



michael kozio



# Michael Kozioł

## EDUCATION

### Architecture Bachelor of Science

University of Illinois at Chicago

08/2019 - 05/2023, Chicago, IL

Honors

Prairie Center (YES nominee)

Bed Seminar (YES photograph display)

Vertical Things (YES nominee)

### Biology/Architecture

William Rainey Harper College

08/2017 - 05/2019, Palatine, IL

## WORK EXPERIENCE

Drafter

Norberg Electric

06/2020 - Present, Elgin, IL

Achievements/Tasks

Led drafting team for the Ft. Wayne prototype project

Interpreted schematic sketches into AutoCAD

Working directly with architects and electricians for prototype project

Excellent understanding of a range of electrical products and mechanical systems

Use Autocad to estimate, draft, and produce clear and concise drawings

Contact : Erik Norberg - 847-269-0174

Research Assistant

Architecture with Stewart

05/2021 - 08/2021

Achievements/Tasks

3D modeling

Communicating with Archives

Researching and analyzing drawings of unbuilt/demolished buildings

Contact : Stewart Hicks - hickss@uic.edu

Accessories Department Member/Sales  
Floor & Decor

06/2015 - 06/2016, Arlington Heights, IL

Sales

Interior design consulting/sales

Contact : Tanner Holfeld - tannerholfeld@gmail.com

## PERSONAL PROJECTS

Stairbed

Displayed at UIC Year End Show

Taking Out the Trash: The

Future of the Chicago Alley

Senior Capstone project for UIC

Presented at UIC Sciences fair Spring 2023

Pinkbar Chair

Architects chair Competition

## ORGANIZATION/S

Arquitectos (08/2019 - 2021)

Secretary

Women in Science and Engineering (WISE)

(2018 - 2019) Member

AIA (American Institute of Architects)

(2023-Present) Member

AIAS (Architects in Schools)

