

port fol io.

Alejandra Chapa.

2022-2024

ALEJANDRA CHAPA

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ABOUT ME

Driven by a deep passion for crafting both beautiful and functional designs, I am dedicated to enhancing and preserving the living environment around us. I believe that thoughtful design has the power to transform how people interact with and experience their spaces, fostering positive and inspirational work environments. My commitment lies in creating spaces that not only captivate but also elevate the way people think and work.

EDUCATION

University of Colorado - Boulder

Bachelor of Environmental Design

2020-2024

- Architecture major
- Completed coursework in Revit, Rhino, Autocad, Building Construction and Design theory.
- studios in product design, landscape design, city planning as well as three architecture studios.
- final thesis project focused on how materiality can mirror the functionality of the spaces and their thresholds.

Institute of Advanced Architecture of Catalonia

Semester Abroad

01/2023-04/2023

- completed coursework in a future cities design studio, future in design theory seminar and science and technology skills work shops.
- final design project using grasshopper-based algorithms to test similarities between art and spaces in architecture.

EXPERIENCE

DESIGN ASSOCIATE

West Elm - Dallas, Texas

09/2024 - current

- Conduct design consultations with clients to create personalized interior design solutions, assist with spacial planning and utilize extensive product knowledge to aid clients in designing their ideal spaces.

PERSONAL ASSISTANT

Ms. Hahn - Boulder, Colorado

08/2023 - 07/2024

- Provided comprehensive personal assistant support, handling weekly errands, pet and home care during the client's absences, coordinating family events and pickups, and assisted with a wide range of work and travel logistics.

SALES ASSOCIATE

Anthropologie - Boulder, Colorado

05/2023 - 05/2024

- Maintained a welcoming environment for guests by ensuring clean and orderly spaces, while utilizing interpersonal skills and a keen eye for design to assist customers in selecting apparel and home goods.

ARCHITECTURE INTERN

Corgan - Dallas, Texas

06/2019 - 08/2019

- Shadowed architect, interior design, and graphic design teams, went on site visits, participated in team meetings and utilized rendering and adobe softwares.

INVOLVEMENT

DIRECTOR OF SCHOLARSHIP

Delta Gamma sorority

02/2022-12/2022

- Kept records of members academics organized, created personalized study plans to improve members grades, and planned engaging weekly study groups focused on improving academic performance and creating communication between members on similiar academic tracks.

DIRECTOR OF MARKETING

Environmental Design Student Government

08/2022-01/2024

- Designed unique flyers and social media content, organized communication with other campus organizations for collaborative events, and conducted engagement surveys to utilize in planning successful events for students and staff.

SKILLS

Revit | Rhino 3D | Grasshopper | Sketchup | Lumion | Enscape | Adobe Suites | Autocad | fluent in spanish

CONTENT

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Liminal : Capstone studio project || University of Colorado - Boulder

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Connexus : 3rd year studio project || University of Colorado - Boulder

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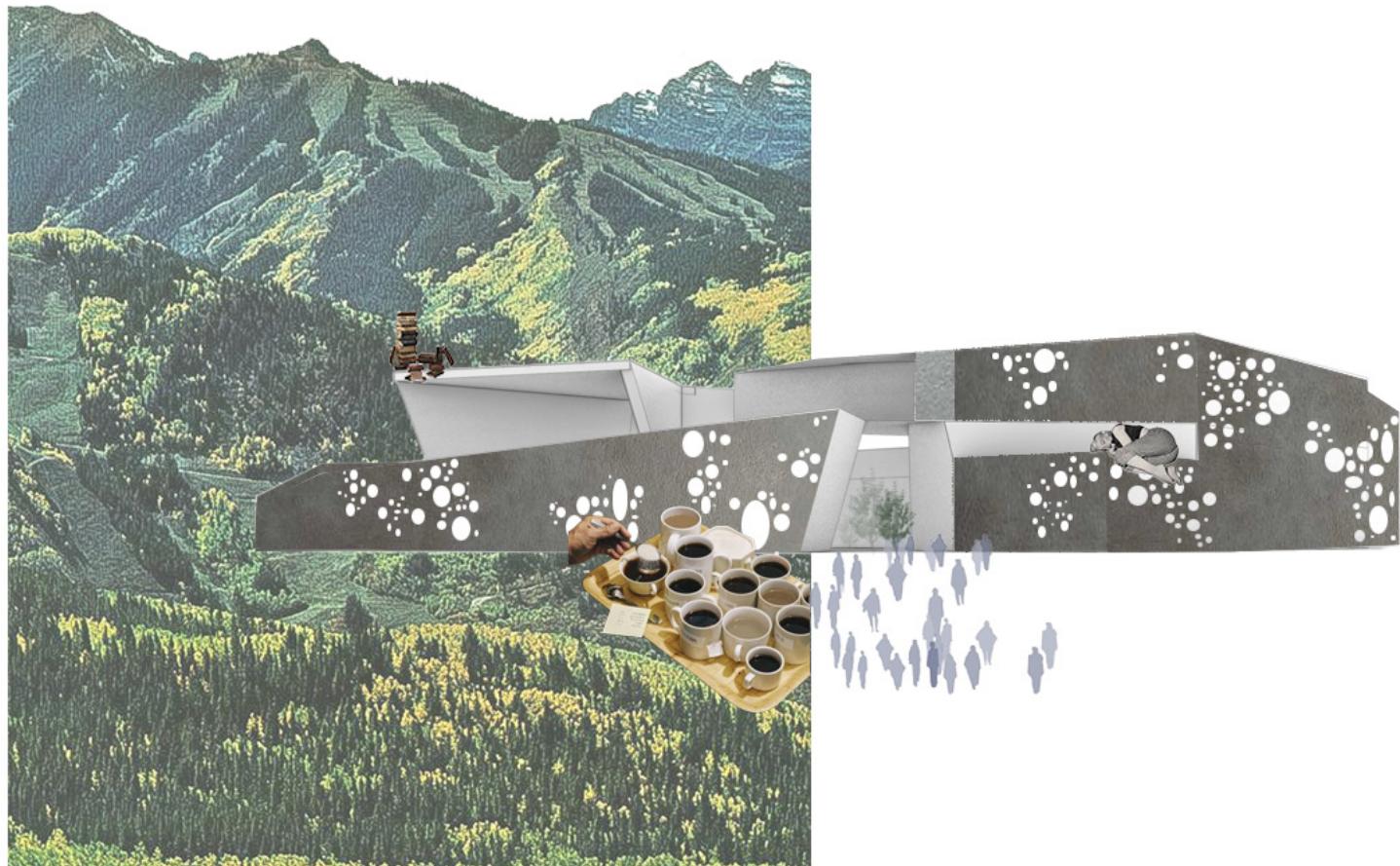
Di | section : 3rd year studio project || Institute of Advanced Architecture - Barcelona

01

LIMINAL LIVING

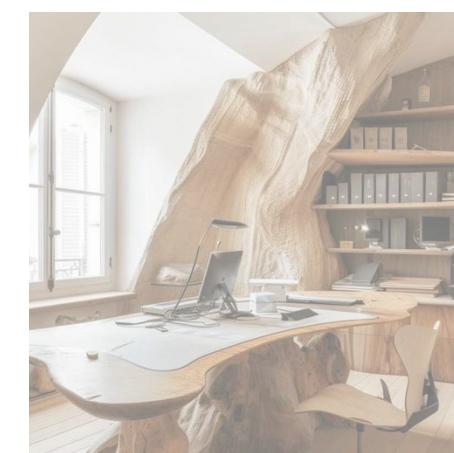
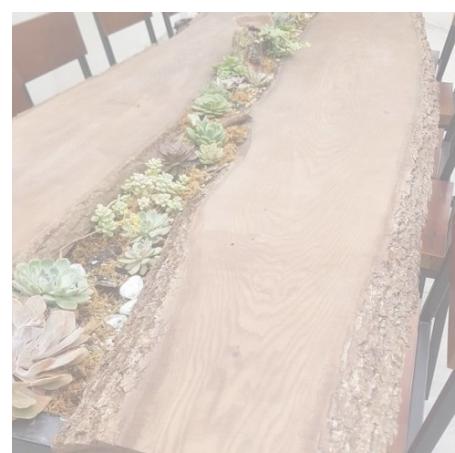
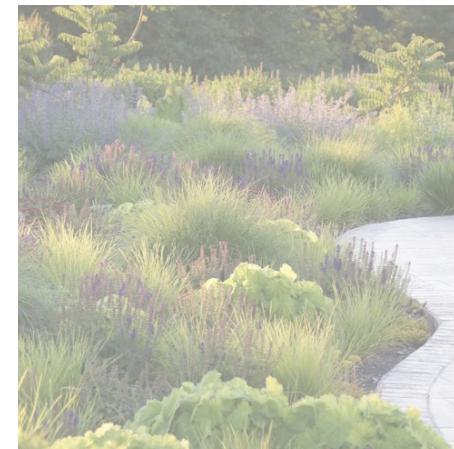
artist residency || Boulder, Colorado || 2024

Liminal Living is a program-forward investigation into two different art forms: horticulture and furniture design. Liminal aims to leverage the differences between the two different disciplines and mesh them together to create a unique space for innovation. Liminal transcends the ordinary, birthing art that defies convention. Located on the threshold between Boulder's lively downtown and the wild serenity of the Boulder canyon, the location informs the threshold concept.

