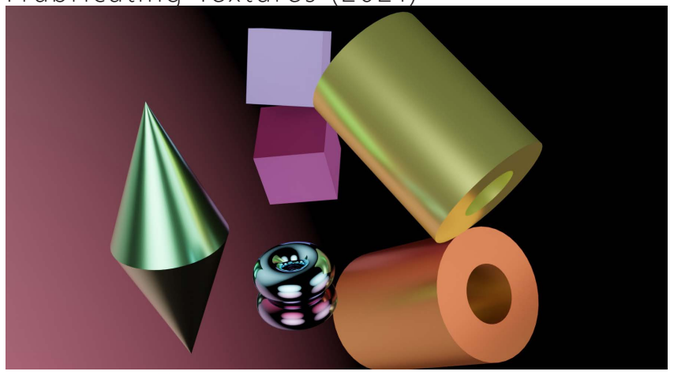
Between Walls Series, Venice, Italy (2022)

Don't Fall In (2022)

Frabricating Textures (2021)

Pompidou Circulation, Paris, France (2022)





Frozen In Time (2022)

Van Gogh City (2022)

Colosseum (2022)

MULTIPLE MEDIUMS

VARRIANNA SIRYON

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varriannasiryon@gmail.com
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A focused and determined college architectural student looking to use knowledge learned and technical experience gained from practical exercises in school; to apply in the workforce enabling me to become more of an asset to an organization.

Skills

- Sketching
- Model Making
- Design Research
- Creative Problem Solving

Languages

- English
- Portuguese
- Spanish

Awards

- Centennial Fund Scholarship
- Dean's Honor List (2019, 2020, 2021, 2022)

School Affiliations

- Assocation for Women in Design & Architecture (AWAD) (Vice President)
- American Institute of American Studies (AIAS)
- National Organization of Minority Architecture Students (NOMAS)
- Interior Design Student Organization (IDSO)
- Graphic Organization (GO)

Education

Kean University - Michael Graves College School of Public Architecture

(2019 - 2023)

Bachelor of Art in Architectural Studies (B.A.)

Elizabeth High School

(2014 - 2019)

High School Diploma

Experience

Kohl's Part-Time Sales Associate (2021-present)

Includes replenishing, customer service, register tasks, training new employees, store recovery, teamwork, communication and more.

Paid Internship at The John S. Watson Institute (2022)

Involves researching Trenton's built environment and economic issues to include as a foundation going forward. Site vitis, land use studies, mapping analysis, industrial research, and more were conducted along with meetings with the Trenton city planning and economic development offices.

Michael Graves College Research Team (2021)

Involved a cross disciplinary team of me as the 1 Architectural Designer, 1 Interior Designer, 1 Graphic Designer, 2 Industrial Designers and 2 Faculty Members within the design community at Kean University to plan and design ideas for COVID-19. Further participated in a COVID Seed Grant Project with 1 Graphic Designer as well as 2 Faculty Members within the design community at Kean University to continue to focus on COVID-19.

NBBJ Design Mentorship Program (2021)

The outreach program was an opportunity provided by AIAS to get paired with a mentor from NBBJ to start new relationships, acquire assistance or new perspectives on projects and ask questions.

Freshman Research Initiative (FRI) (2020)

Researching to gain insight about Net Positive Design through an Architectural lens and help a NOMAS' competition.