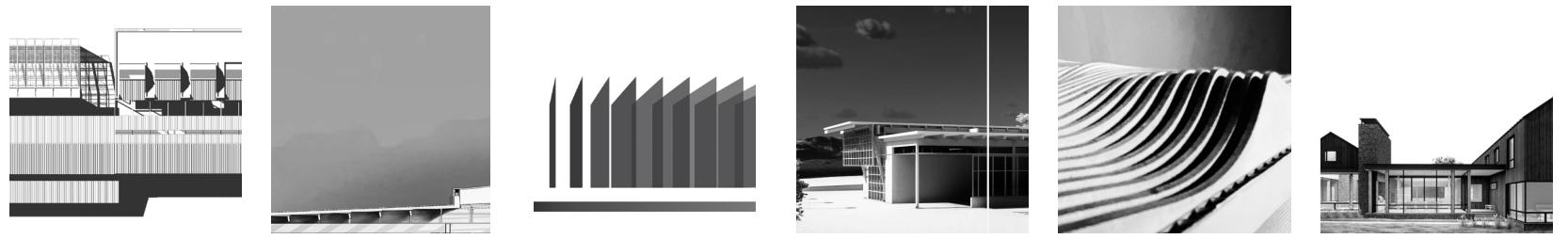


RYAN O'CONNELL

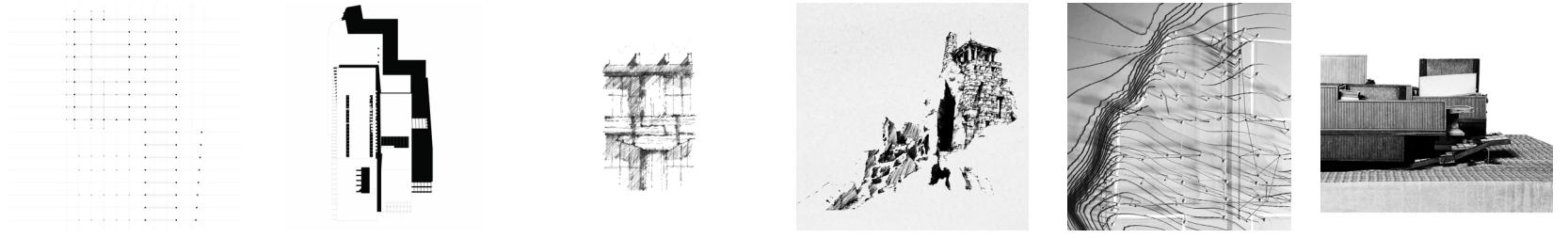
M.ARCH

SELECTED WORKS



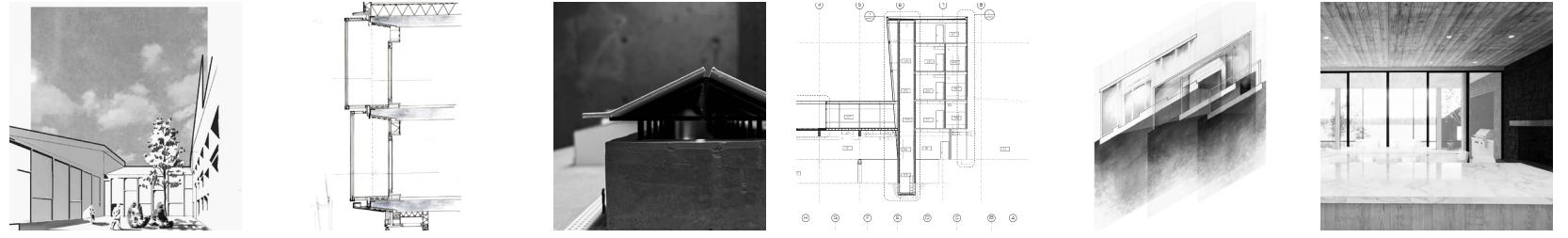
EDUCATION

- Montana State University
- Rocky Mountain College of Art & Design (RMCAD)



PROFESSIONAL

- Pearson Design Group
- Residential
- 2023 - Present
- Cushing Terrell
- Commercial
- Internship 2022-2023



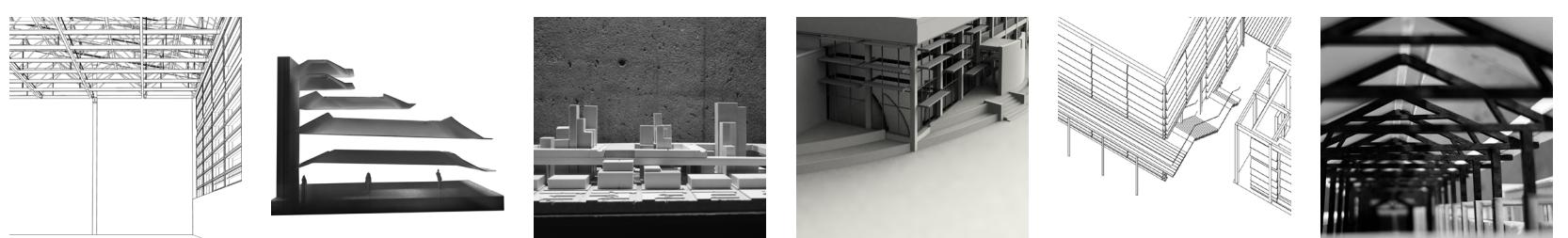
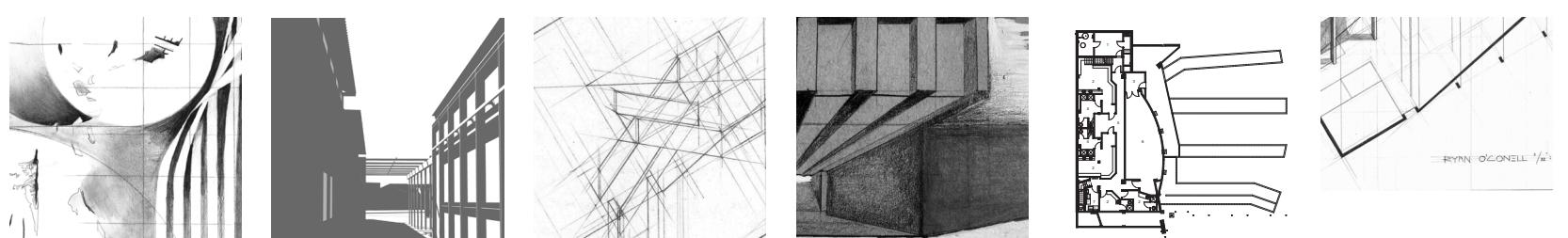
SKILLS

- Construction
- Concept Design
- Design Development
- Woodworking
- 3D Printing
- Laser Cutting
- Rendering



SOFTWARE

- Photoshop
- Illustrator
- InDesign
- Rhino
- Sketchup
- Revit
- Lumion
- Enscape