Mentor

## SKILLS

AutoCad

Rhinoceros 7

Adobe Suite

Microsoft 365

Conceptual Development

Problem Solving

Communication Written/Oral

Windows PC

Troubleshooting PC repair

Driven/Motivated

## LANGUAGE/S

English

Native or Bilingual Proficiency

German

Elementary Proficiency

Polish

Full Professional Proficiency

## INTERESTS

Drawing

Piano Composition

Sculpture

Technology

Design/Industrial Design

Sustainability

Computer Repair

Video Games

Game Design

## CONTACT

email

michaelkoziol13@gmail.com

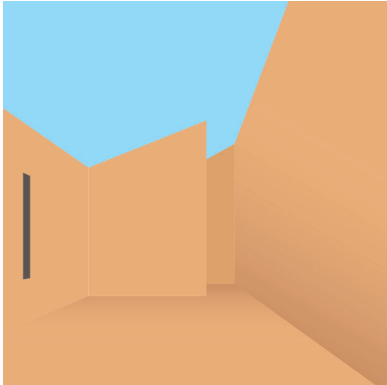
phone

224-628-1892

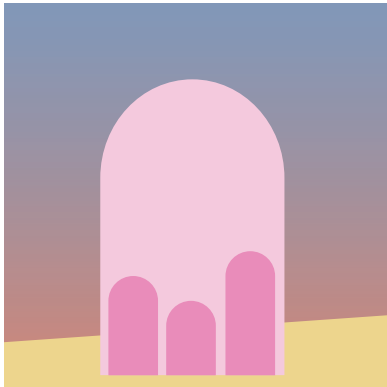
address

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USA

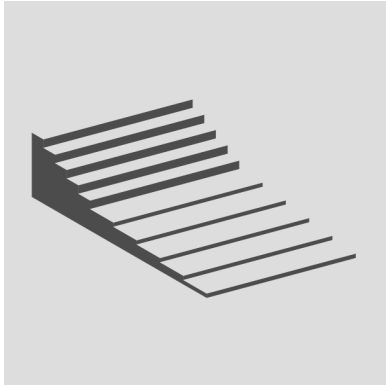
architecture



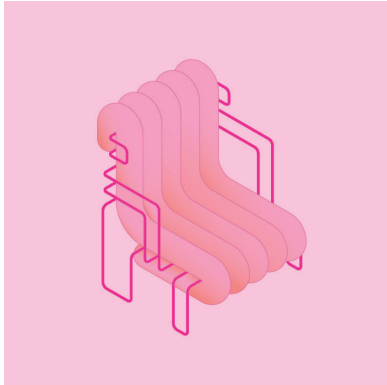
1  
BRICKED IN



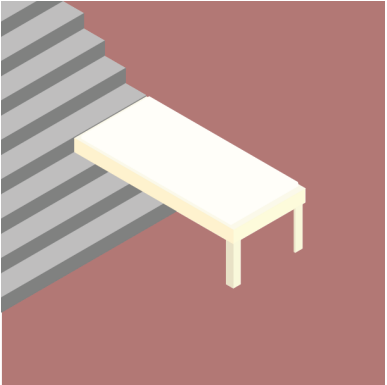
2  
PRAIRIE CENTER



4  
VERTICAL THING



5  
PINKBAR CHAIR



6  
STAIRBED

furniture

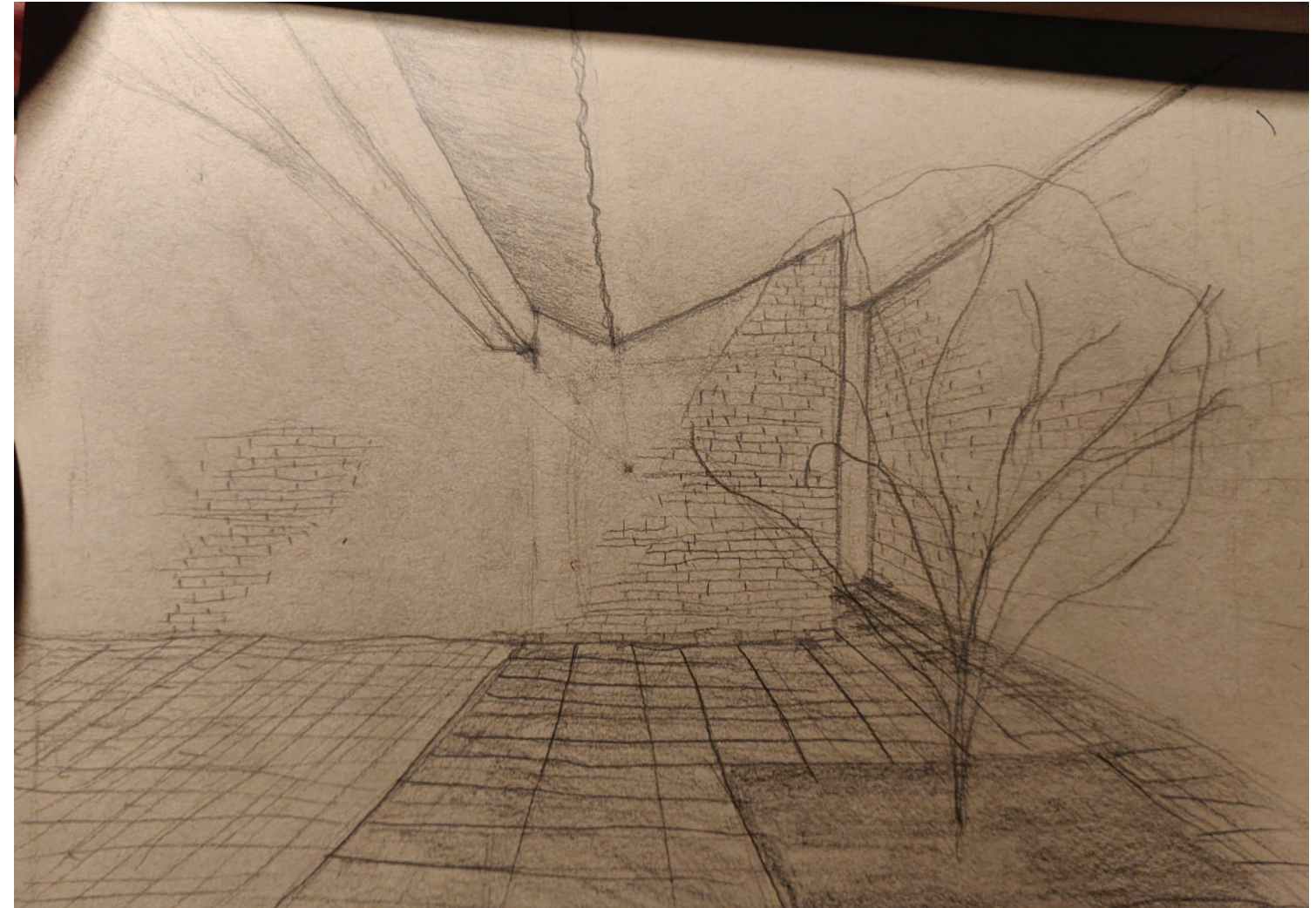
# BRICKED IN

A