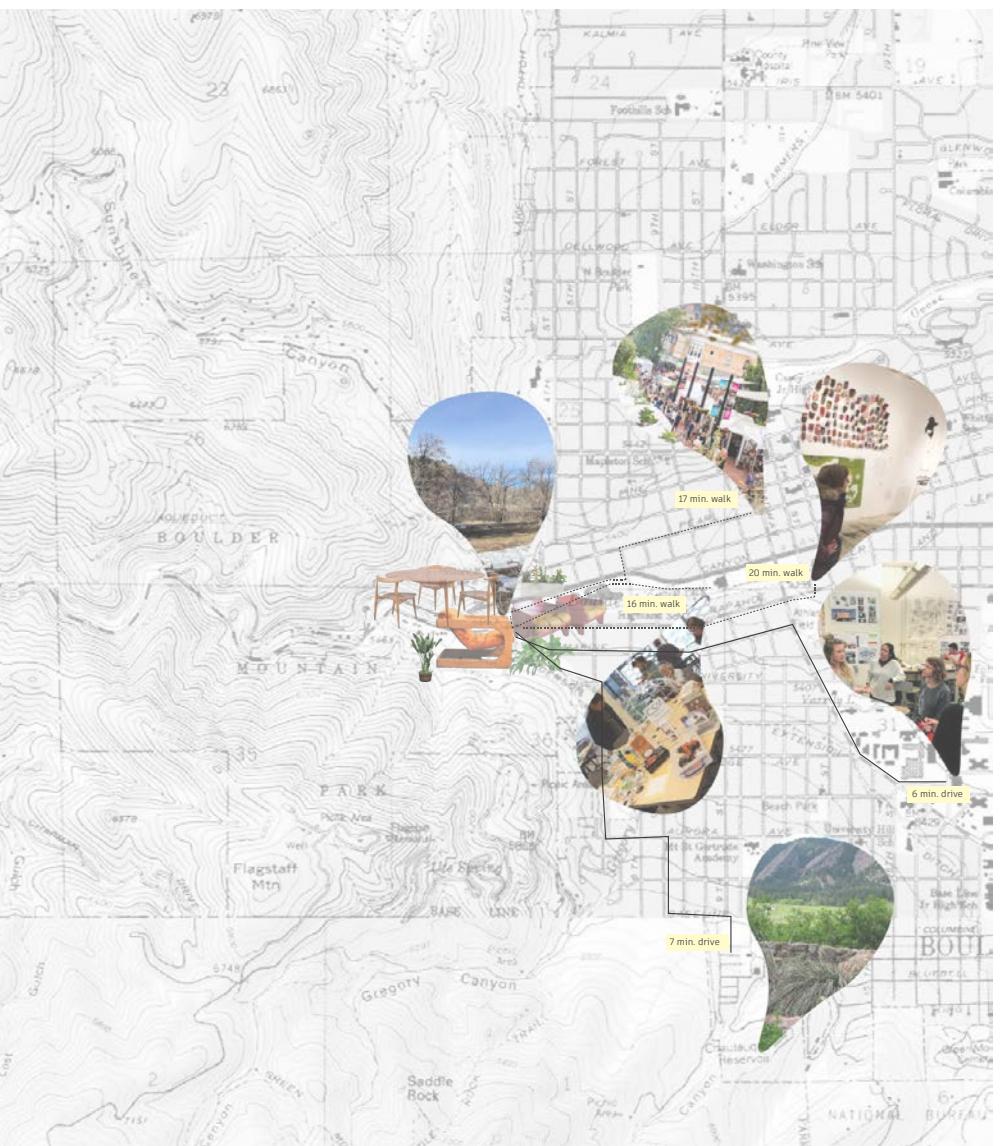
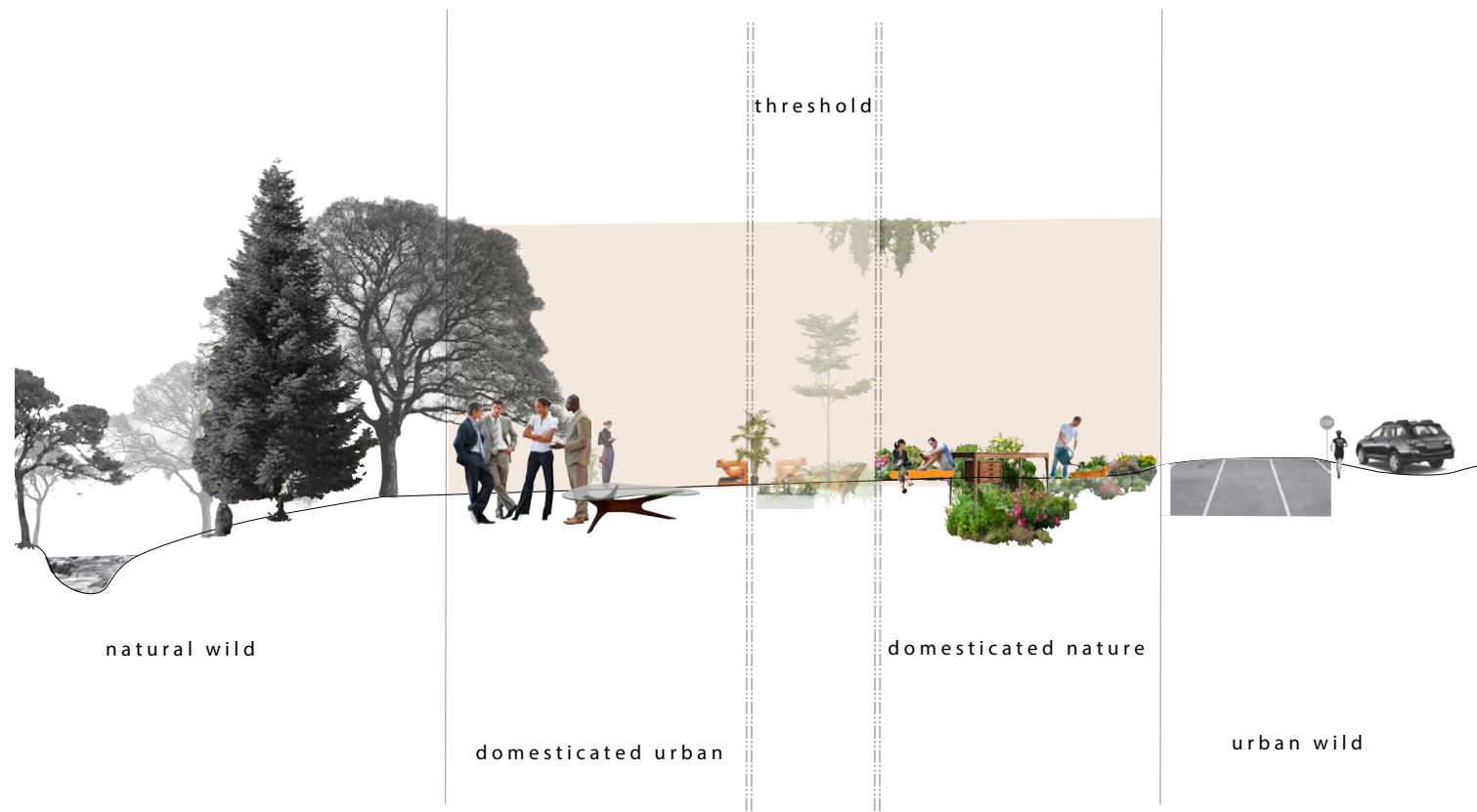


concept render using photoshop

“Celebrating the unexpected synergy between seemingly different disciplines.”

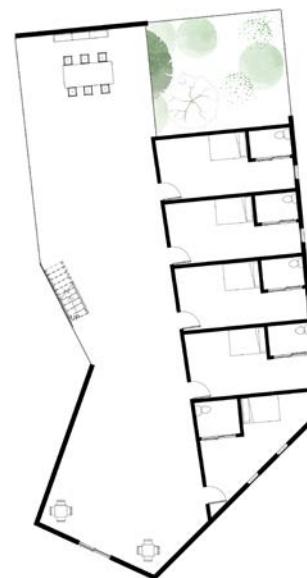
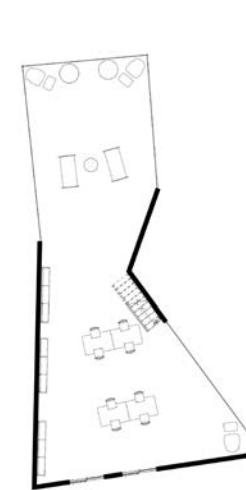


Liminal's design philosophy revolves around seamlessly integrating both disciplines, blurring the lines between indoors and outdoors and between the wild and the designed.