YEAR: 2023

LOCATION: Aranjuez, Spain | TYPE: Urban Farming



ADAPTIVE REUSE

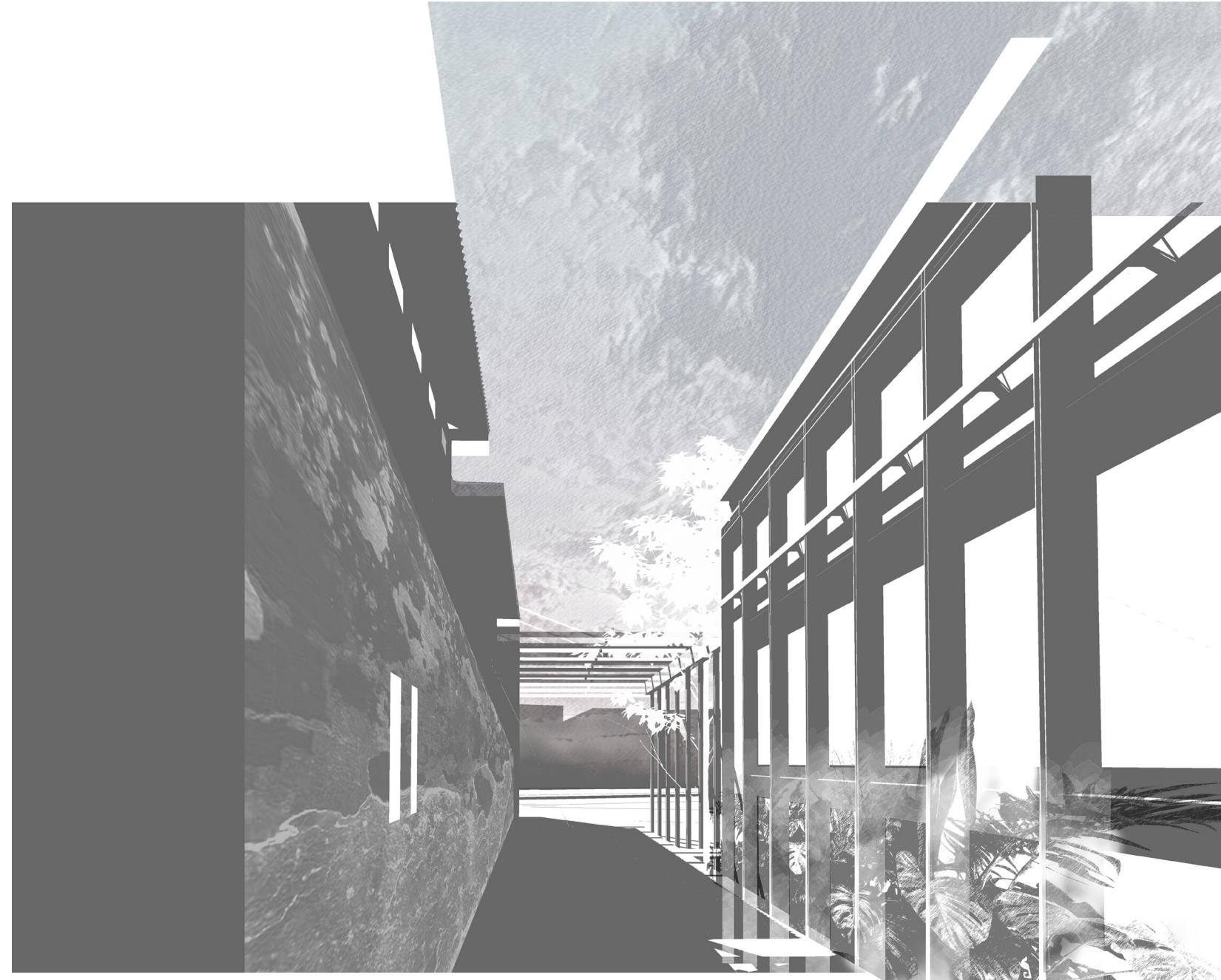
THE HOLDING COMMUNITY CENTER

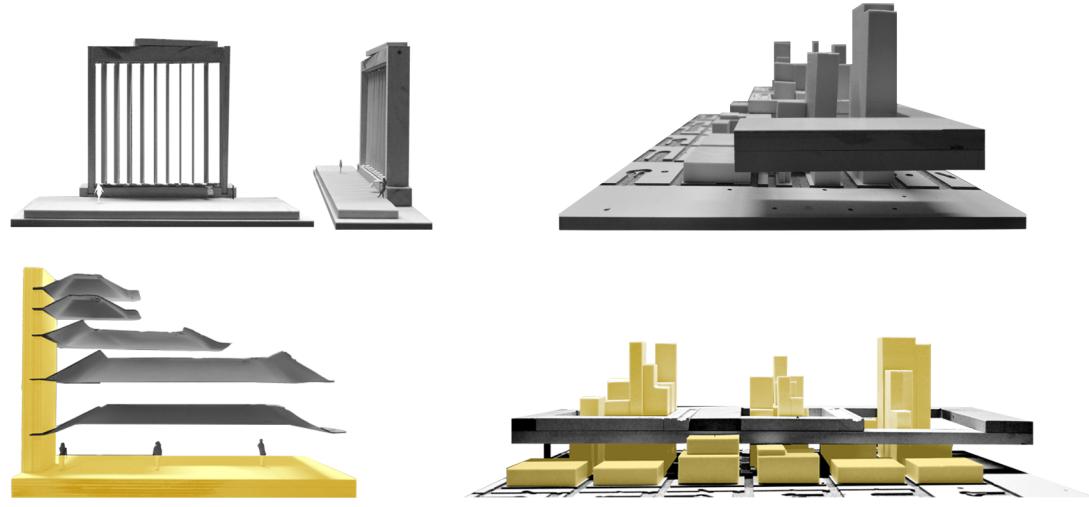
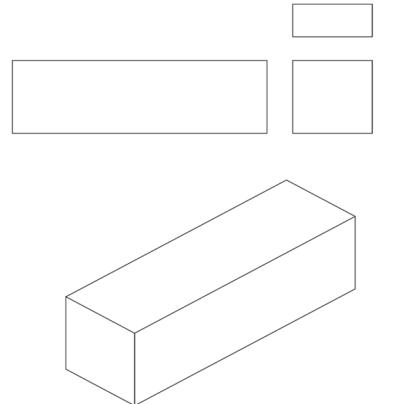
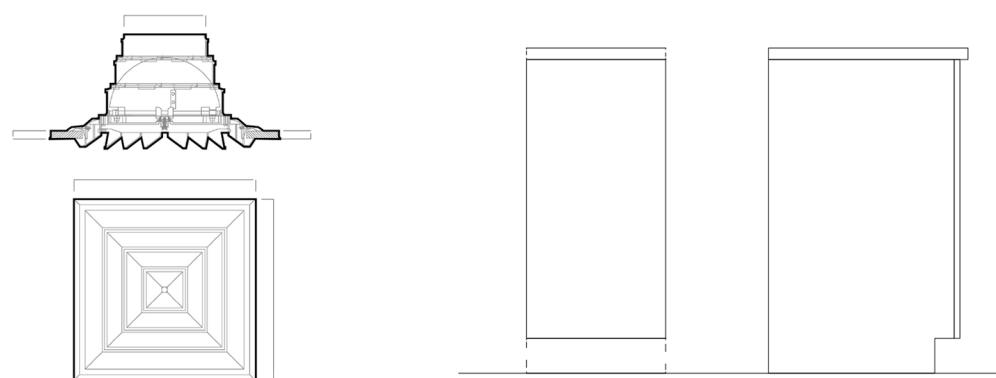
PROJECT BRIEF The course will explore the adaptive reuse of an existing building in Spain as a representative site for architectural thinking/making/designing aligned to the contemporary challenges of the discipline.

The project will develop proposals to adapt an existing, underutilized, mid-scale building into a space that supports culturally relevant programming. In the studio, readymades will be instrumentalized to develop a methodology of intervention that allows students to approach the existing. In architectural proposals, new interventions and layers of the existing will hold equal weight.

PROGRAM

3,500 SQ FT	Market - Indoor/Outdoor
3,500 SQ FT	Horticulture - Greenhouse/Garden
3,000 SQ FT	Unprogrammed "Event" Space
1,000 SQ FT	Community Kitchen(s)
400 SQ FT	Admin offices
350 SQ FT	Storage
350 SQ FT	Unisex Restrooms
12,100 SQ FT	TOTAL SQFT





CEILING AIR DIFFUSIOR UNIT

Opperative verb intervention - wrapping and holding a common building material.

CABINET DOOR FRAME

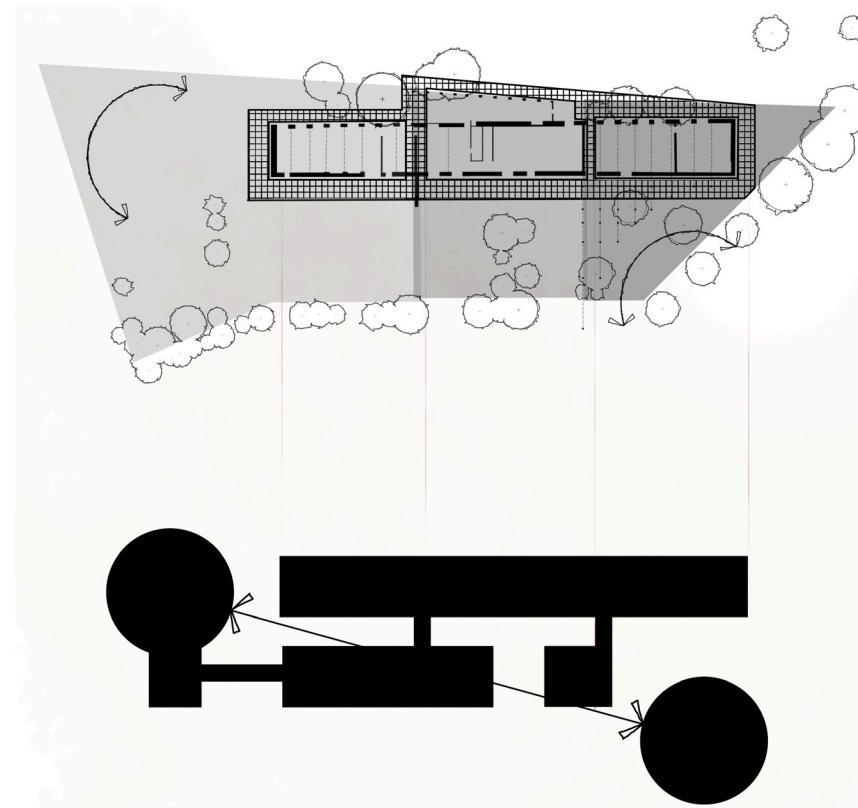
An expansion of Modernist theories of urban infill - and how we treat urban design / city planning in metropolitan areas.

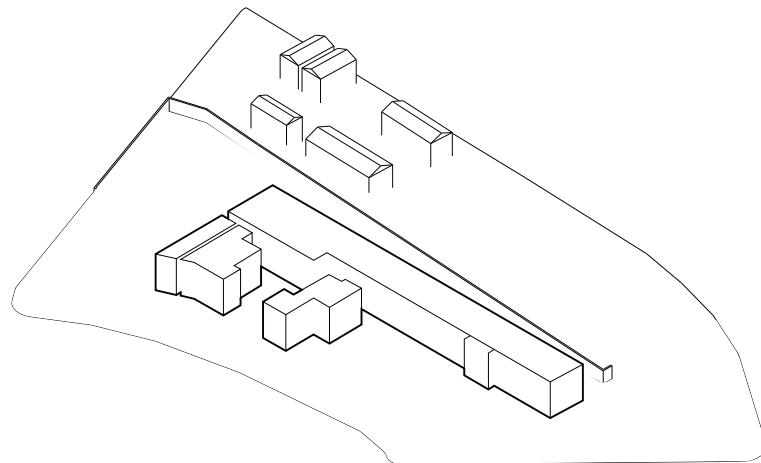
BRICK

Opperative verb intervention - wrapping and holding a common building material.

READYMADE the practice of manipulating found objects - typically manufactured - to reformulate their meaning.

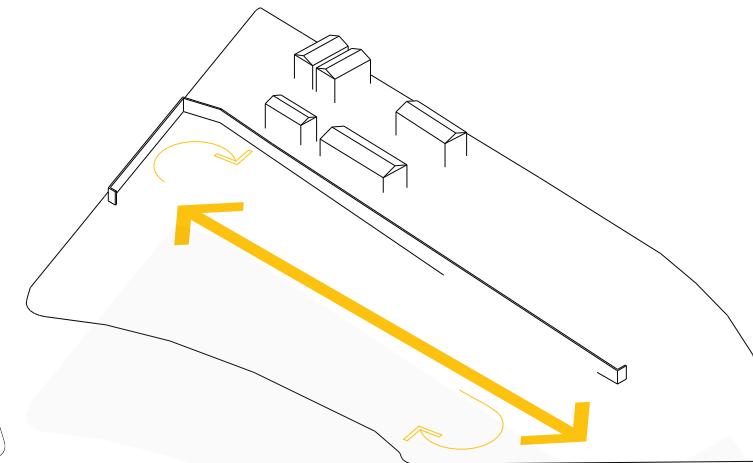
Readymades resist traditional values in art practice such as craft and authorship. The original function of the object is abstracted into pure form thus allowing new values to be ascribed by the artist and the viewer. In architecture, the notion of readymade might translate at the scale of a component to the tectonics of building materials, but it might also translate at the scale of buildings to existing structures.





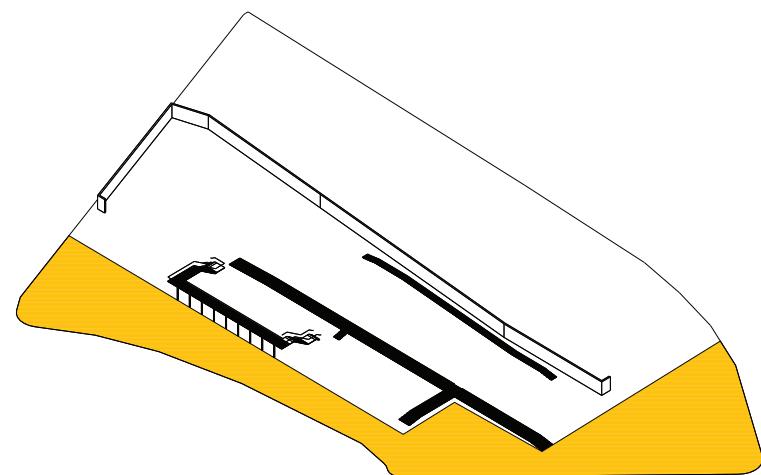
EXISTING CONDITIONS

A 300 year old Slaughterhouse. Traditional European corn moulding on the 3' thick stone exterior walls.