## CREATIVE ACADEMY

Bricked In is a Creative Academy for Artists, craftspeople, and others that do cool things. The Site is South Works where the old steel mill was in Chicago. The site has three giant ore walls which is now a protected bird sanctuary. Once a bustling industrial enterprise now the largest undeveloped plot of land in Chicago. It is quiet and serene remnants of the Old Steel mill scattered throughout the preserve..

As lover of the piano I wanted to create a space that allowed a pianist to create the most wonderful works of art. Researching musical creativity led me to Brian Eno's Oblique Strategies. The project began to create itself from there. I would surrender its form and materiality to the South Works' warehouses. Reclaimed Chicago common brick and steel. It is an experiment in modesty.





# Precedents



Studio Rick Joy

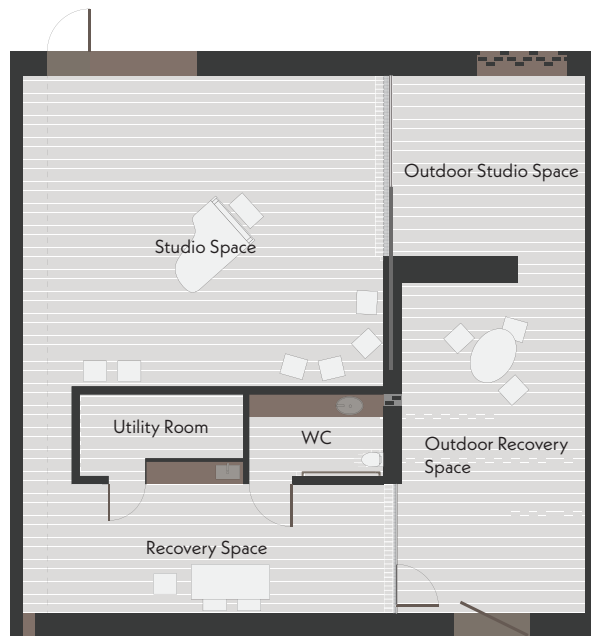
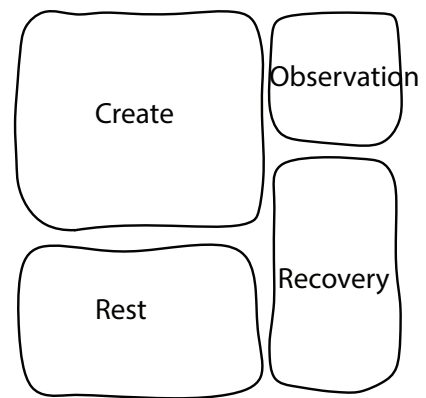


Experimental House Aalvar Alto

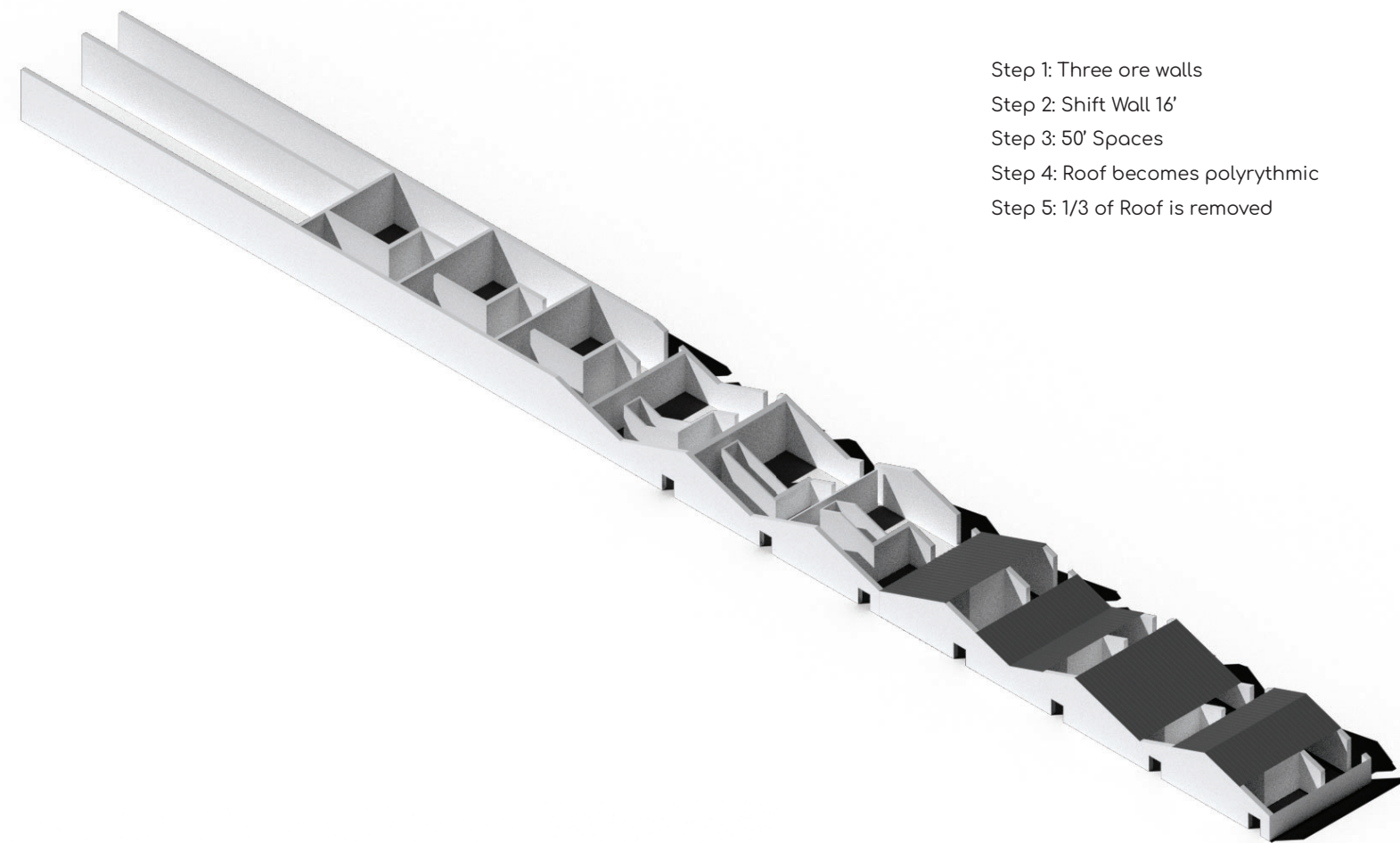
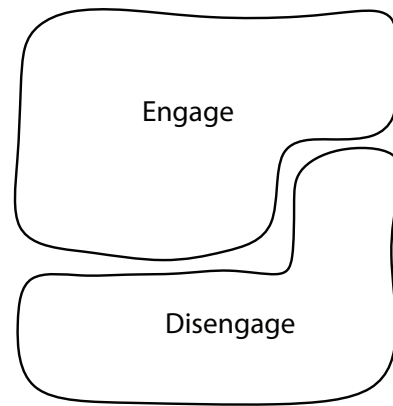