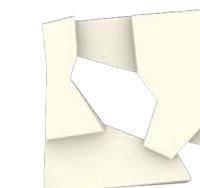


The connection between the artist residency and the boulder community was something strongly emphasized throughout the project. preliminary studies like this context map show the areas around Boulder where the artists would be most likely to visit and where they would be able to create community with the rest of boulder.

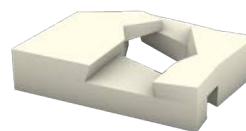
This site map shows the building envelope as well as a proposed parking lot redesign for the residents.

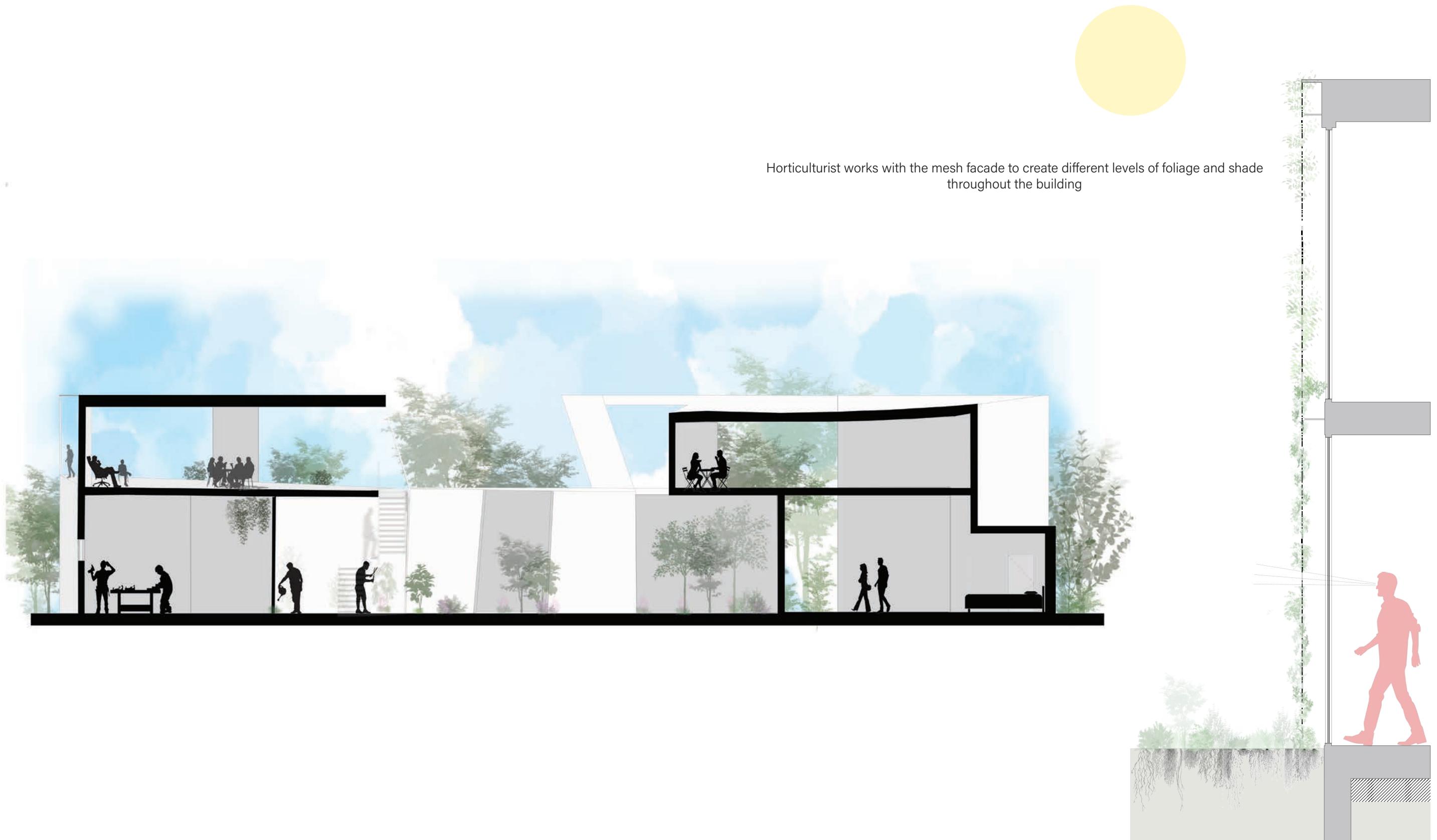


level 02

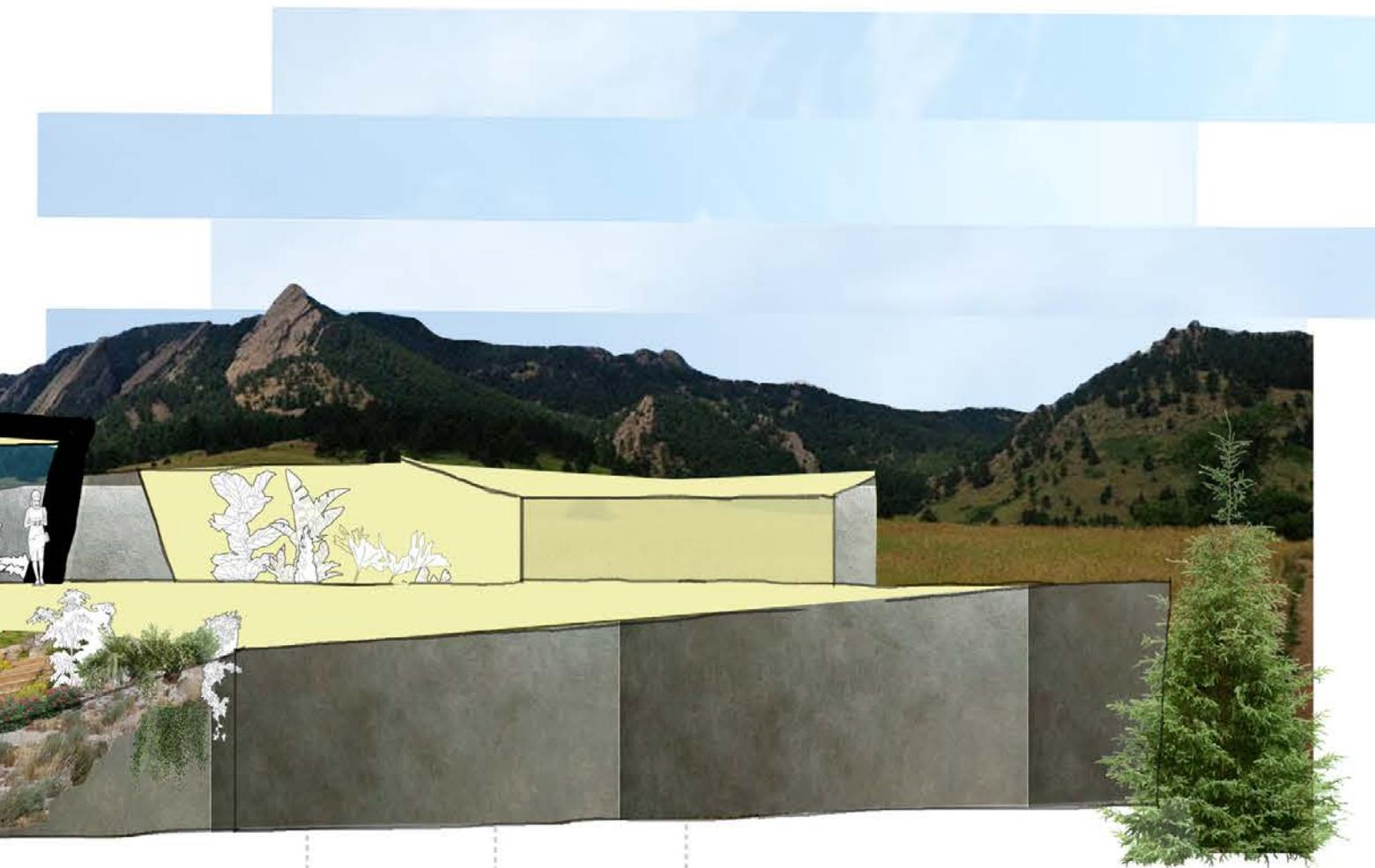


level 01





section || wall detailed section | Revit, Illustrator, Photoshop



collage render with mesh facade precedents | Hand-sketch, Rhino, Photoshop and Adobe Illustrator