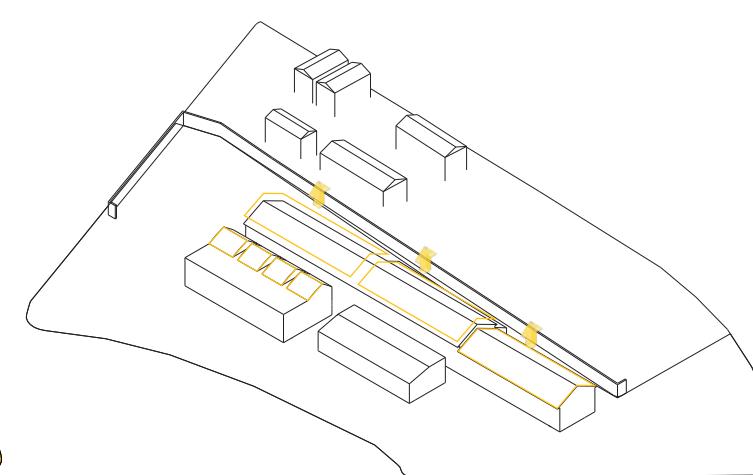
CONNECTION / PUBLIC ZONES

Opening buildings up to the public to blur the line between public and private areas.



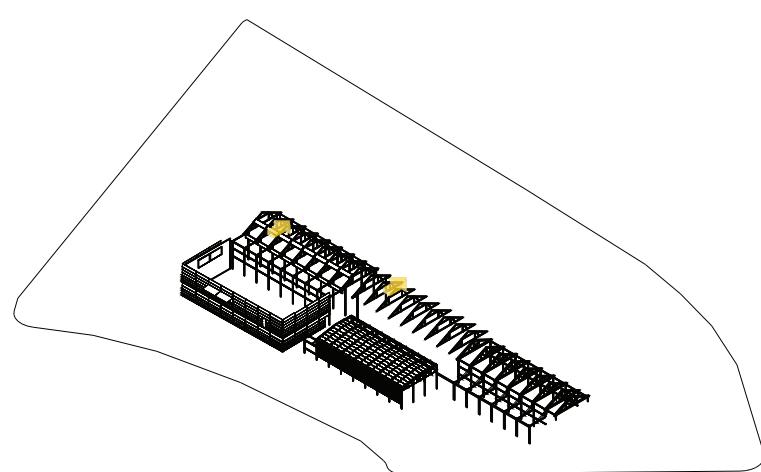
CIRCULATION

Exterior vertical, connection and separation from public street.



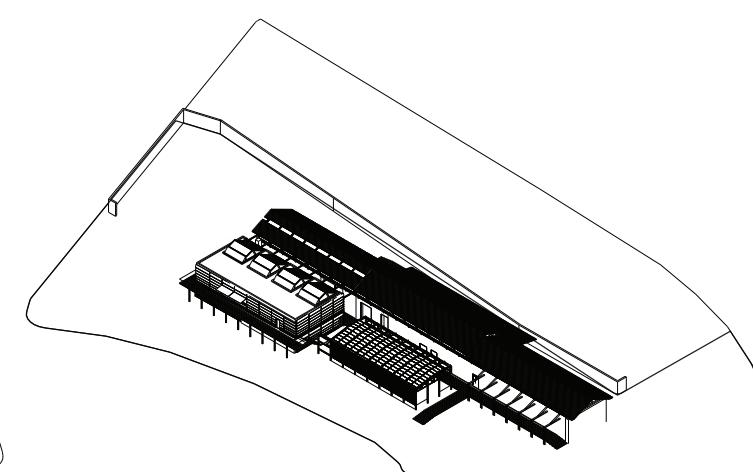
NATURAL LIGHT

Raising existing roof structure to allow for a clearstory band into the space.



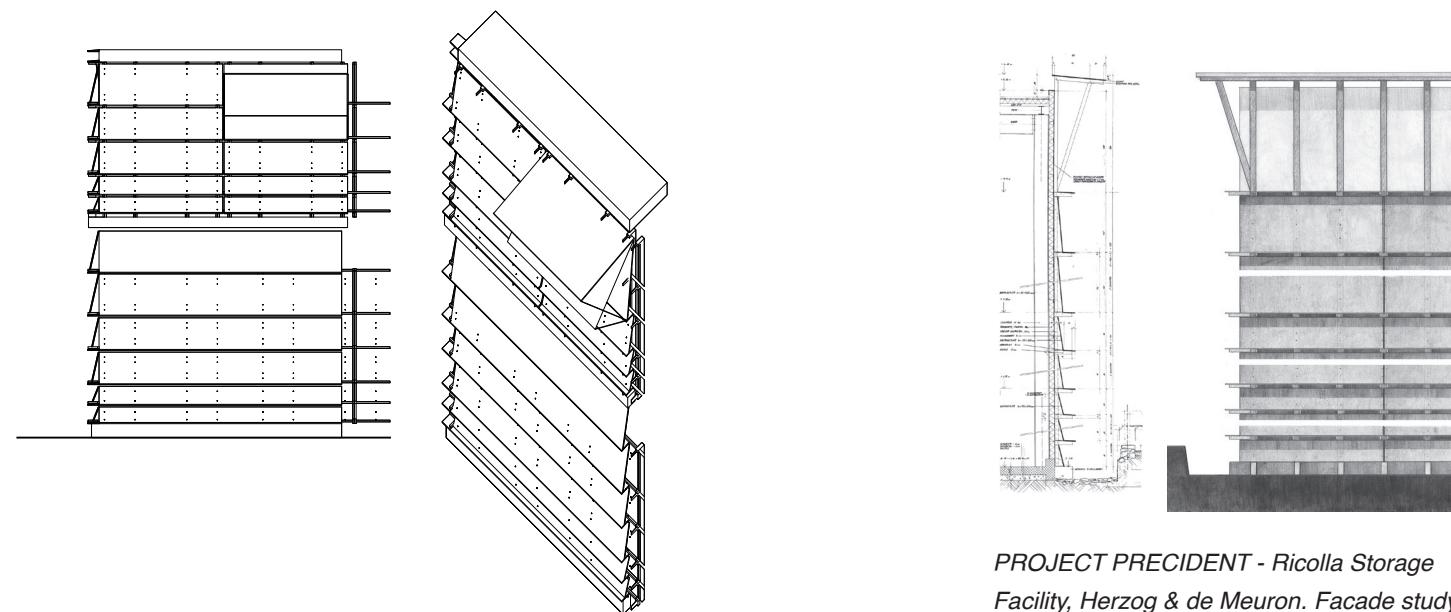
STRUCTURE

Additional steel structure to prop up raised existing roof structure.