South Works





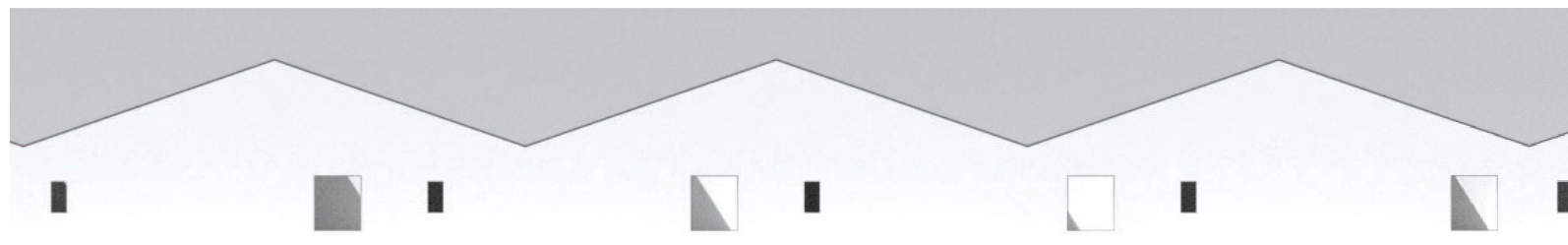
Plan



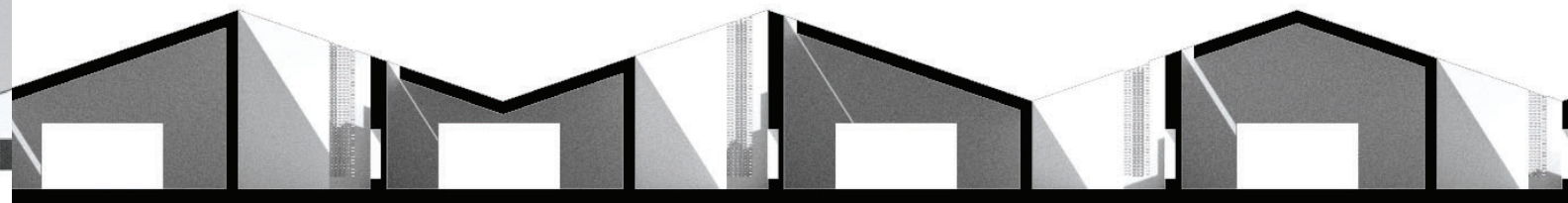
- Step 1: Three ore walls
- Step 2: Shift Wall 16'
- Step 3: 50' Spaces
- Step 4: Roof becomes polyrythmic
- Step 5: 1/3 of Roof is removed