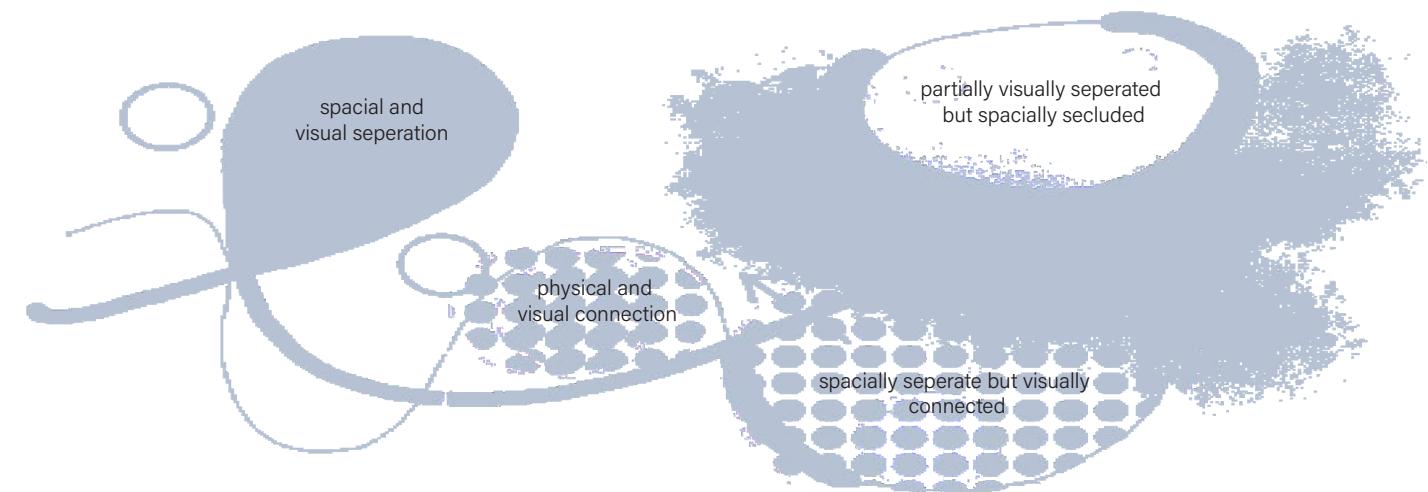
02

CONNEXUS

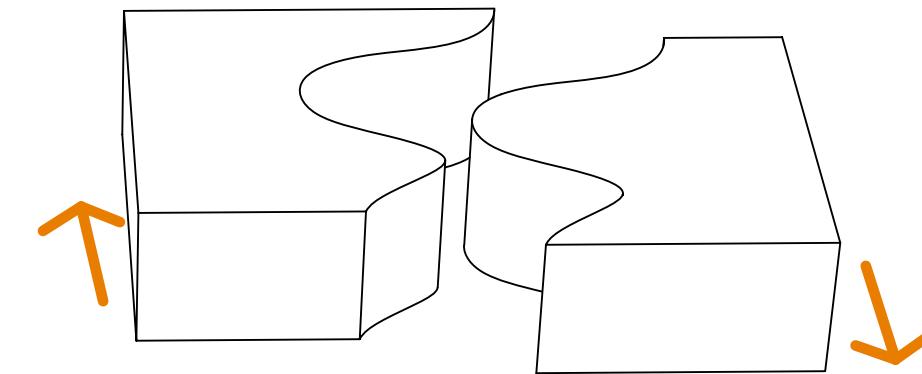
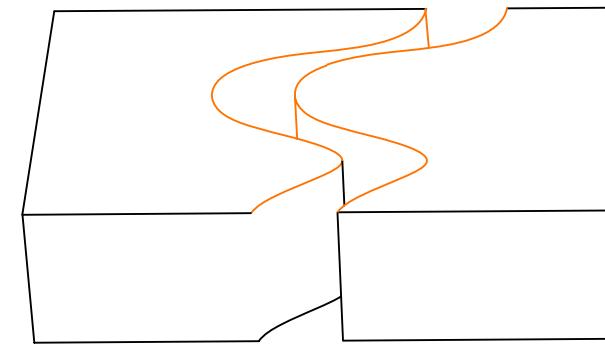
Mixed-use || Boulder, Colorado || 2022

Through experiences like the pandemic we learn the importance of the human connection paralleled with the reality of the importance of individual health. This design for the community building on Boulders East Campus is aimed at doing exactly what humans can do best, **adapt**.

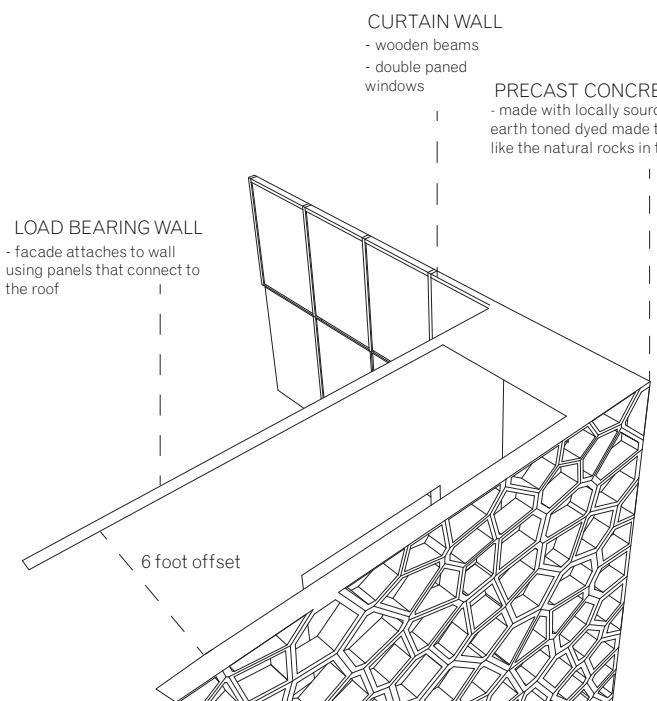
Blending the essential role of social vitality and human connection with the potential need for moments of isolation is central to a resilient future. This design uses each level to create subtle, invisible boundaries between private and public spaces. Even as spaces become more private, they continue to offer the benefits of connection, with outdoor areas on each floor that allow occupants to feel immersed in the site's energy and activity while maintaining a sense of personal well-being.



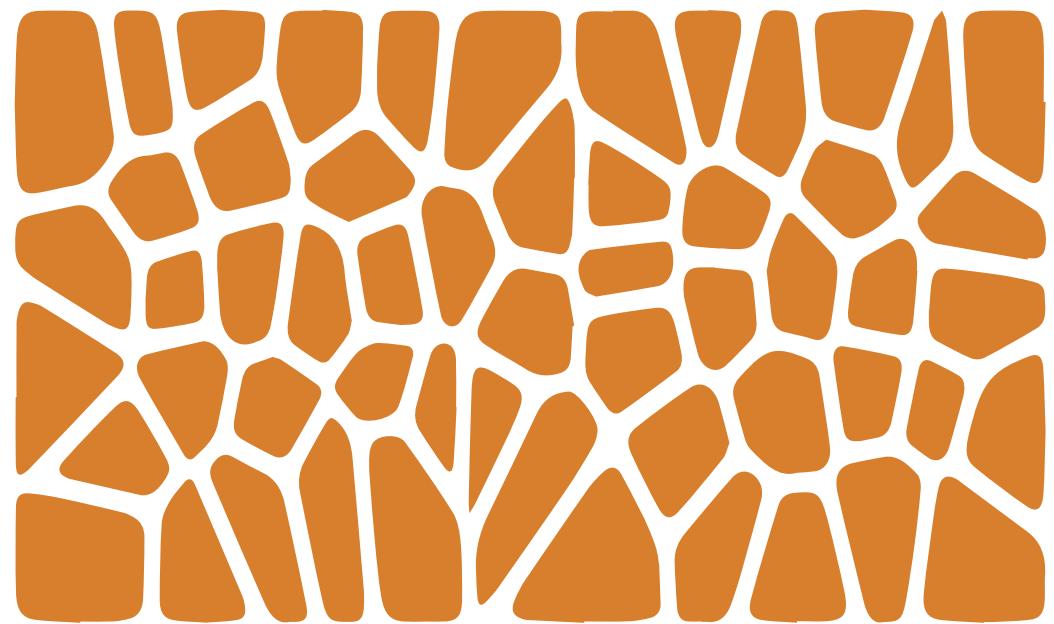
“Life is a series of changes, adaptations and lessons from each and every experience we encounter as humans.”