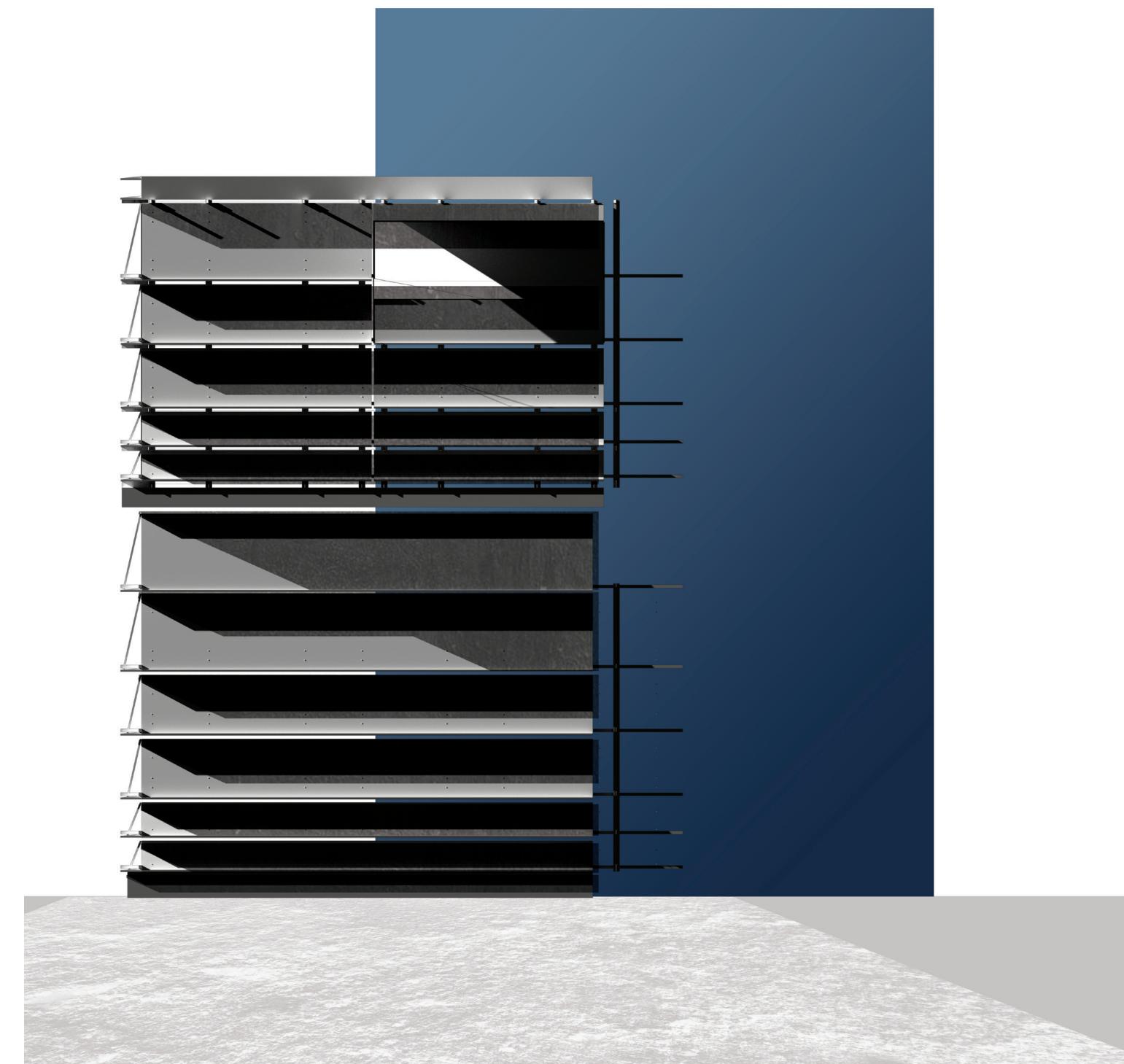


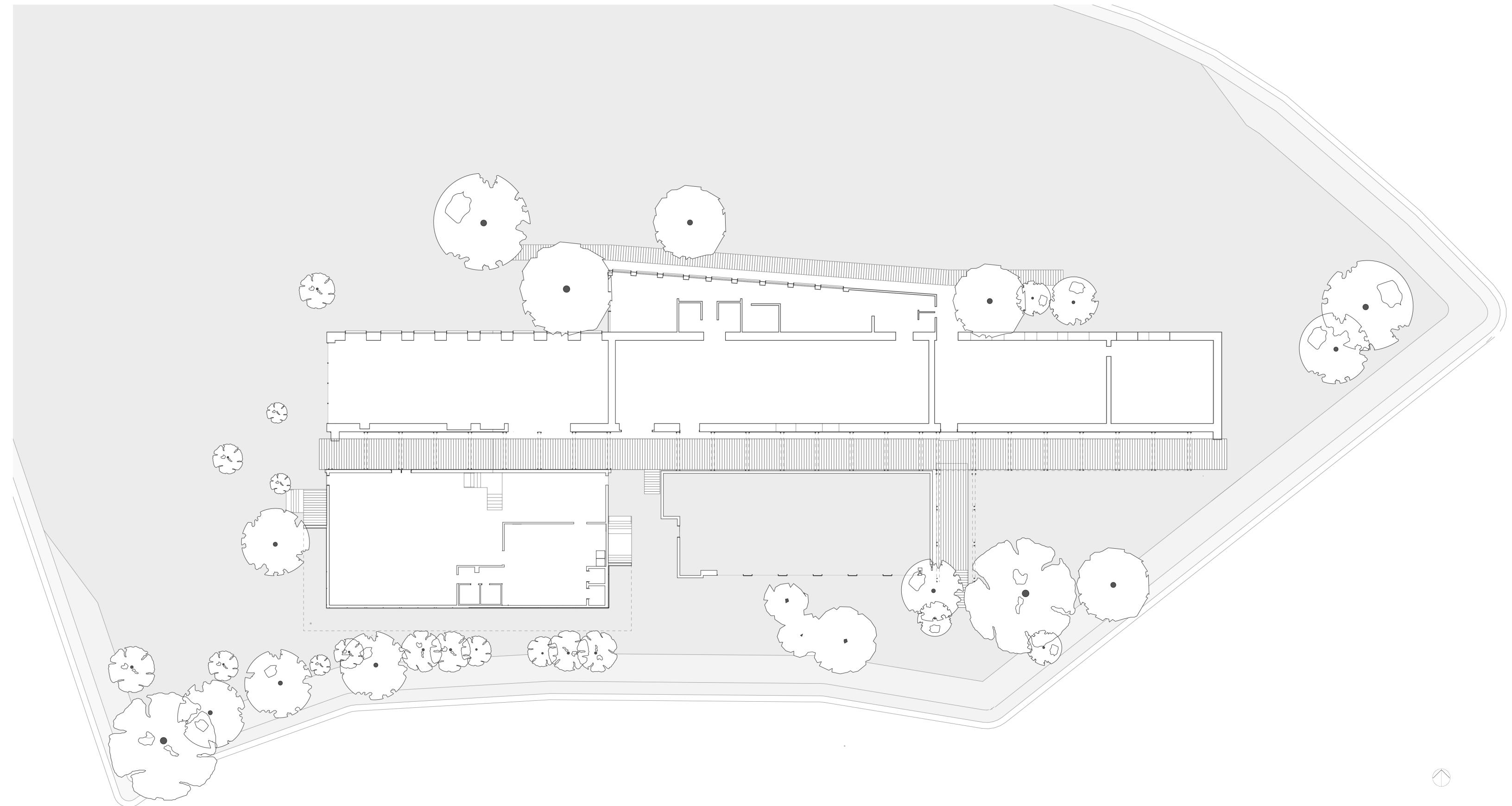
BUILDING INTEGRATION

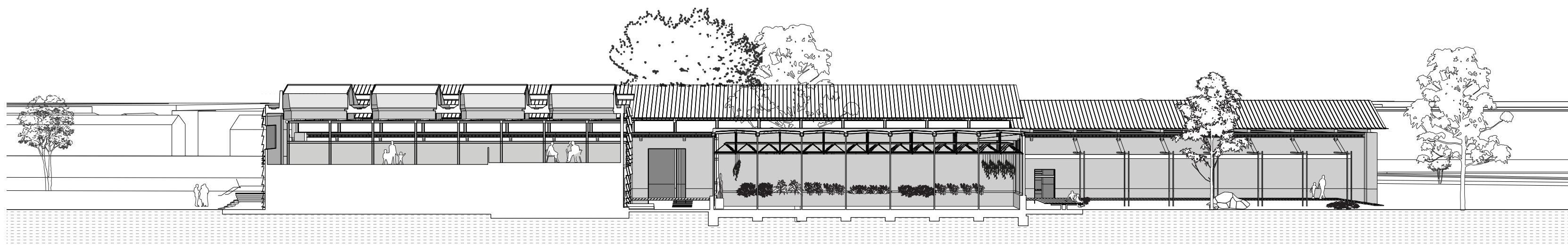
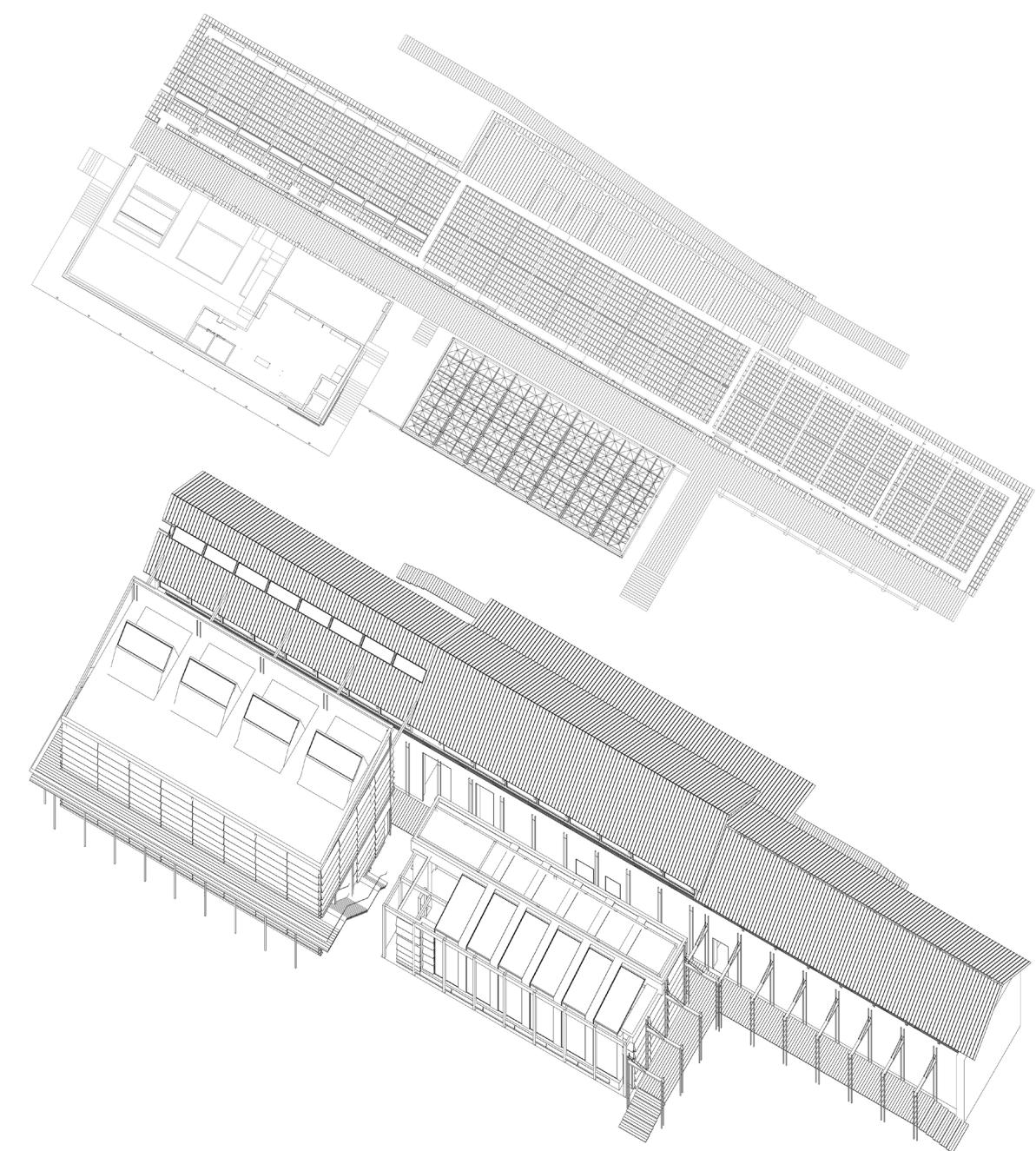
Completed building proposal. Separate buildings for separate functions of the community needs.