Process Diagram

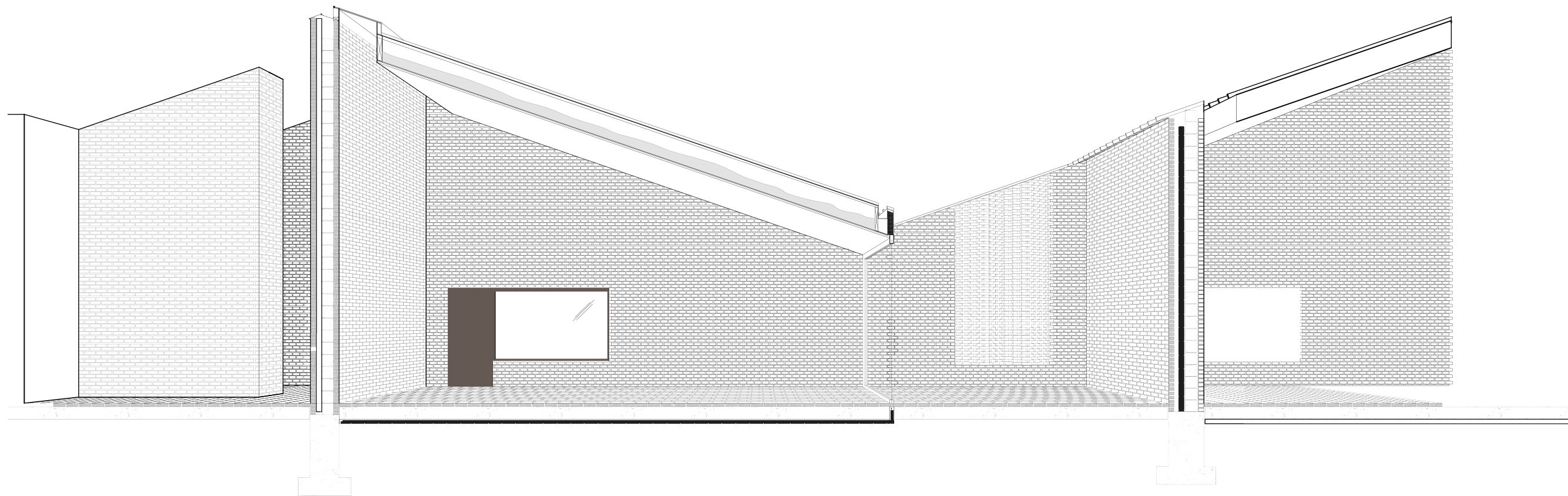




Elevation

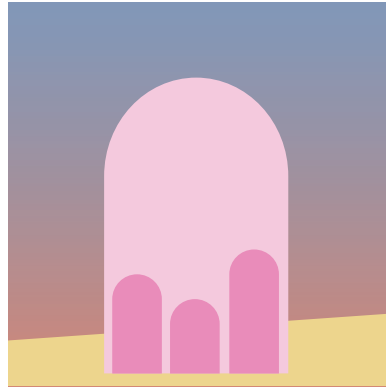


Section



Section Perspective



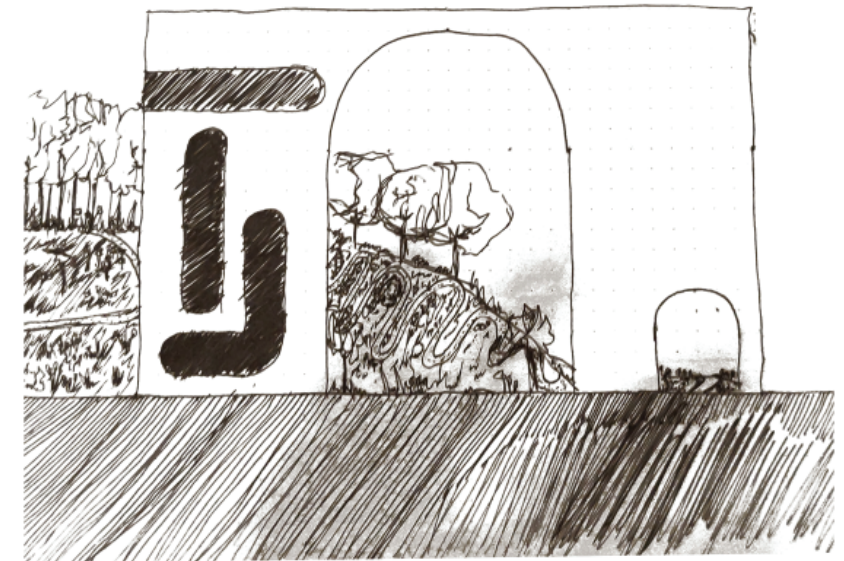
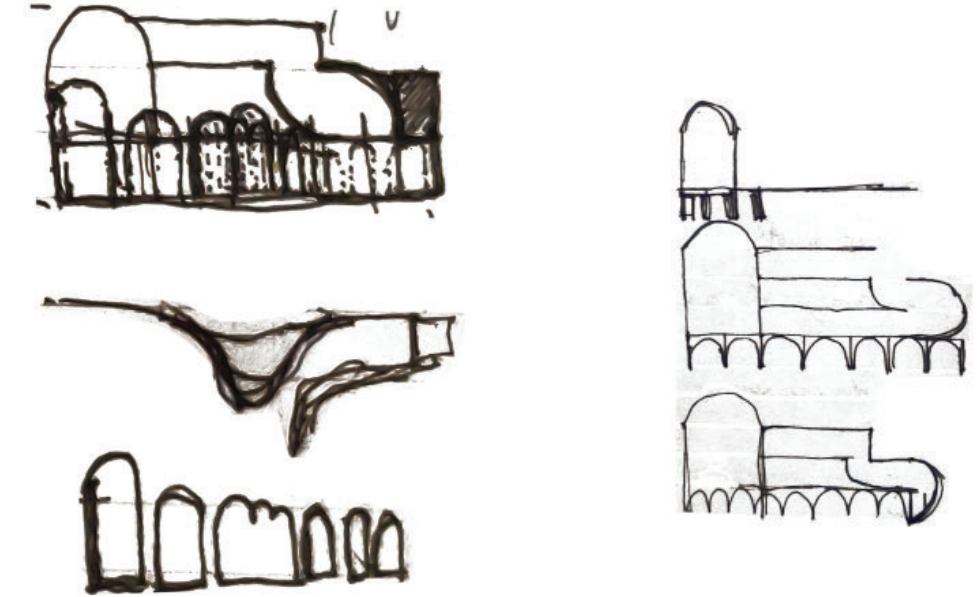


## PRAIRIE CENTER A COMMUNITY CENTER

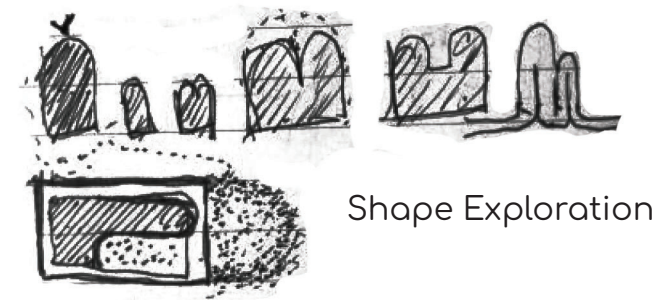
60% of Illinois used to be tall grass prairie, today we are down to around 1%. The goal of Prairie Center is to give back to Illinois and create a Community Center that focuses on educating people on prairies and the different types. Part prairie preservation part prairie education. It is located in LaSalle Illinois along the I&M Canal.

The conception of Prairie Center starts by extending the grid of the town south into an open field. When the line of the grid passes the threshold of the canal it loses its rigidity and becomes fluid and chaotic. It never spirals out of control instead it curls back into itself and twists to create bendy bits. These bendy bits or arches then multiply and burst into growth vertically and horizontally until it overgrows the open field.

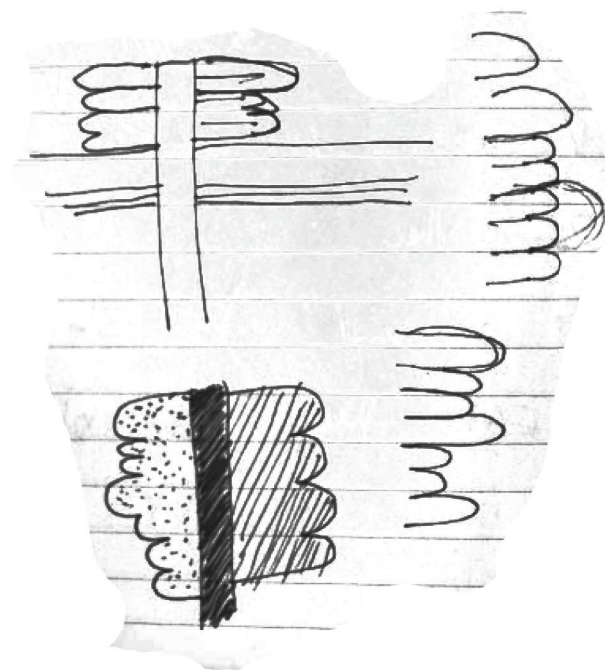
An experiment in using a shape to solve every problem.