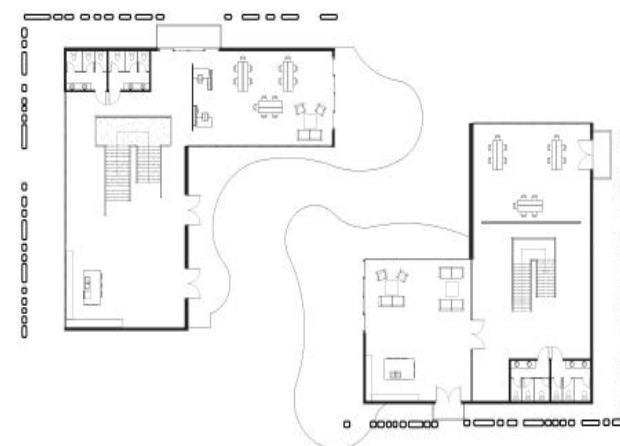
'Mesh' concept is shown physically through a voronoi patterned concrete facade on the exterior of the building. This facade not only exemplifies the concept in an artistic way but also provides dappled lighting throughout different spaces in the building creating unique environments dependent on sunlight exposure.



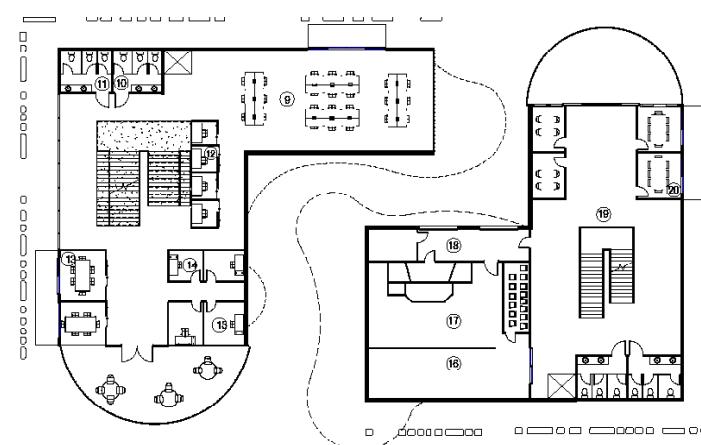
facade detail | Rhino, Revit, Photoshop



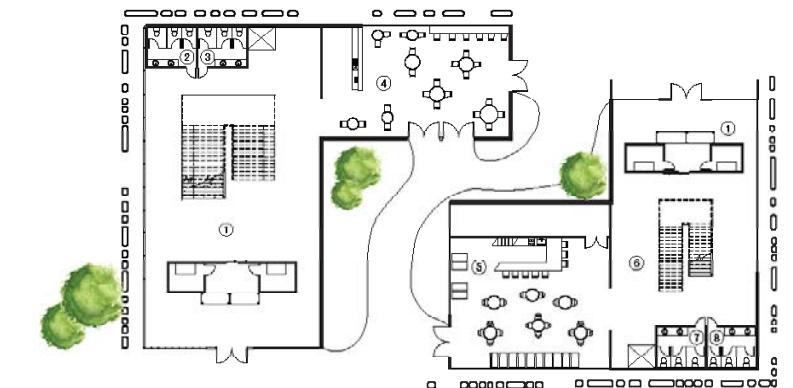
facade study || first floor cafe render | Rhino, Lumion and Photoshop



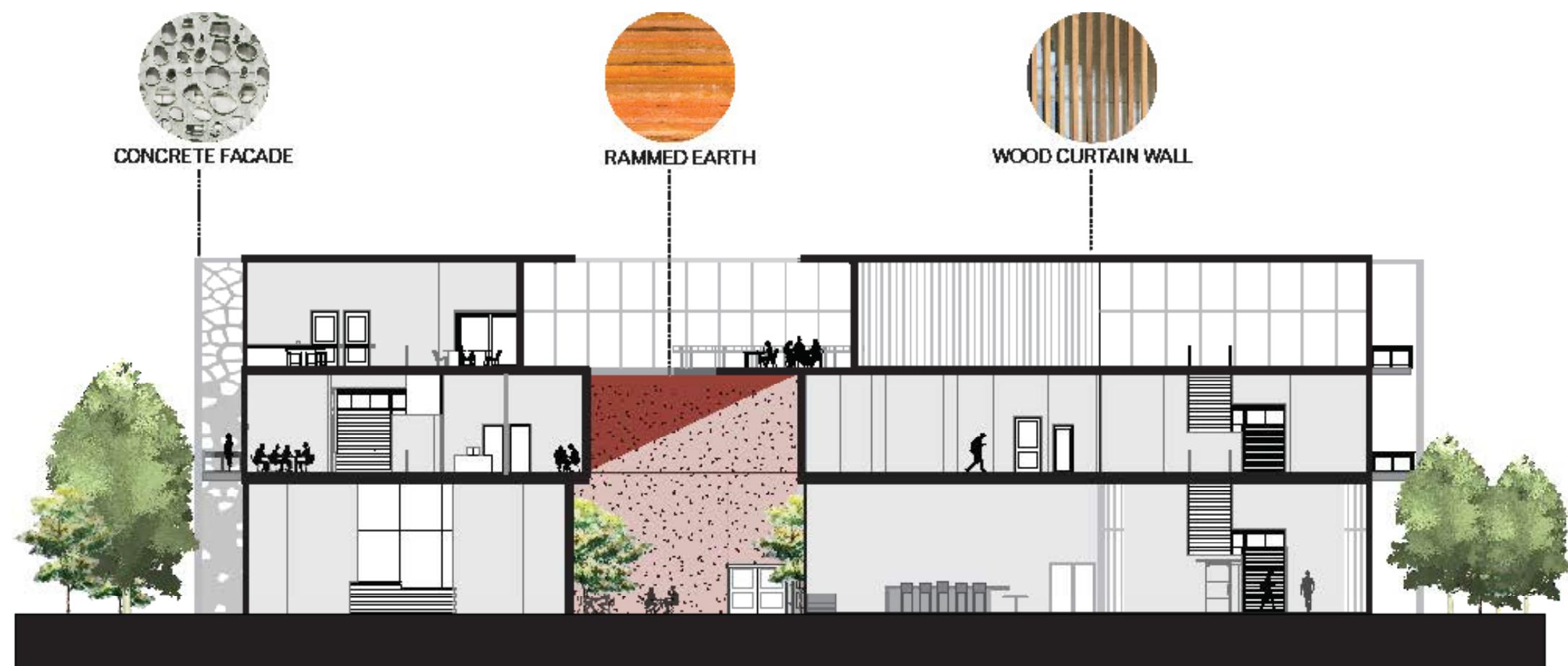
level 03



level 02



level 01



floor plans || section with material call outs | Revit , Rhino, Photoshop



Connexus is designed not only to reflect Colorado's natural landscape with its warm tones but also to embody sustainable principles through the use of local materials, like rammed earth and repurposed copper, that reinforce its environmentally conscious approach.