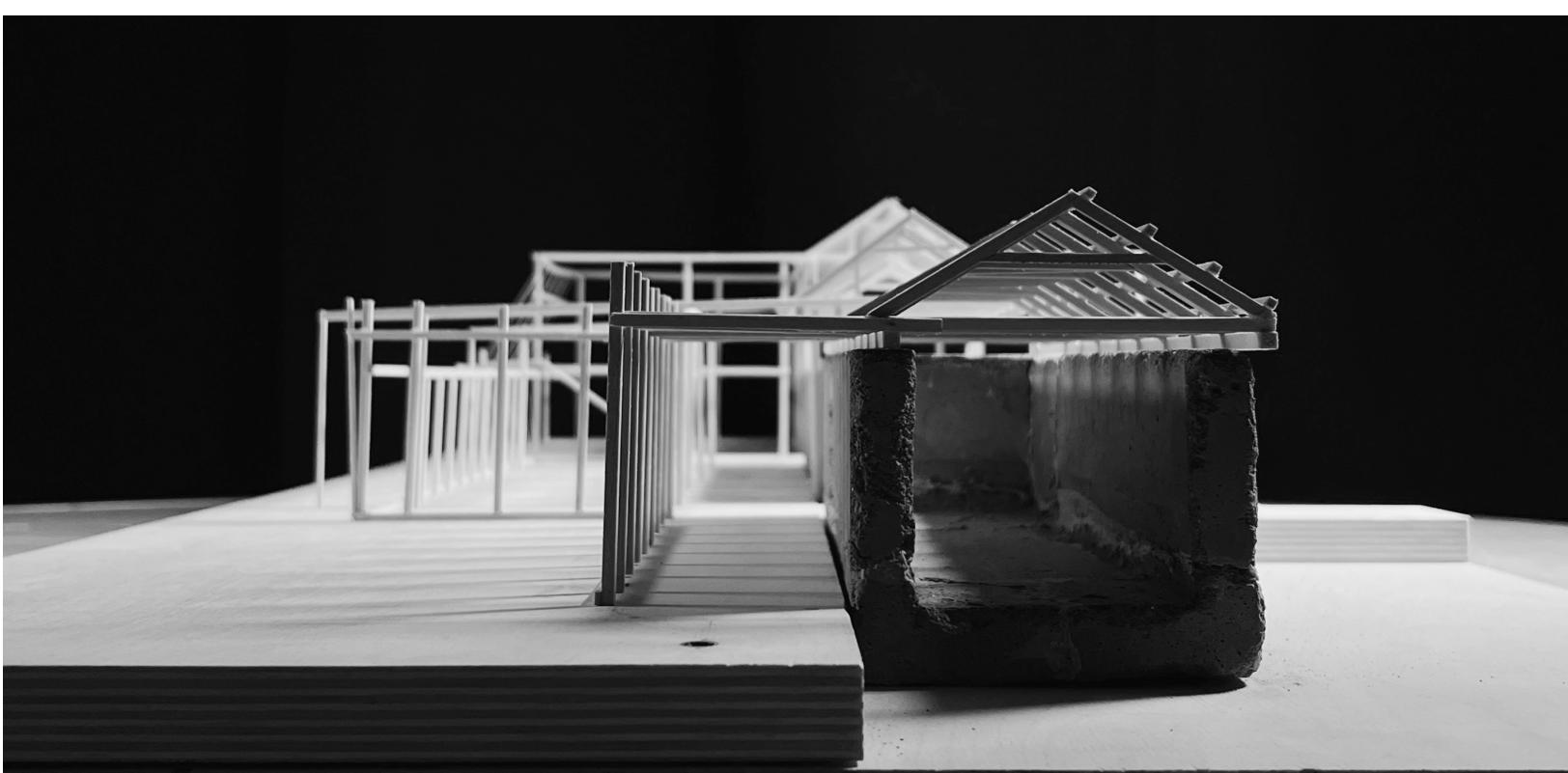
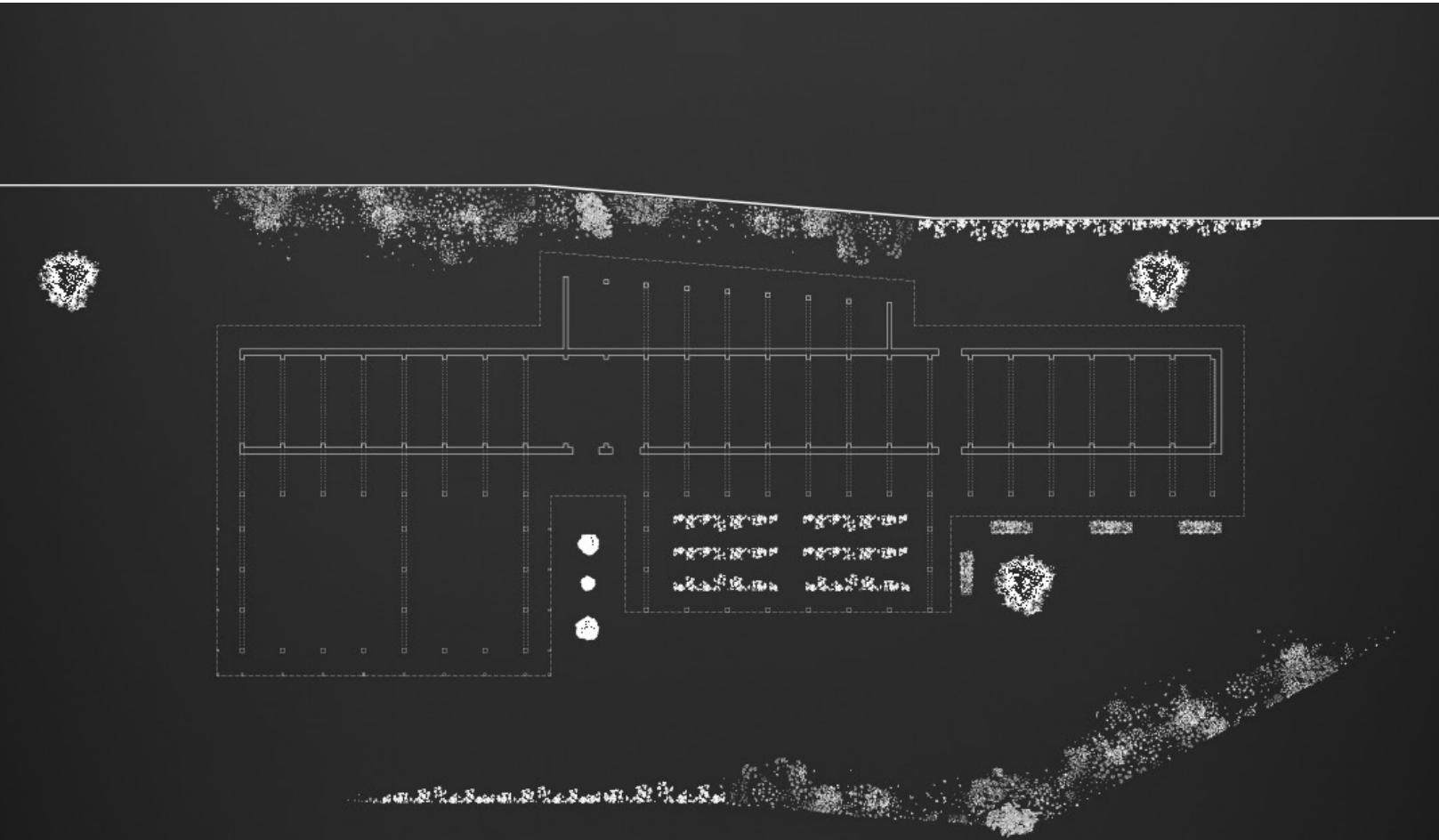
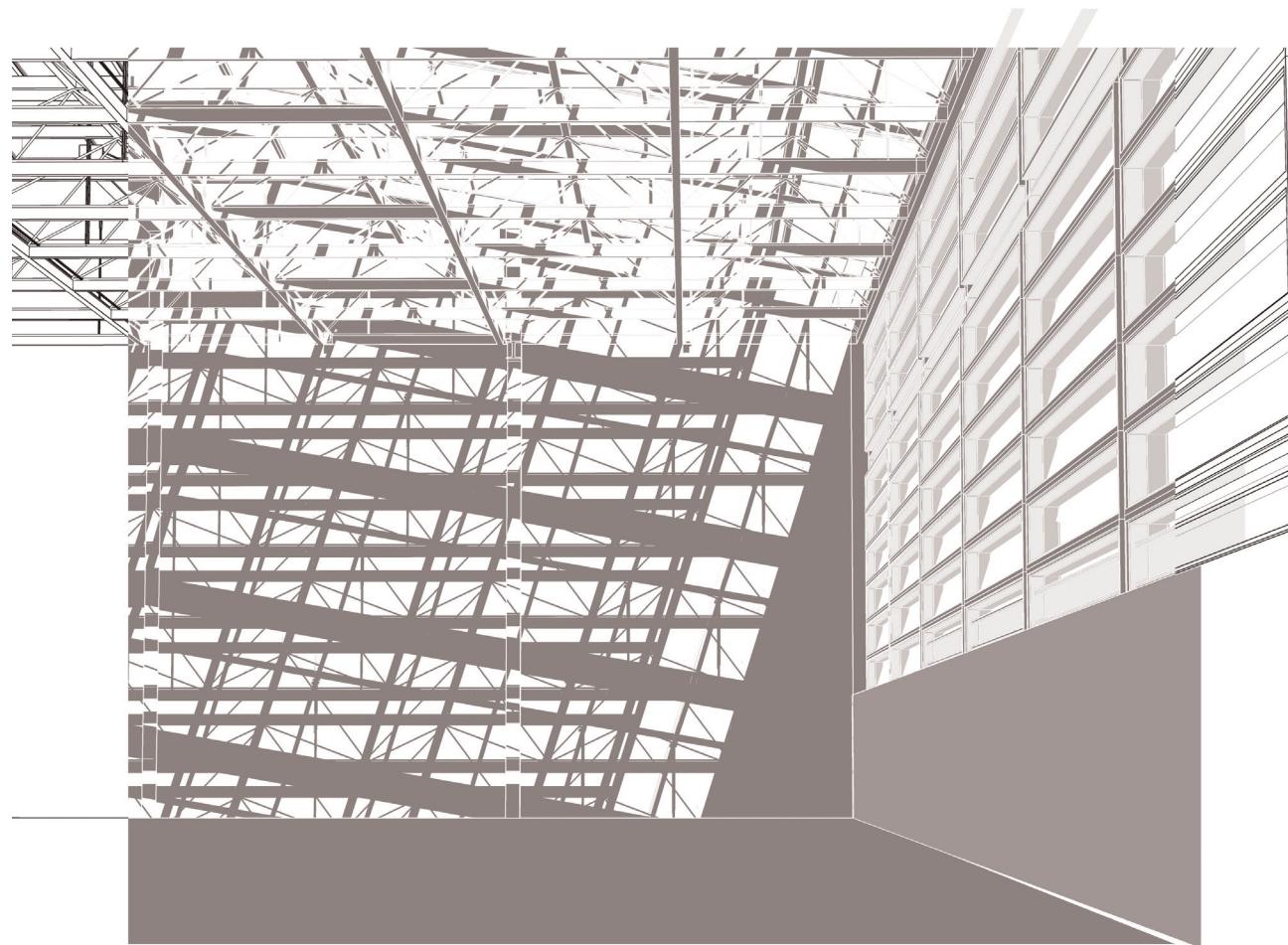


PROJECT PRECIDENT - Ricolla Storage Facility, Herzog & de Meuron. Facade study.