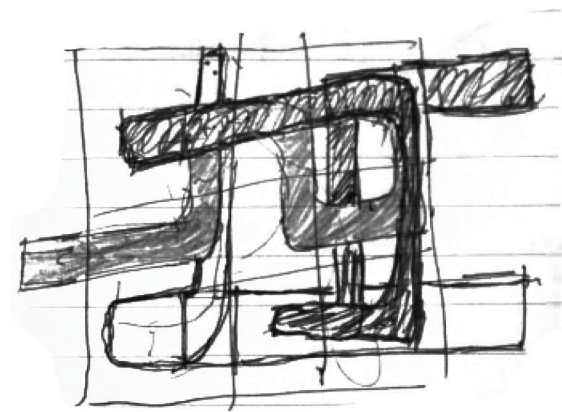




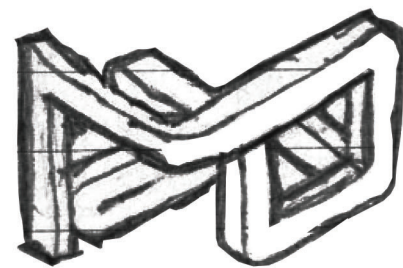
Shape Exploration



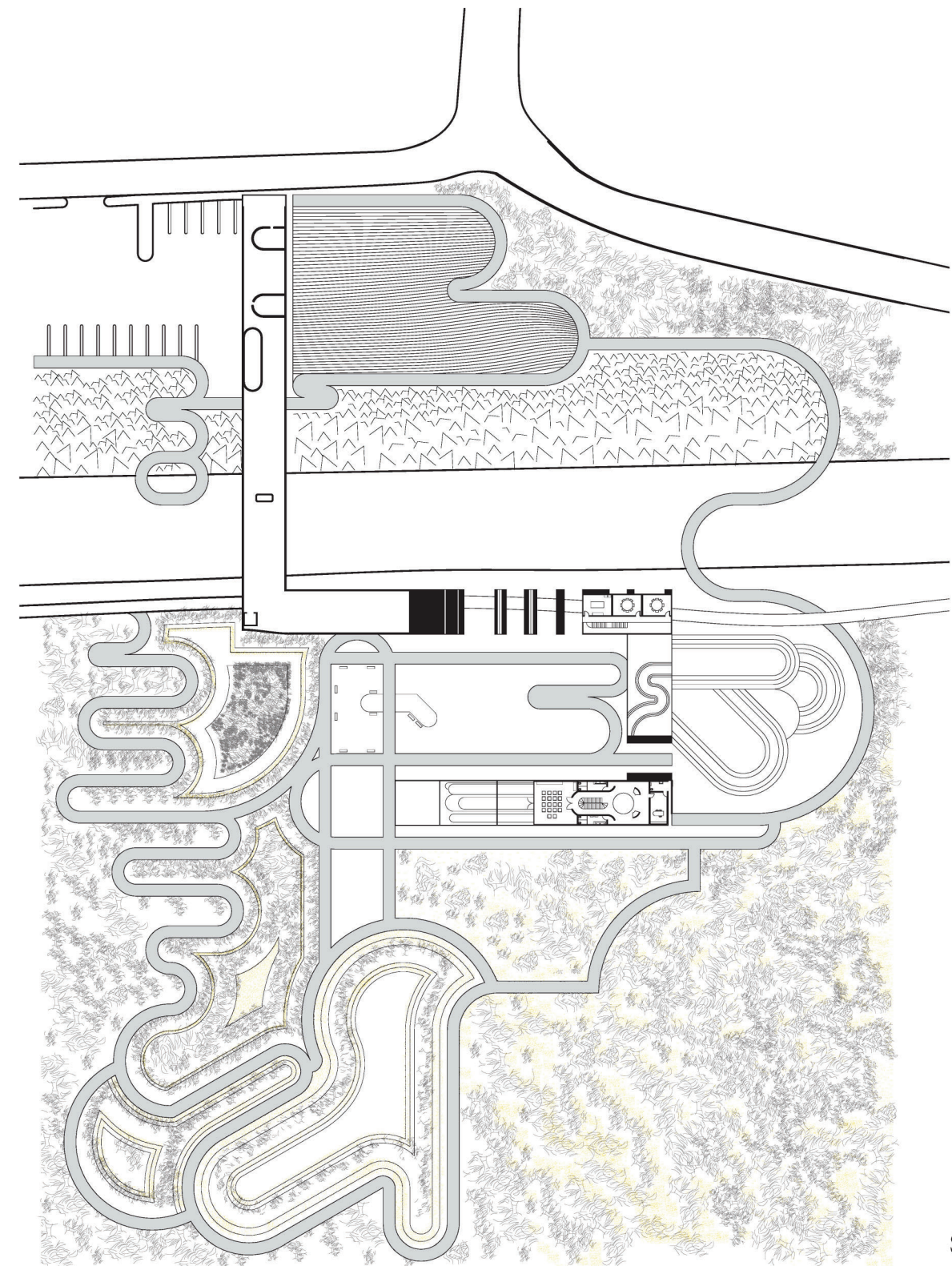
Texture Exploration



Plan Exploration

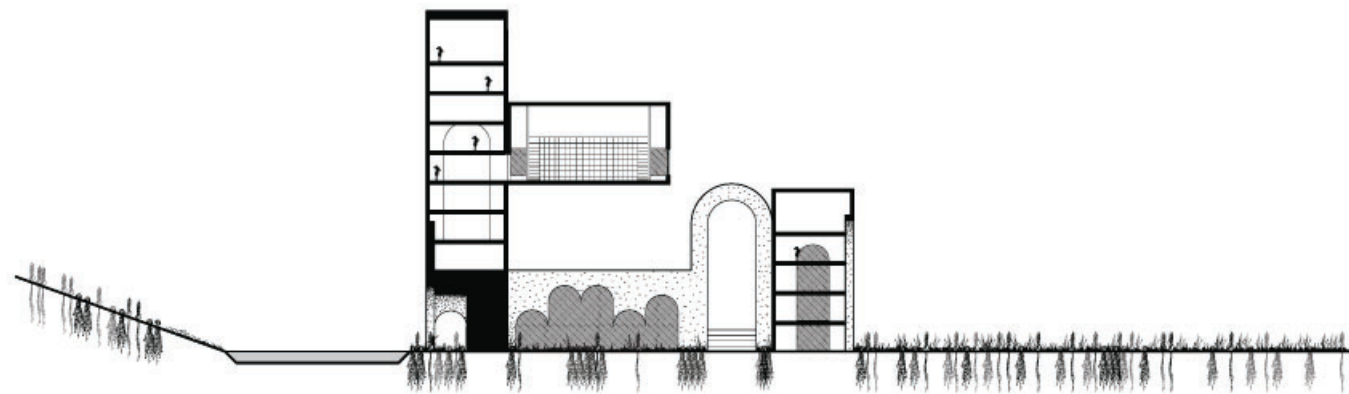


Form Exploration

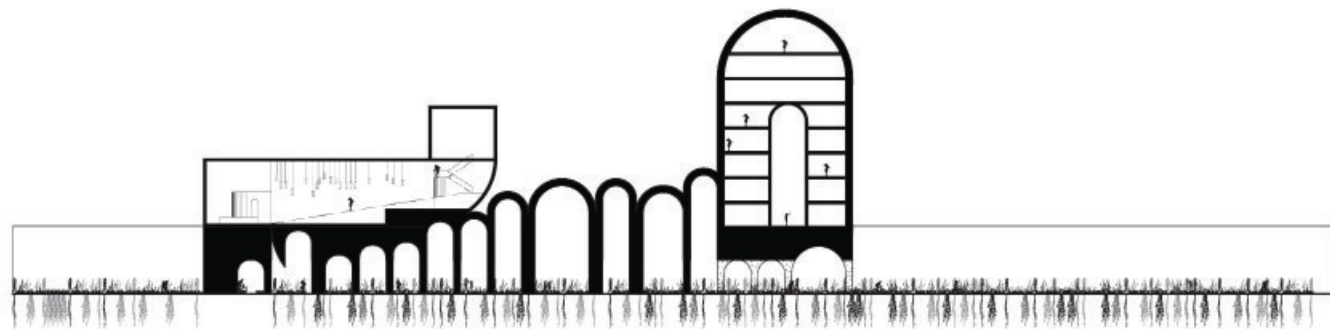


Site Plan

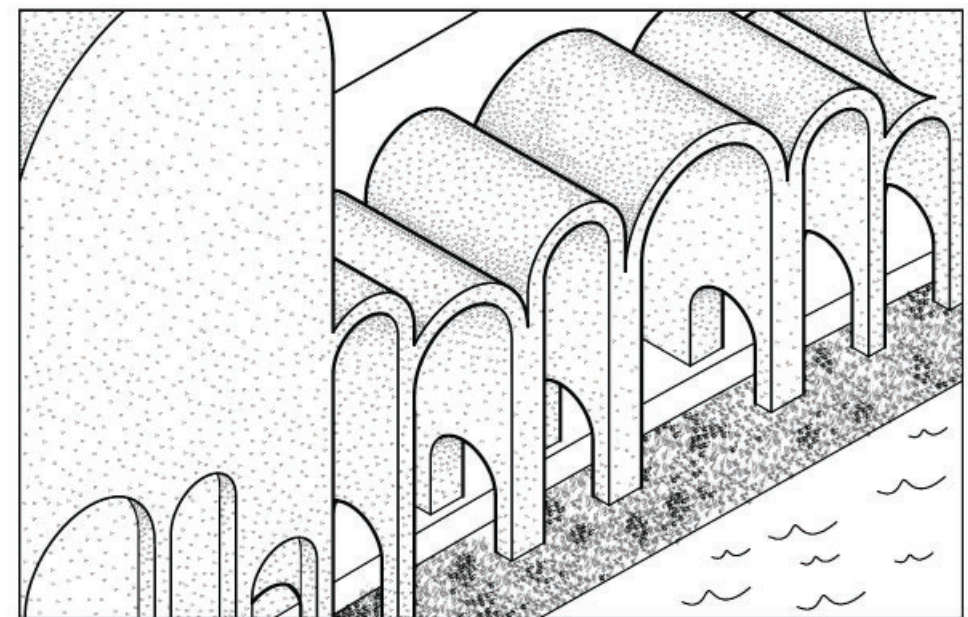
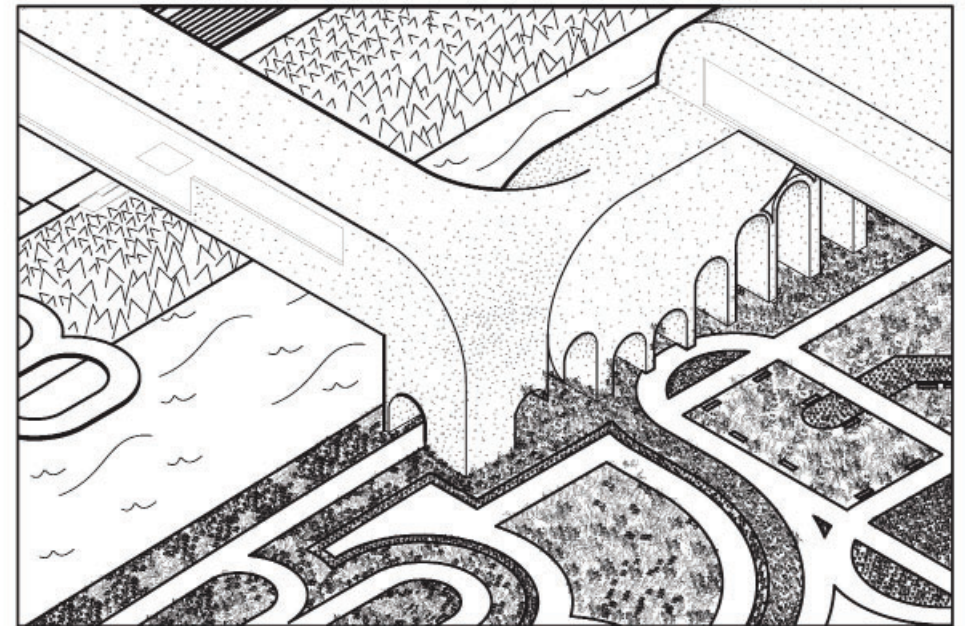