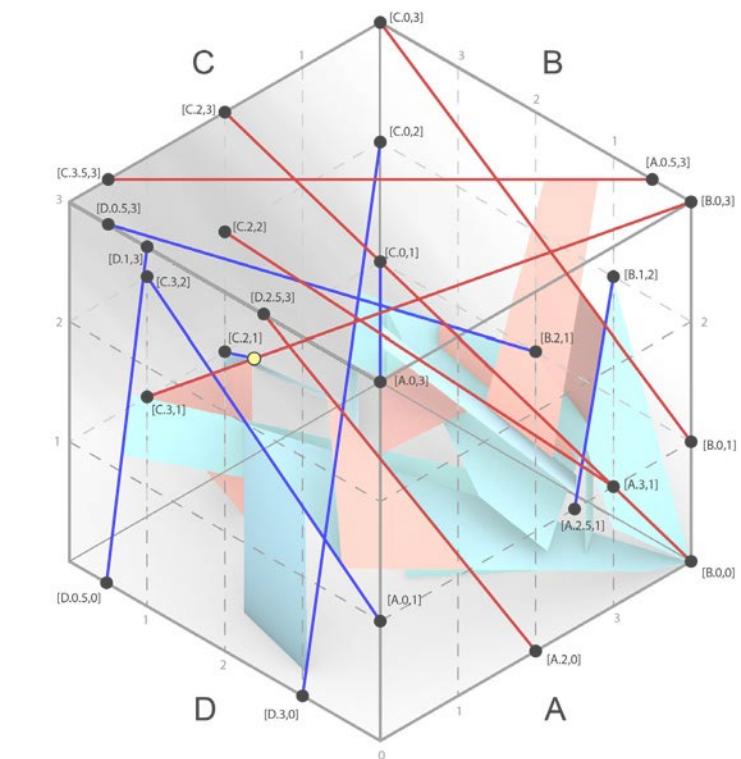


03

DI || SECTION

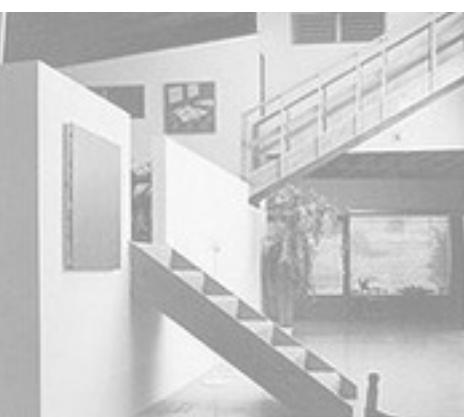
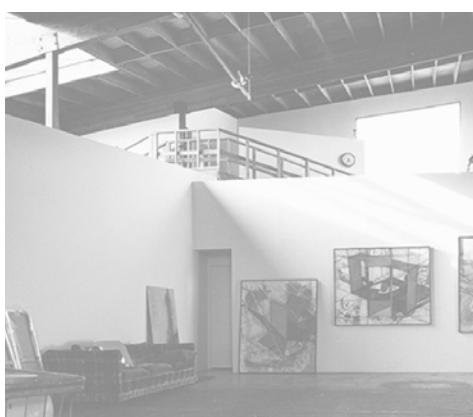
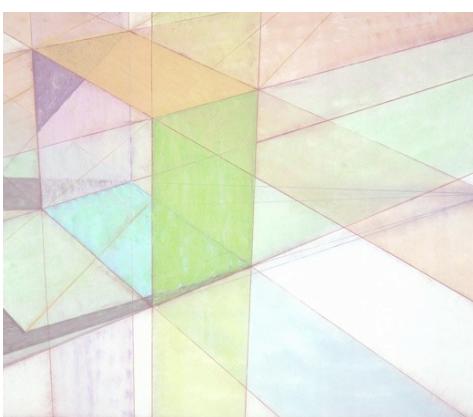
Art Gallery + Bar || Barcelona, Spain || 2023 || In collaboration with Rachel Herron & Kayla Sit

DiSection is a project that reimagines a precedent by breaking it down and transforming it into something entirely new. By dissecting artwork, developing a protocol to deconstruct and reapply its elements, our team created a versatile process that can be applied to any space. We used fundamental dissection techniques to analyze lines and shapes, transforming any 2D image into spatial art and vice versa. This approach ultimately enabled us to create a unique, adaptable design concept for a new art hub in Barcelona.



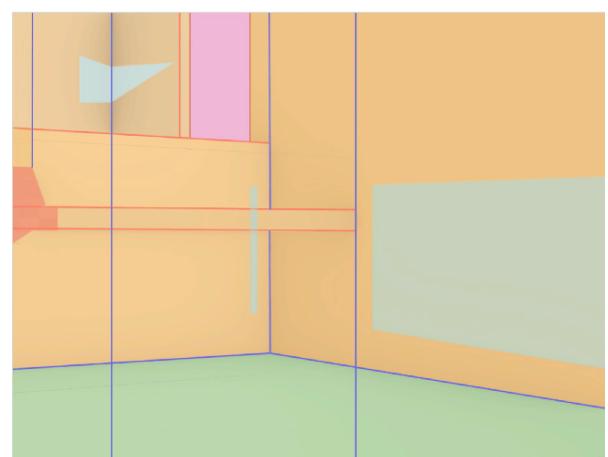
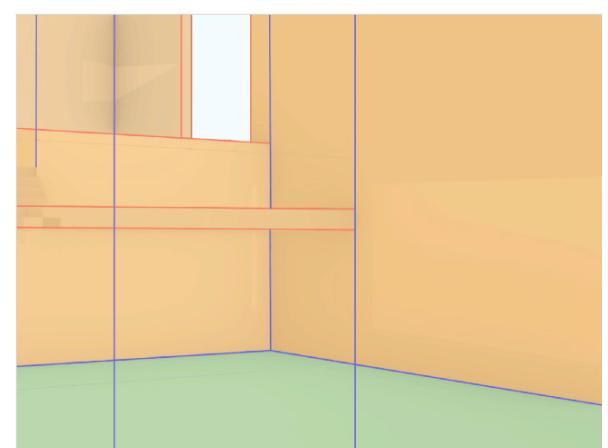
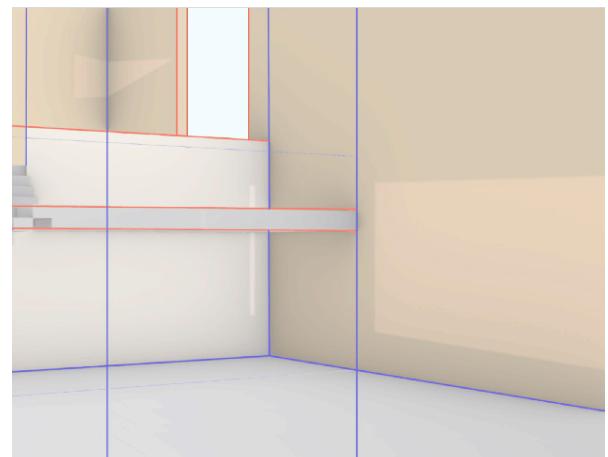
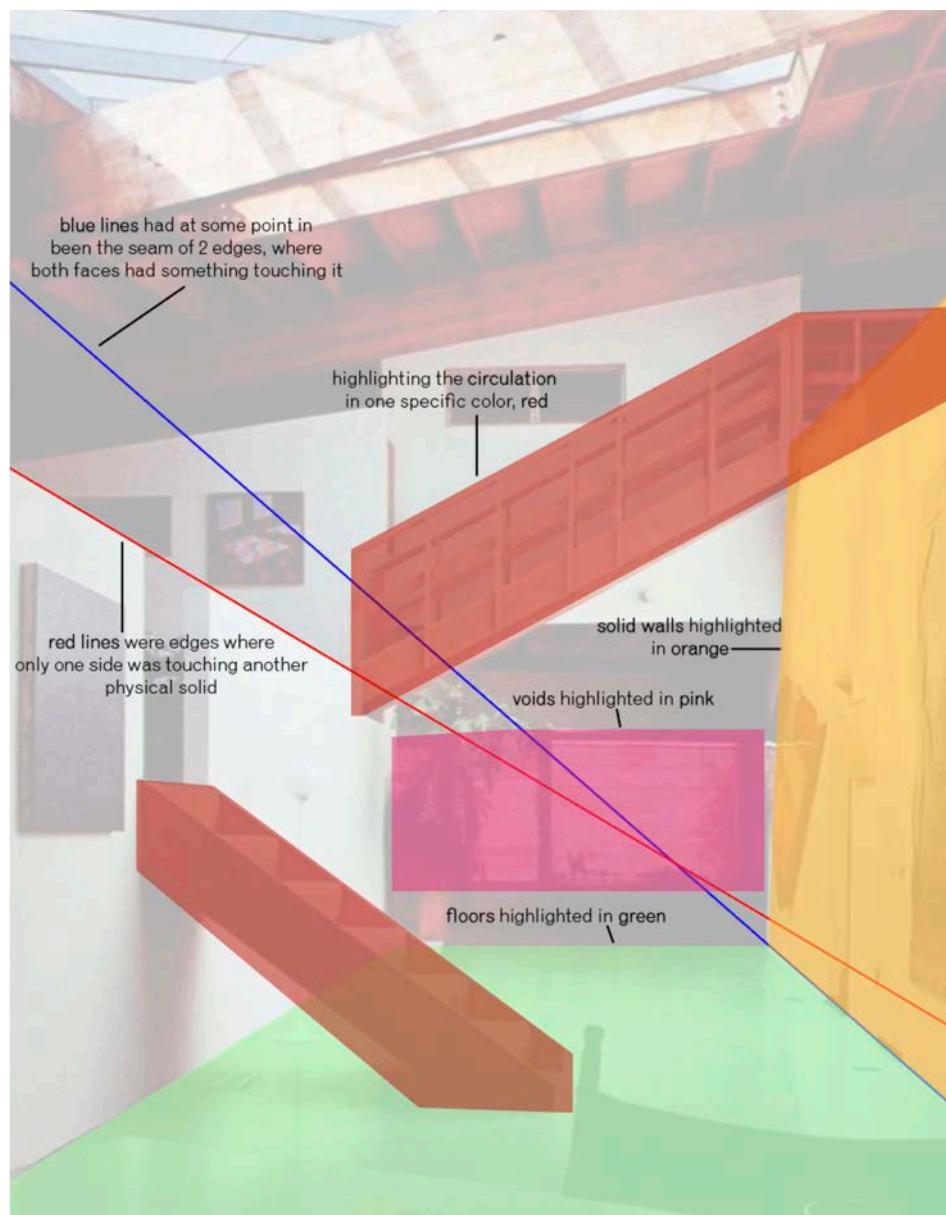
final iteration of grasshopper grid procedure