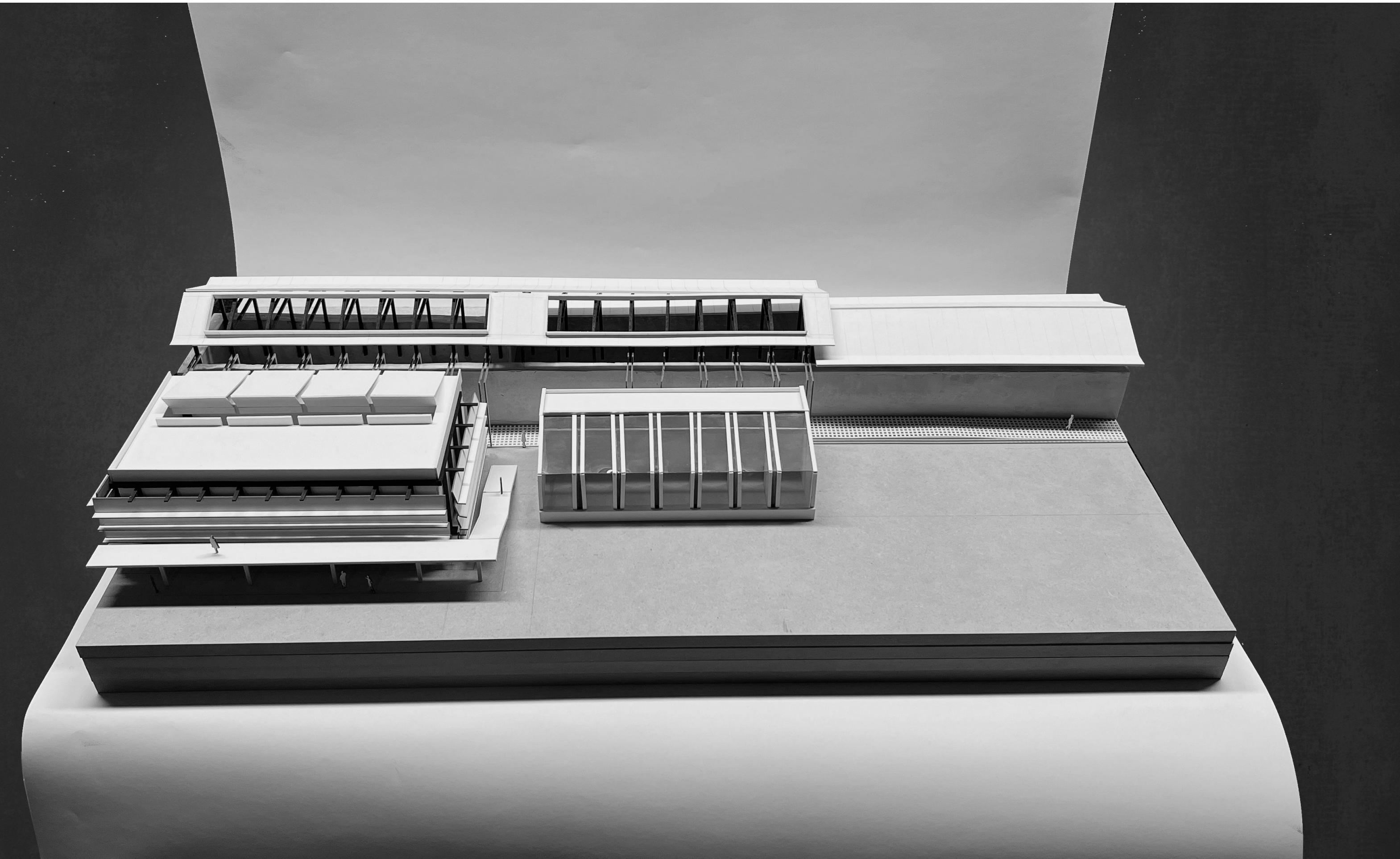












YEAR: 2021

LOCATION: San Francisco, CA

TYPE: Mixed-Use



“...research indicates that a key thing missing from urban environments is a link to the natural world...”

TETHERED SIMBYOSIS

RESIDENTIAL & COMMERCIAL FORGIE INVESTMENT PROPERTY

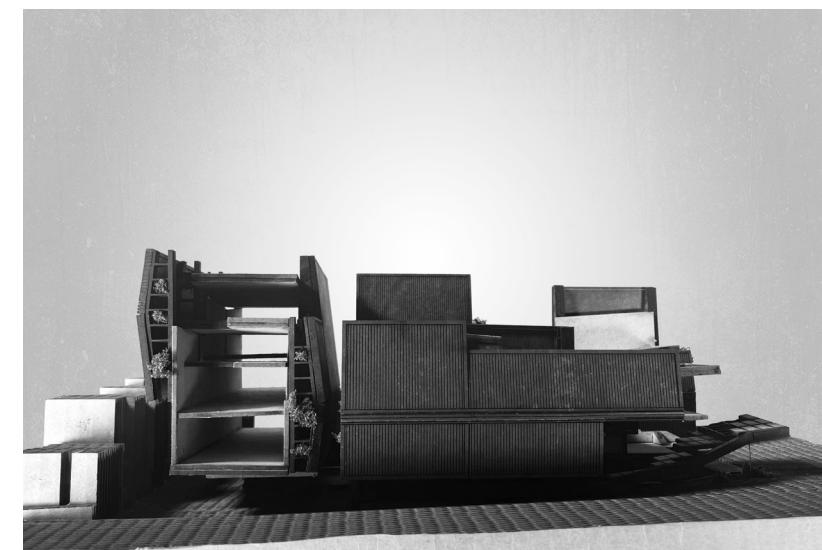
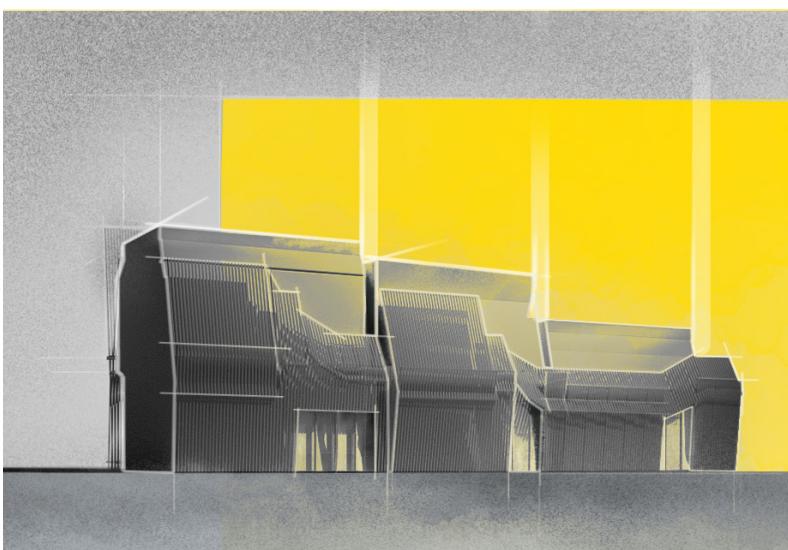
PROJECT BRIEF Young educated people are increasingly moving to major cities. Progressive companies are following their lead, relocating to urban areas, in order to hire talented employees. To attract and retain the best, companies are reimagining the work and its context. A major push is to integrate aspects of nature. However, this rejuvenation is threatened by a rapid increase in costs of living—housing prices are at record highs. A significant phenomenon that is exasperating this surge in costs, is foreign capital real estate investment. Global Surplus Capital (foreign investment) is currently being used to construct office and residential towers in many US cities. The buildings are built with NO intention of being occupied, rather remain empty as “banked” capital. The lack of human activity creates a social void in the middle of an otherwise bustling urban environment. The studio will focus on imagining new architectural typologies that leverage vacant investment buildings as a resource to nurture sensitive plant and wildlife species—a missing aspect of the urban environment—improving nature and human health.

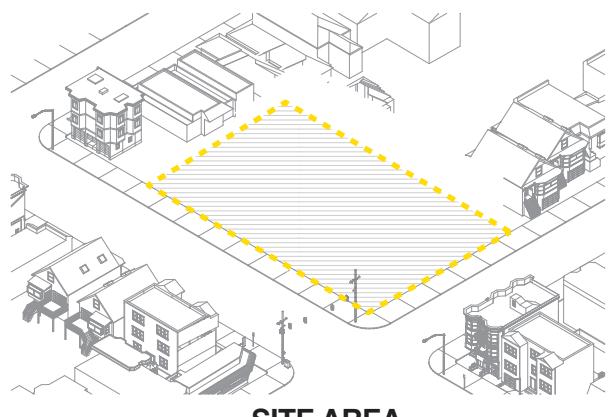
BROOM BUSH + WESTERN UNDERGROUND ORCHID The driving design factor for the project is to create an ecosystem for the perannual western underground orchid to bloom from the soil, that is contained within the wall assembly. Thus intersecting people into the symbiotic relationship between the bush, the orchid, and us.



TOP: Interior perspective, interaction between plants and how you would move through the one of the residential units.

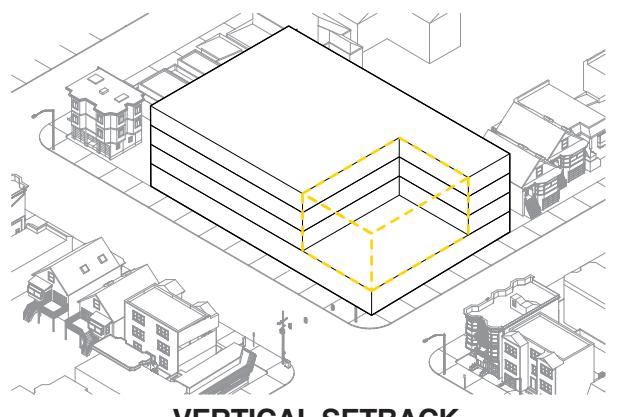
BOTTOM: Exterior facade study, considering options for shading / daylight strategies.