Section



Section

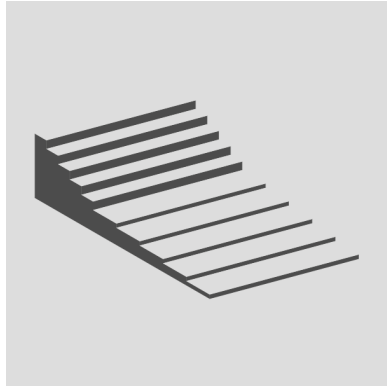


Isometric Zooms





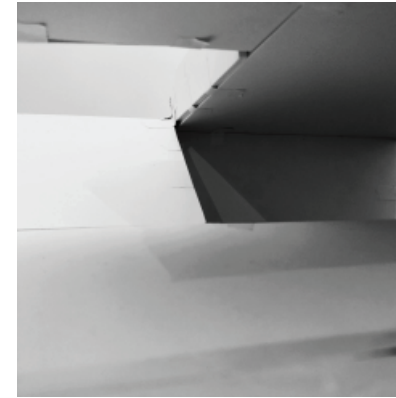


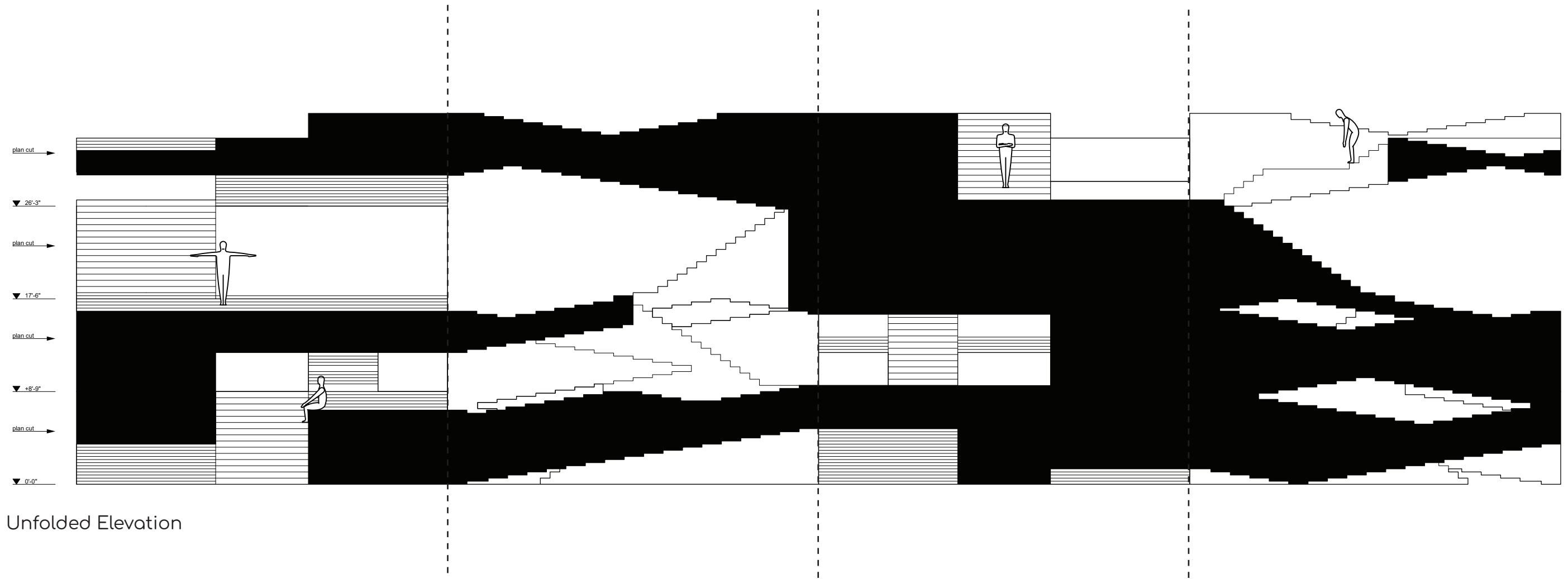


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## VERTICAL THINGS

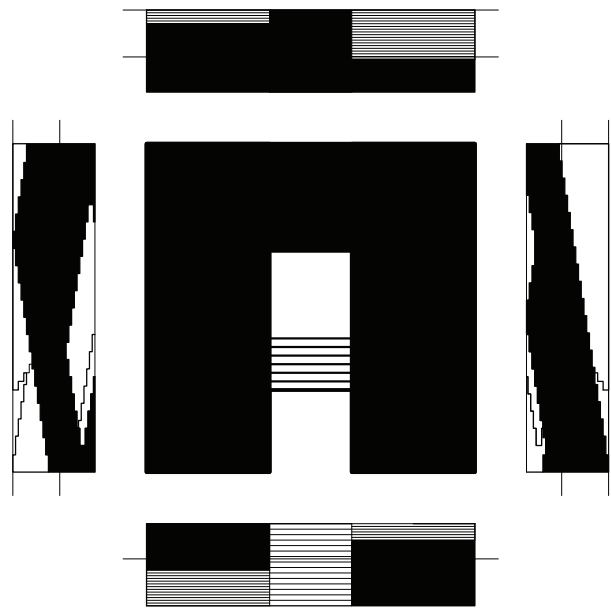
Vertical Things is a project that explores the use of scale to create interesting spaces and fluctuating the pace of which the space is interacted with. The floor ceiling are carved away with stairs to create cavernous spaces. The stair changes from standard 7x11 to 3.5x22 causing the occupant of the space to slow down in the space. It is an abstract experiment to learn about the different uses of stairs.