"The hand sketches the future; the mind envisions it, but it's architecture that brings it to life, standing as a testament to human thought and creativity." – Frank Lloyd Wright

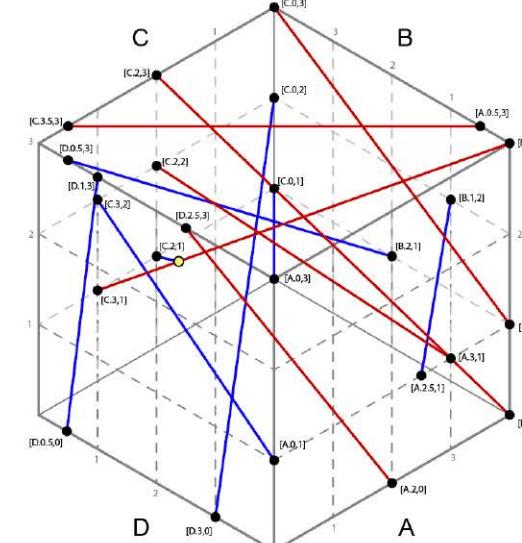
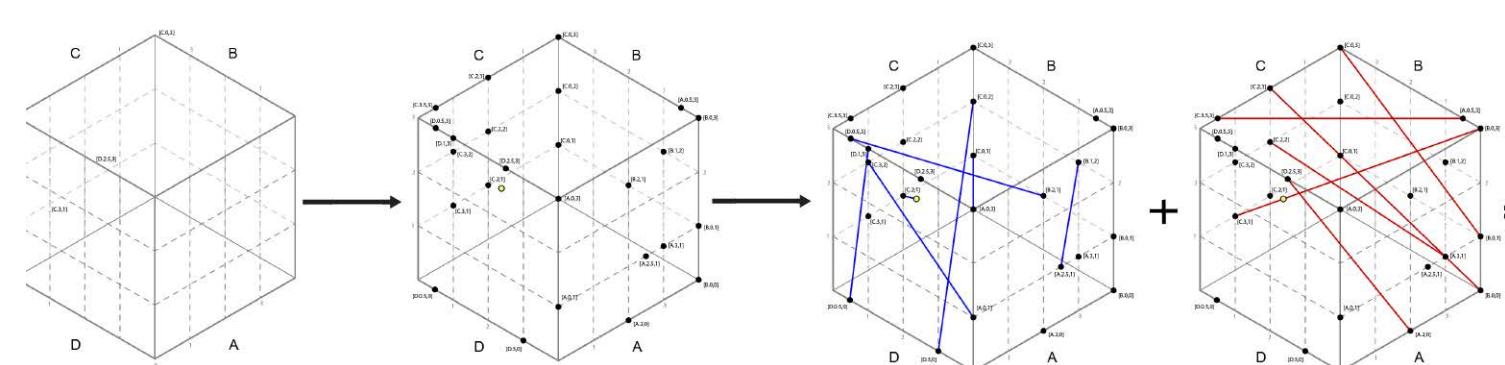


Ron Davis art work || Ron Davis house by Frank Ghery

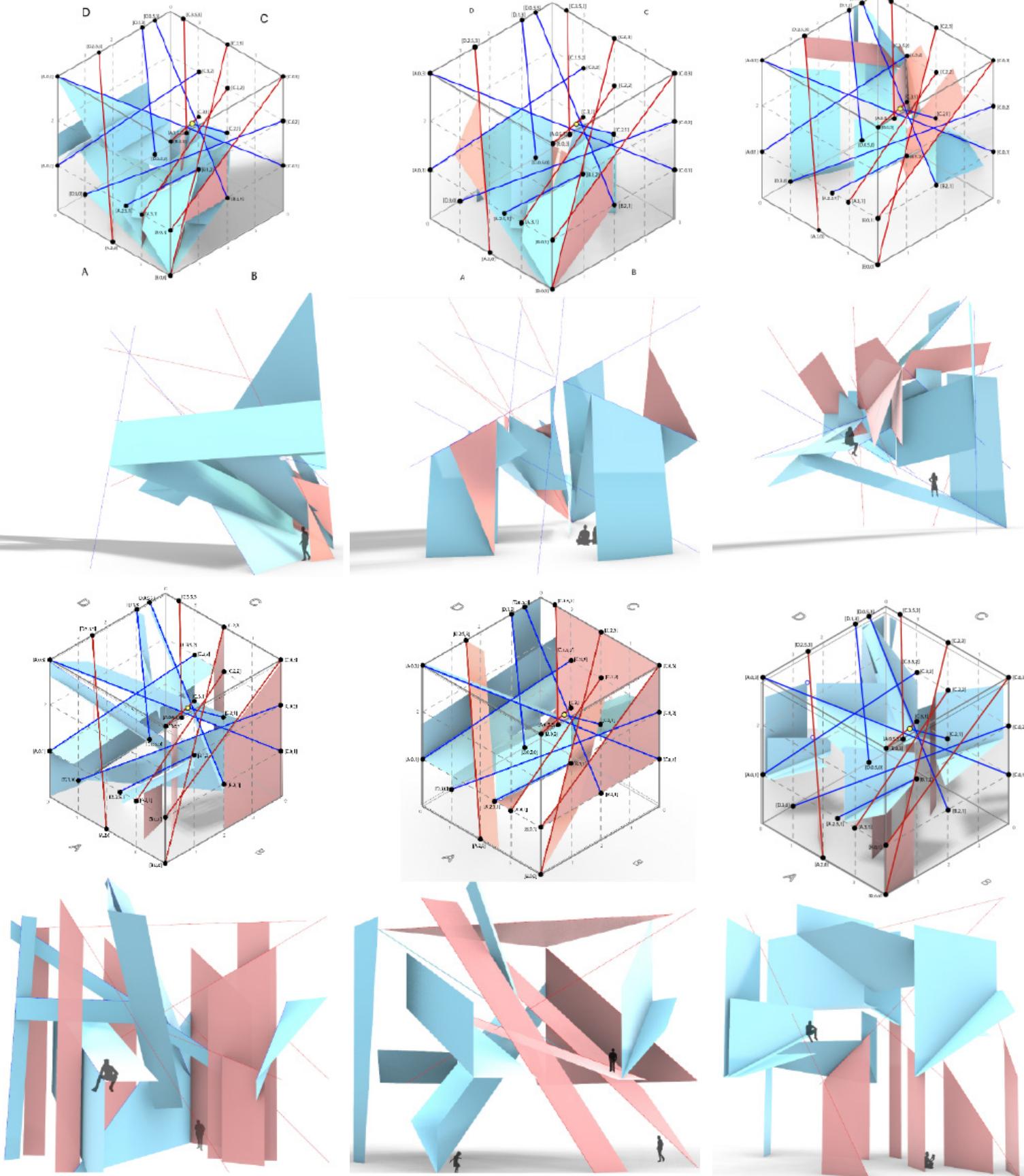
Taking the geometric style of Ron Davis's artwork, our team created a protocol to dissect the spaces around the Ron Davis house - aiming to find the connection between the two.



Using our original protocol we then created a grid system through grasshopper in order to create a base for our iterations

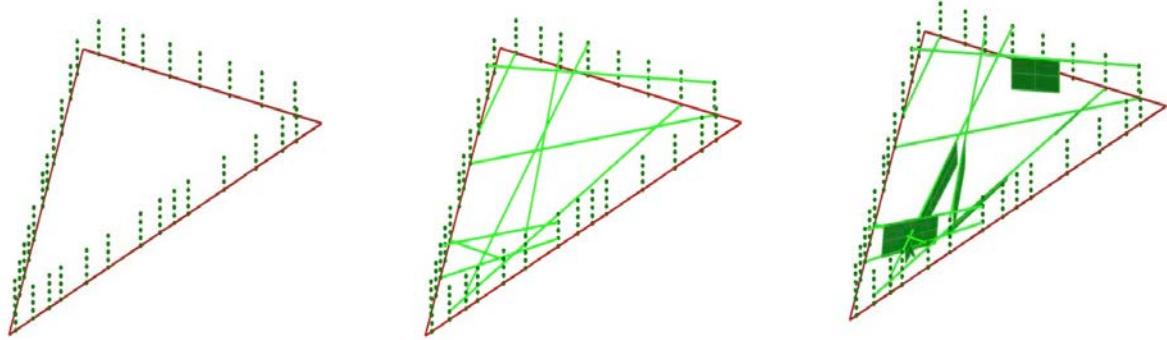


These lines were extracted from a series of dissections from different spaces throughout the house