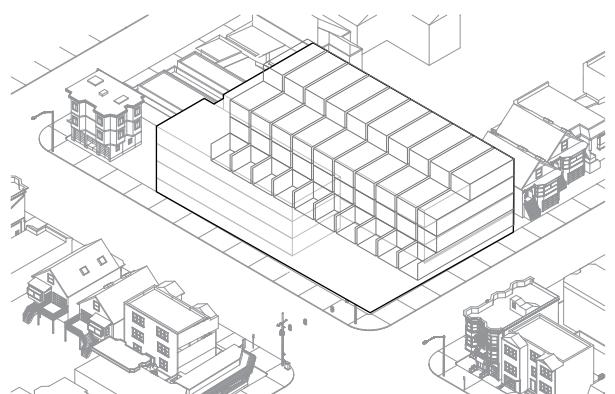
SITE AREA

The site location on the corner of 43th and Irving. South of Golden Gate Park



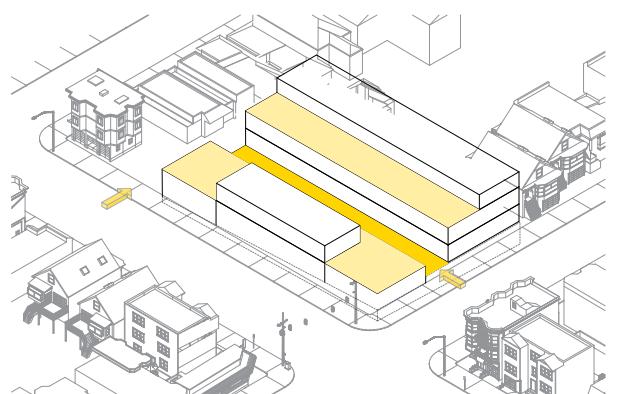
VERTICAL SETBACK

Max height limits 55' with void extrusion to activate the corner adjacent to street



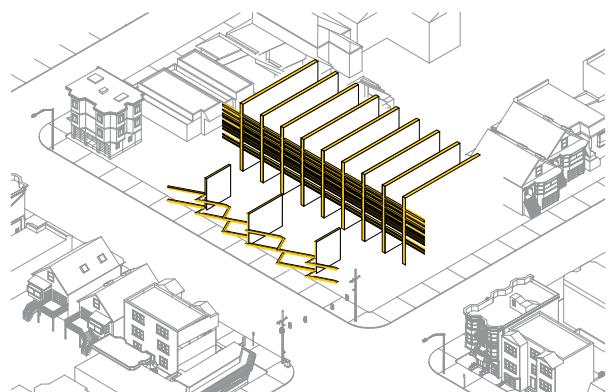
BUILDING DIVISION

Comparing uses of different spaces, focus on integration and shared community space



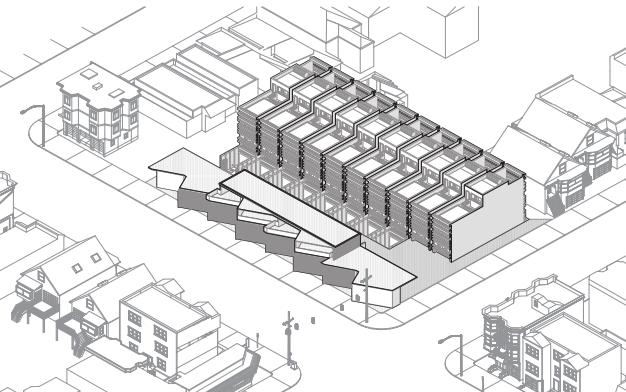
PROGRAM SEPARATION

Inclusion of pedestrians and cars, parking garage located basement level. Access to commercial units for the public and private



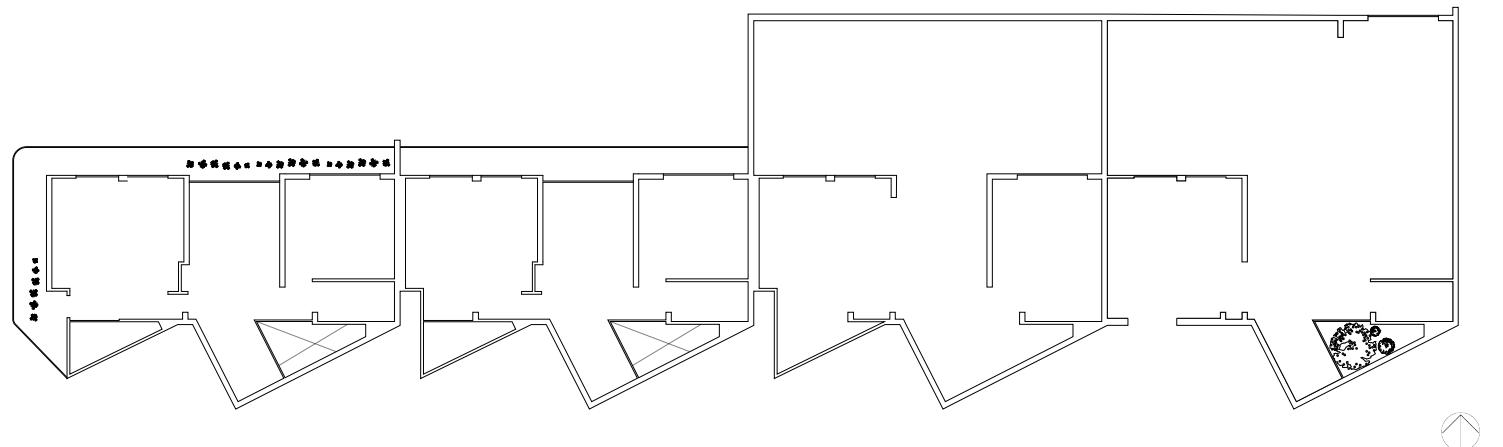
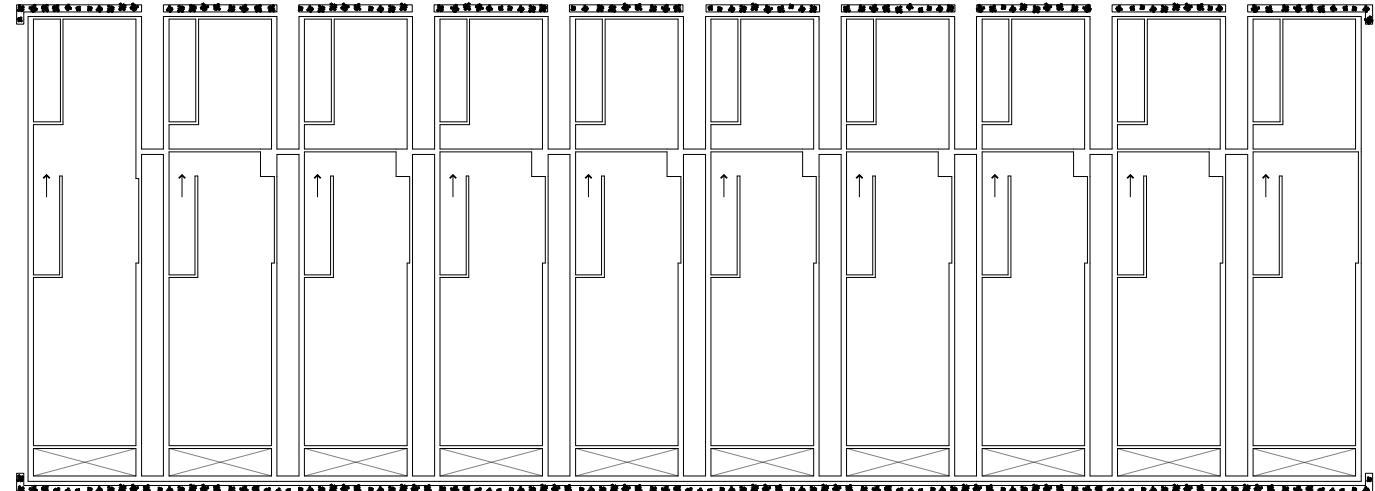
ROOT SYSTEM INFILL

Infil system, integrated root system within the walls that separate unit. Improving sound quality with support of the species.