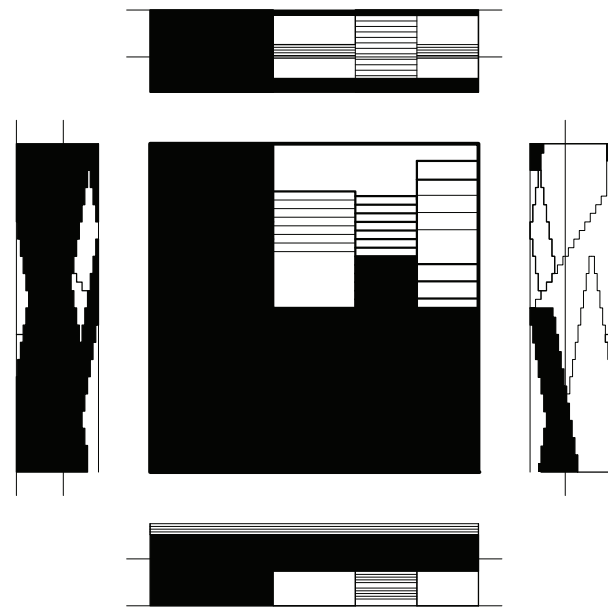


Unfolded Elevation

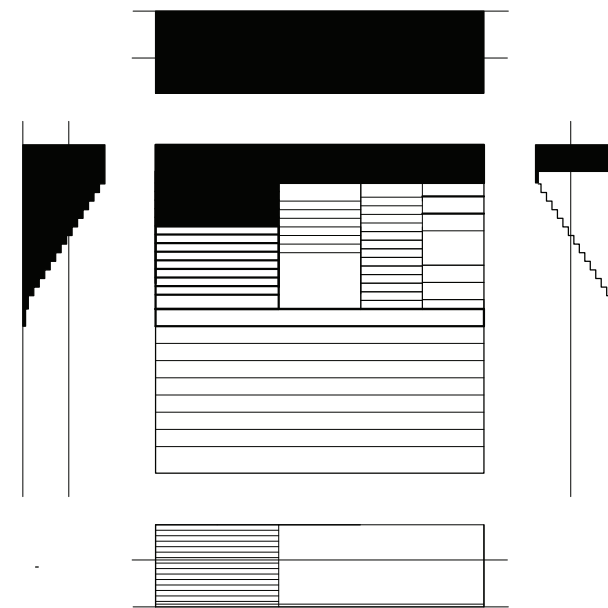




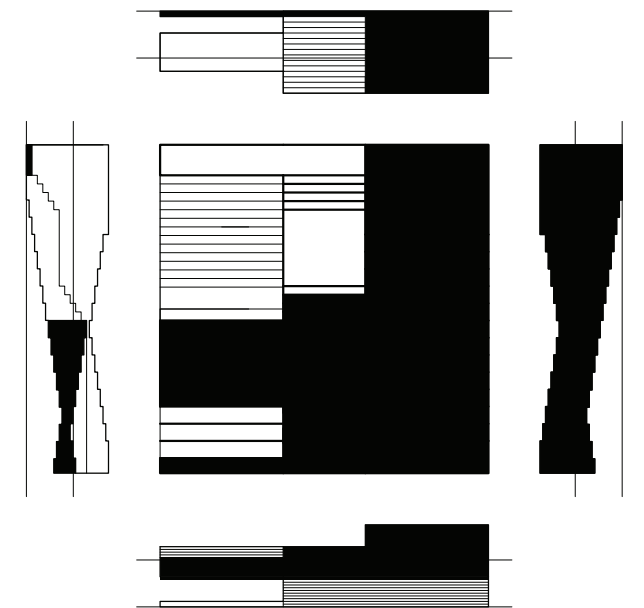
Plan 1



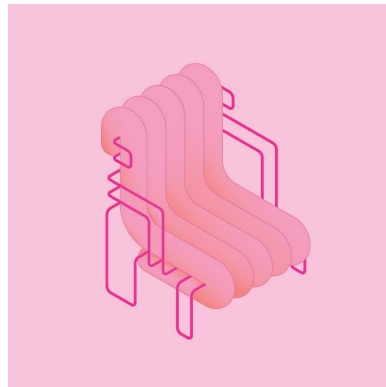
Plan 2



Plan 3



Plan 4

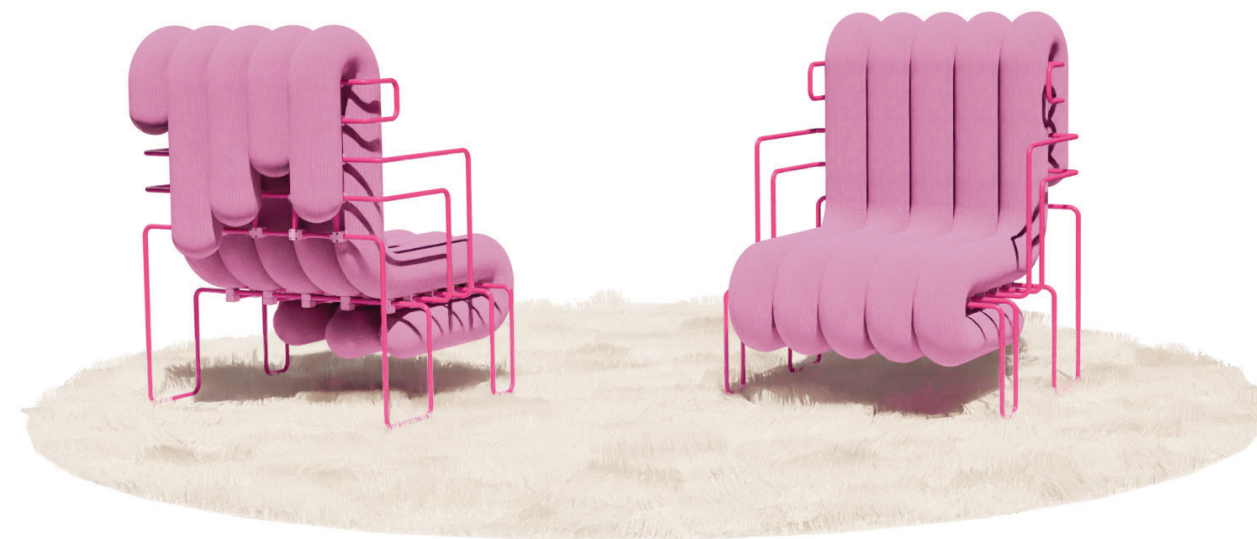


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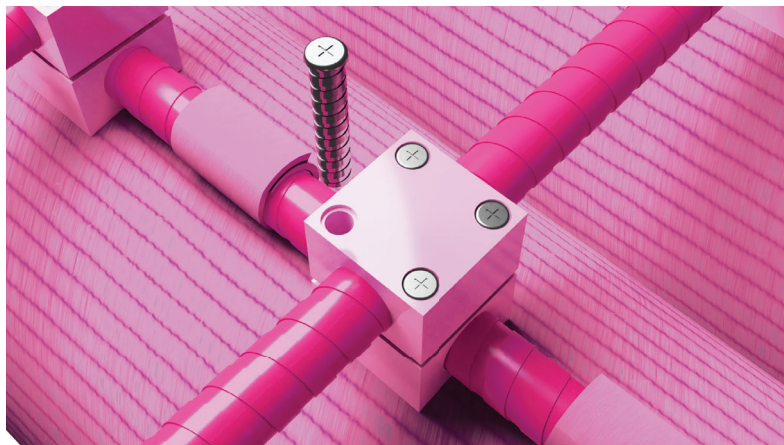
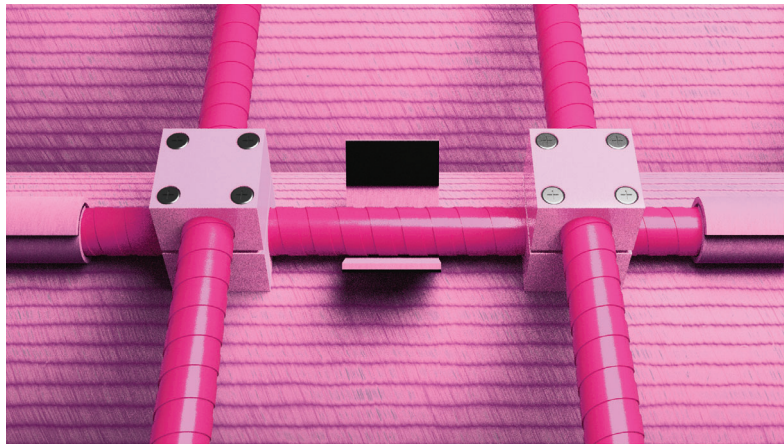
## PINKBAR CHAIR

Our chair represents the things we love to see and experience in architecture and presents a model for what architecture can be. It is warm and comforting, embracing the user in its plushiness. It does not take itself too seriously and has a playfulness in its geometry, color palette, and in the way that it references architecture. Our chair embraces the vibrant, unique material quality of pinkbar- a type of fiberglass rebar. Using pinkbar incorporates a ubiquitous architectural system into the chair's frame, taking advantage of a relatively new type of rebar that is light and easily movable.

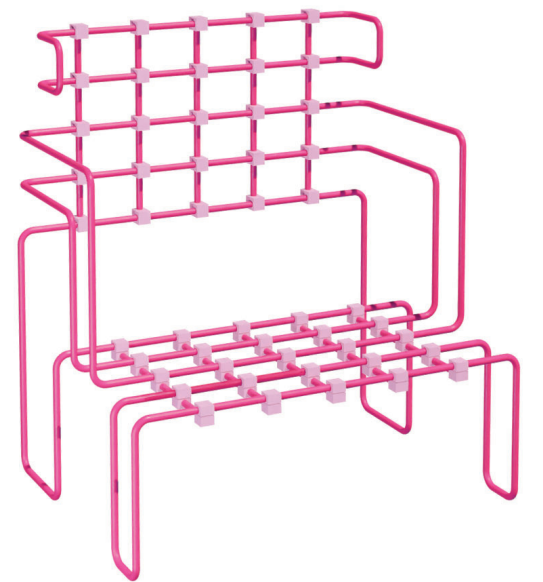
Concrete is replaced by a plushy cushion that wraps itself around the chair.





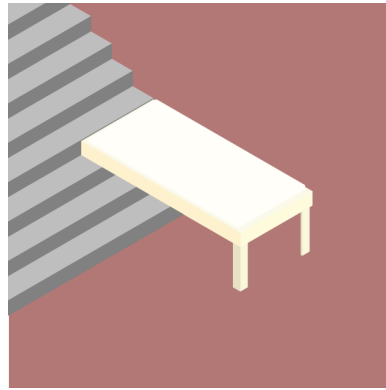


Details



Axonometric





6

## STAIRBED

StairBed is a wooden bed that activates when placed onto a stair. When we sleep we are at our most vulnerable. StairBed's purpose is to challenge us to be more vulnerable in public and attempts to peel back our public facade and to make the viewer uncomfortable with this vulnerability. It is imposing yet delicate. It also lives in many places, It can be in the point of most circulation to disrupt the most people, or it can be in a narrow staircase to disrupt all circulation. The design comes from a DIY urban seating pinterest post that slots a seat into stair and is then merged with Mark Reigelman's Stair Squares and applied to a typical bed. StairBed provokes thoughts on homelessness, insecurity, safety, vulnerability, comfort, public appearance, and observation. It is the size of a twin bed and rests on the third step of the average staircase.