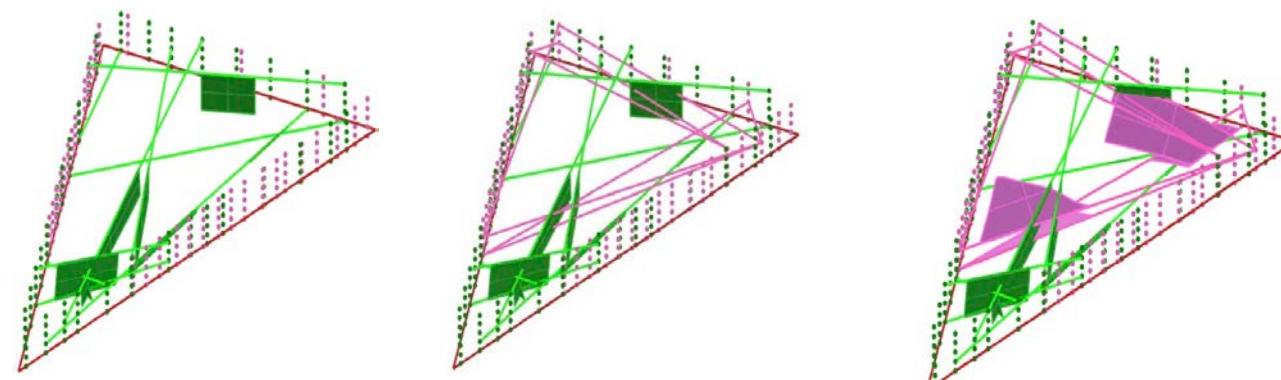


preliminary protocol lines | Grasshopper, Rhino, Photoshop

series of iterations | Grasshopper, Photoshop, illustrator



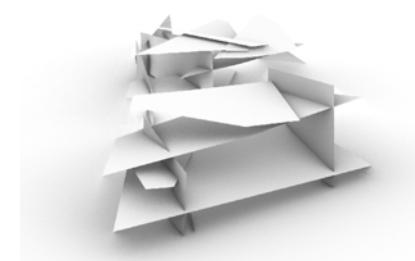
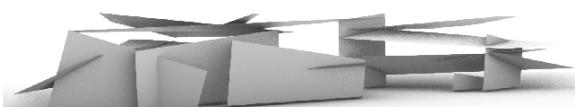
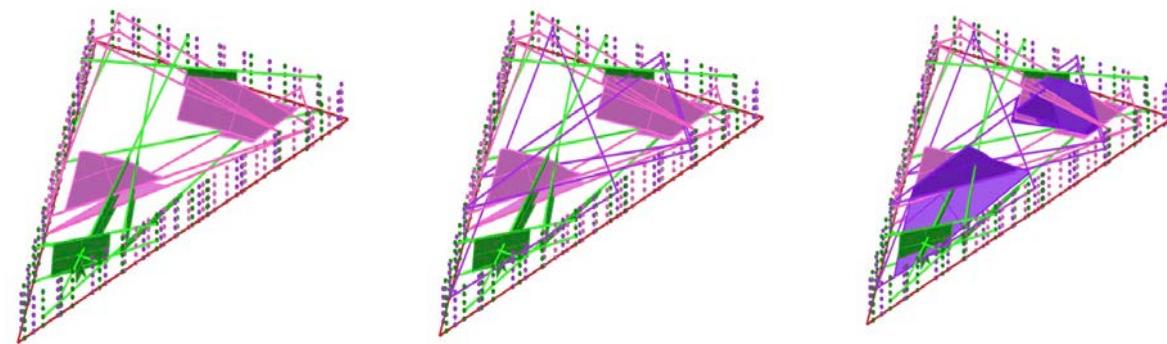
Taking the information gathered from the site, our team took our protocol and morphed it to fit the site boundaries - using surrounding buildings as points in the grid system - after many iterations we chose our final.



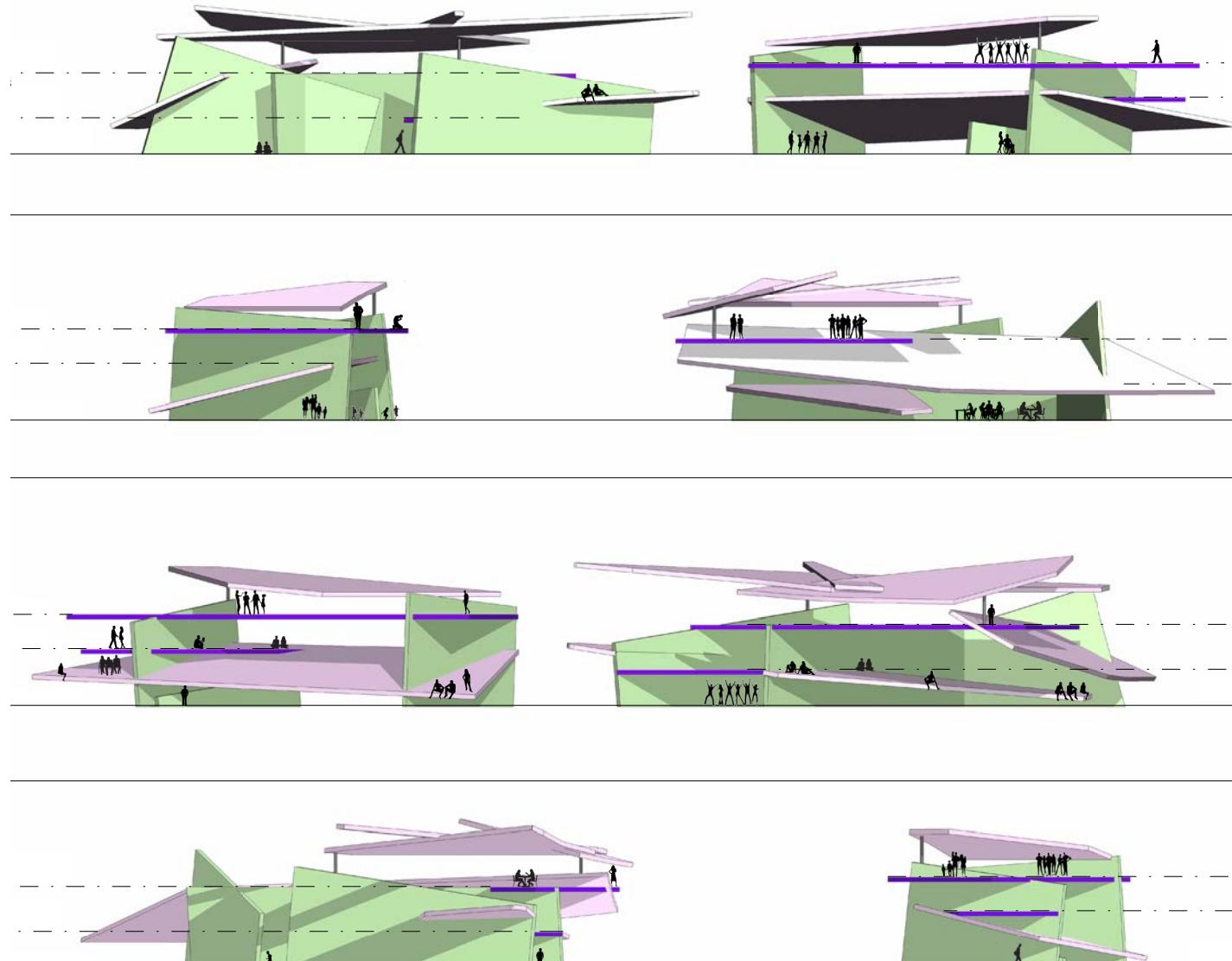
POINTS:
● edges of existing surrounding buildings
● grid lines coming from closest buildings to the site
● inferred grid lines based on buildings and blocks surrounding site

LINES:
— connecting green point to another green point
— connecting purple point to another purple point
— connecting pink point to another pink point

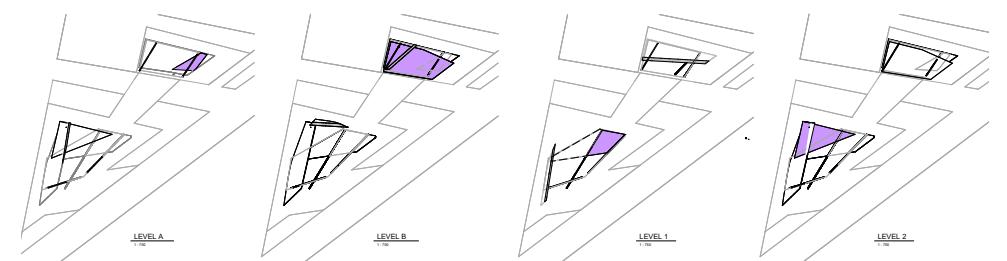
EXTRUSIONS:
— extrusions in the -z direction off of the green lines
— extrusions in the -z direction off the purple lines
— extrusions in the -z direction off the pink lines



finalized form partis || protocol for shape | Rhino, Grasshopper, Photoshop



elevations | Revit and Photoshop



roof plan || floorplans | Revit, Rhino, Photoshop



**Thank
You.**

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