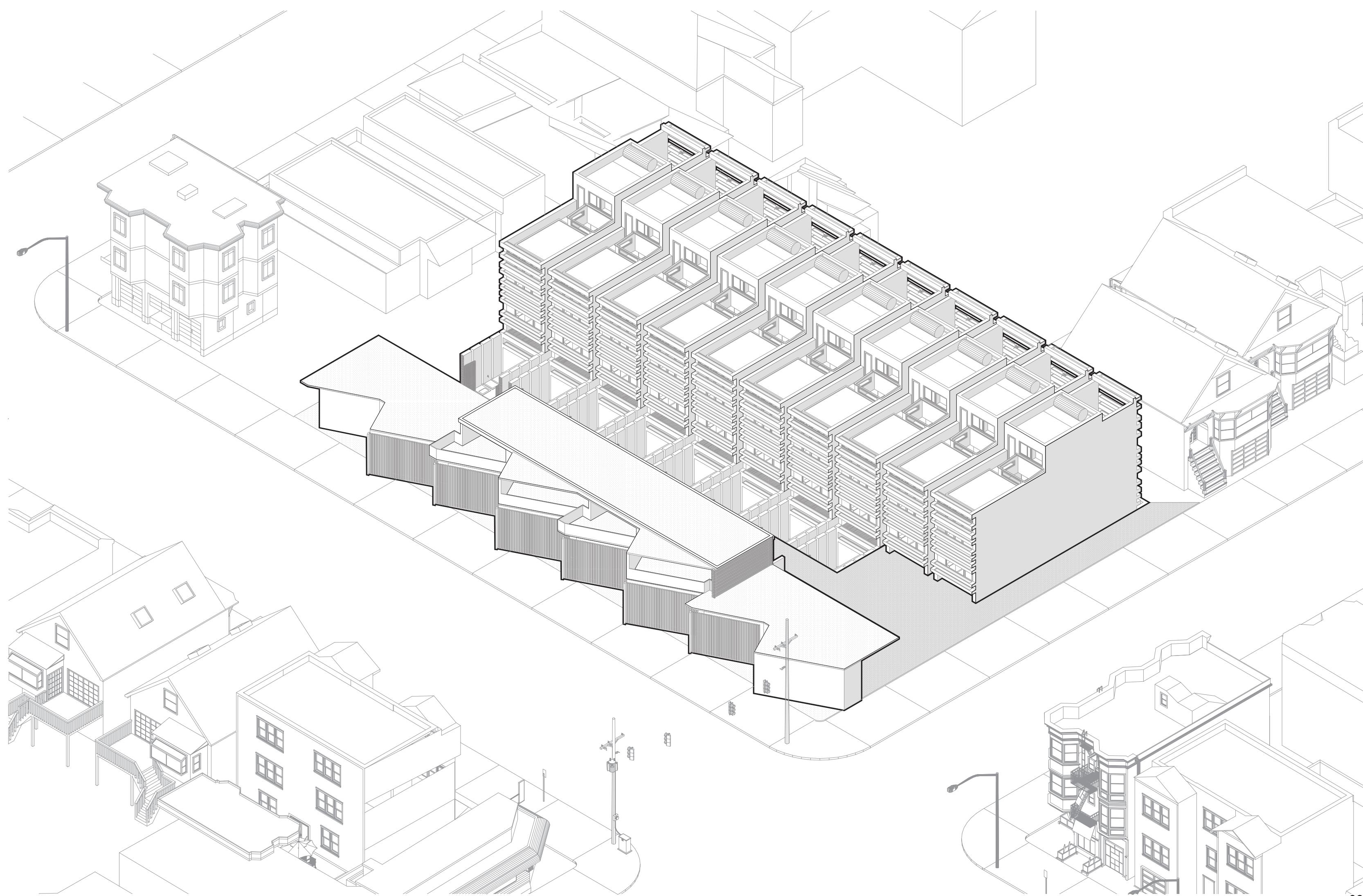


BUILDING INTEGRATION

Completed proposal



TOP: First Floor Plan
BOTTOM: North Exterior Elevation

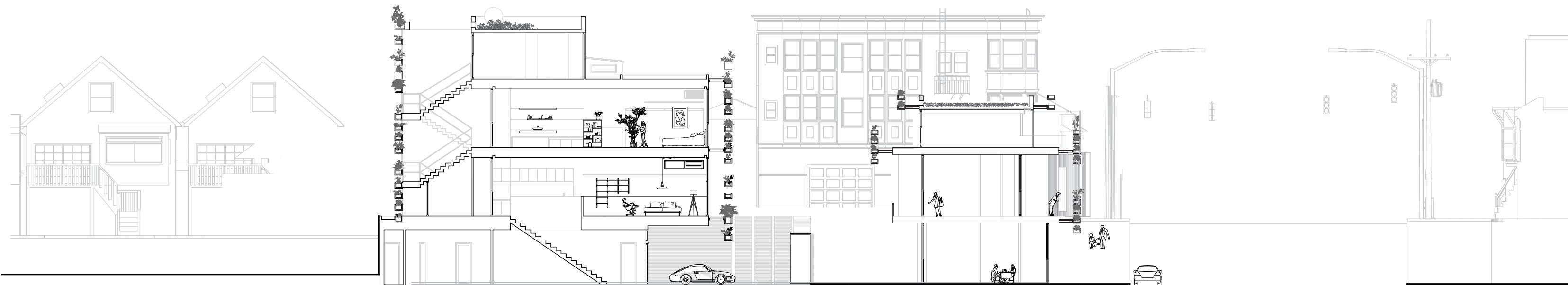


URBAN DENSITY / DAYLIGHTING Getting sunlight in a city is a challenge, especially in San Francisco, as urban developments become denser to increase the investment rate of return by code and zoning ordinances require to have a specific amount of daylight depending on the use of space.

In addition to daylighting strategies, for the buildings we inhabit, adequate sunlight for nurturing the sensitive species and surrounding ecosystem. Creating a healthy environment for us.

PROPOSAL / SYMBIOSIS CONNECTION This project proposes the symbiotic relationship between the broom brush/ fungus/ western underground orchid as a natural system that can grow through the building. Weaving in, outside of and with, as a concept for structuring a new series of spaces that maximizes the conditions for its growth and consequently, the residents of the building.

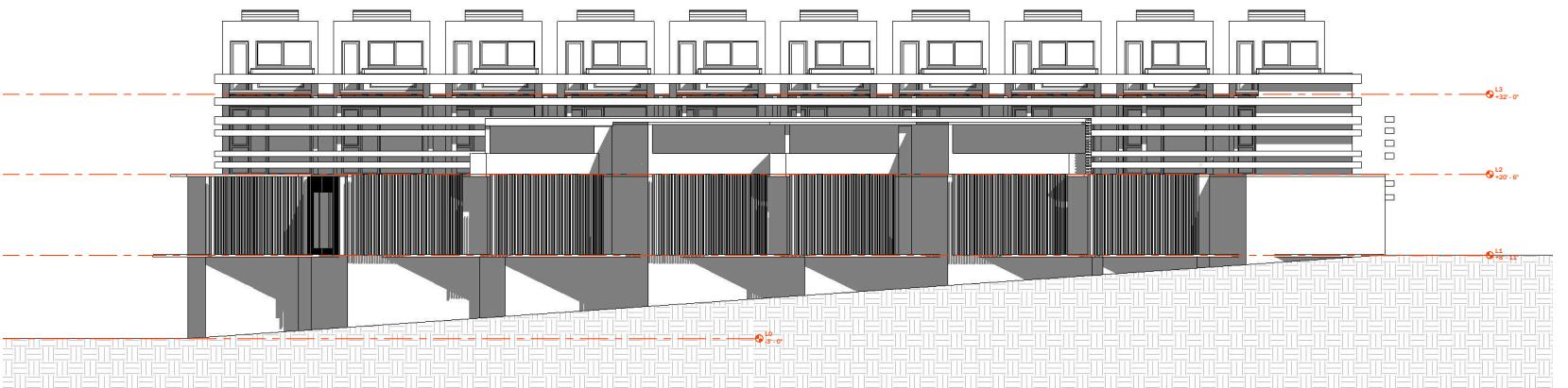
In addition to the close symbiotic relationship with each other, the site is located at 44th and Irving in the Outer Sunset district of San Francisco. Orientated to the south to take advantage of daylighting as well as extending the existing ecosystem of Golden Gate Park. Adjacent to a multi-cultural community with amenities like restaurants, shops, parks, schools, and walking trails to the Pacific Ocean.



ABOVE: Cross Section

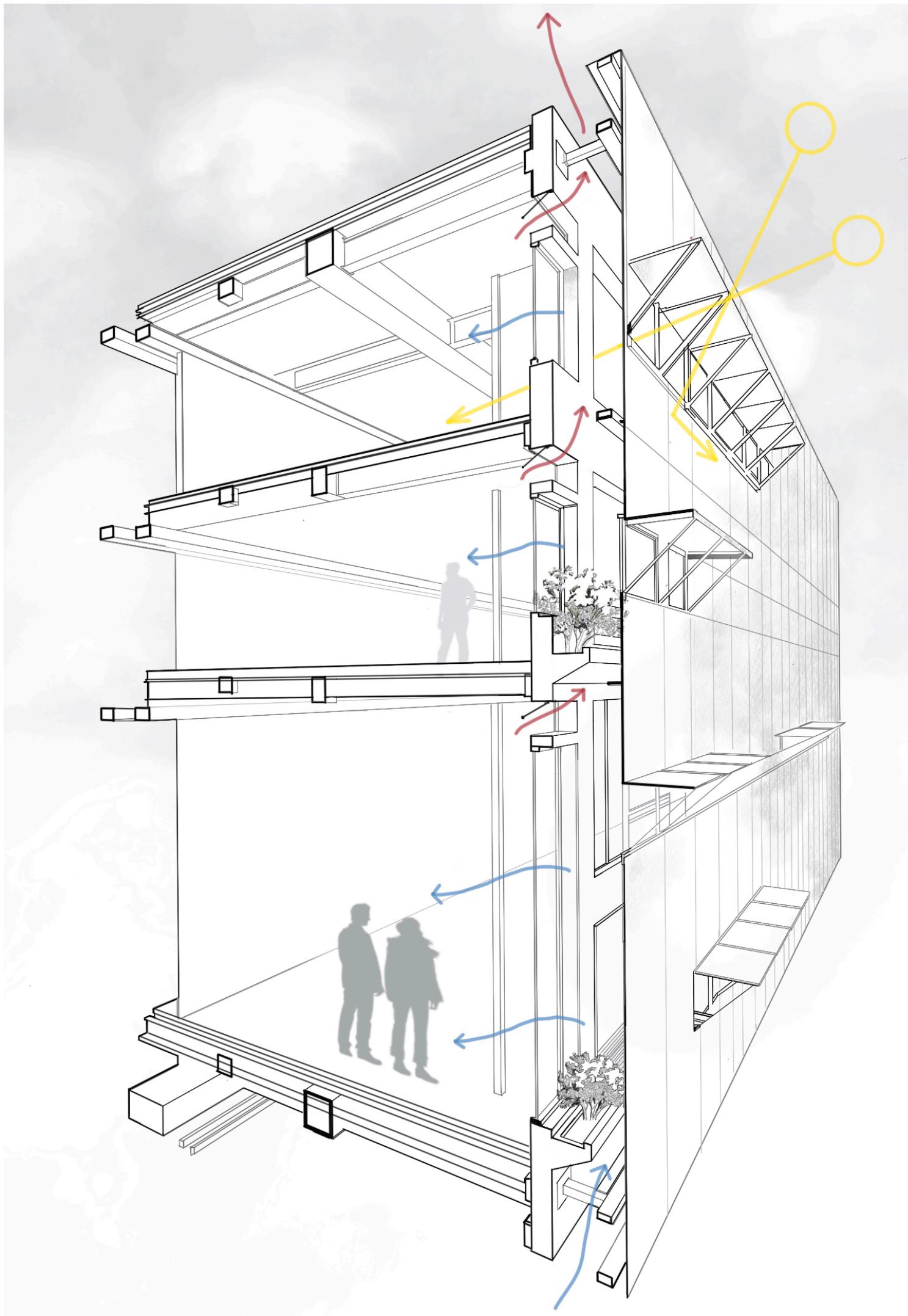
HEALTH / ECOSYSTEM Typically, plants are located on or around our buildings, not usually inside and integrated with the environmental systems of the building. In reference to projects such as the Bullitt Center (top) and iLot (bottom) to utilize systems that mutually benefits people (community) and sensitive species (ecosystem).

IMPACT The benefits of the project are multi-dimensional - benefiting the residents with light, natural ventilation, and a direct connection with nature. Benefiting the investor by keeping operational costs low through passive design strategies in grey water return, solar massing, and overhangs for shading. Benefiting the community by having a sense of respectfulness of the neighboring need for sunlight and air quality. Mirroring systems are set in place on the inside the building itself.



LEFT: South Elevation

RIGHT: Perspective Section - passive design strategies, passive cooling access to greenspace for occupants.



YEAR: 2022

LOCATION: BOZEMAN, MT

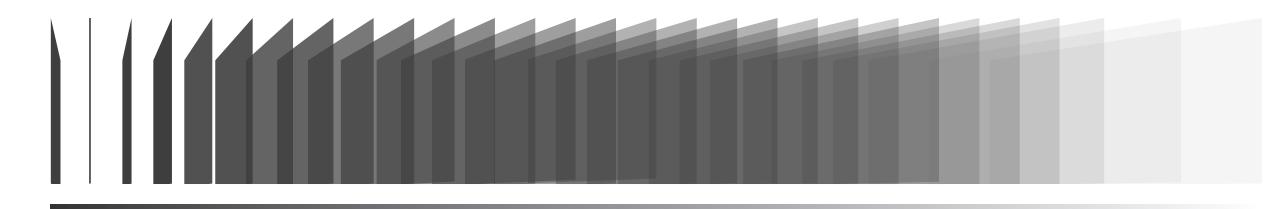
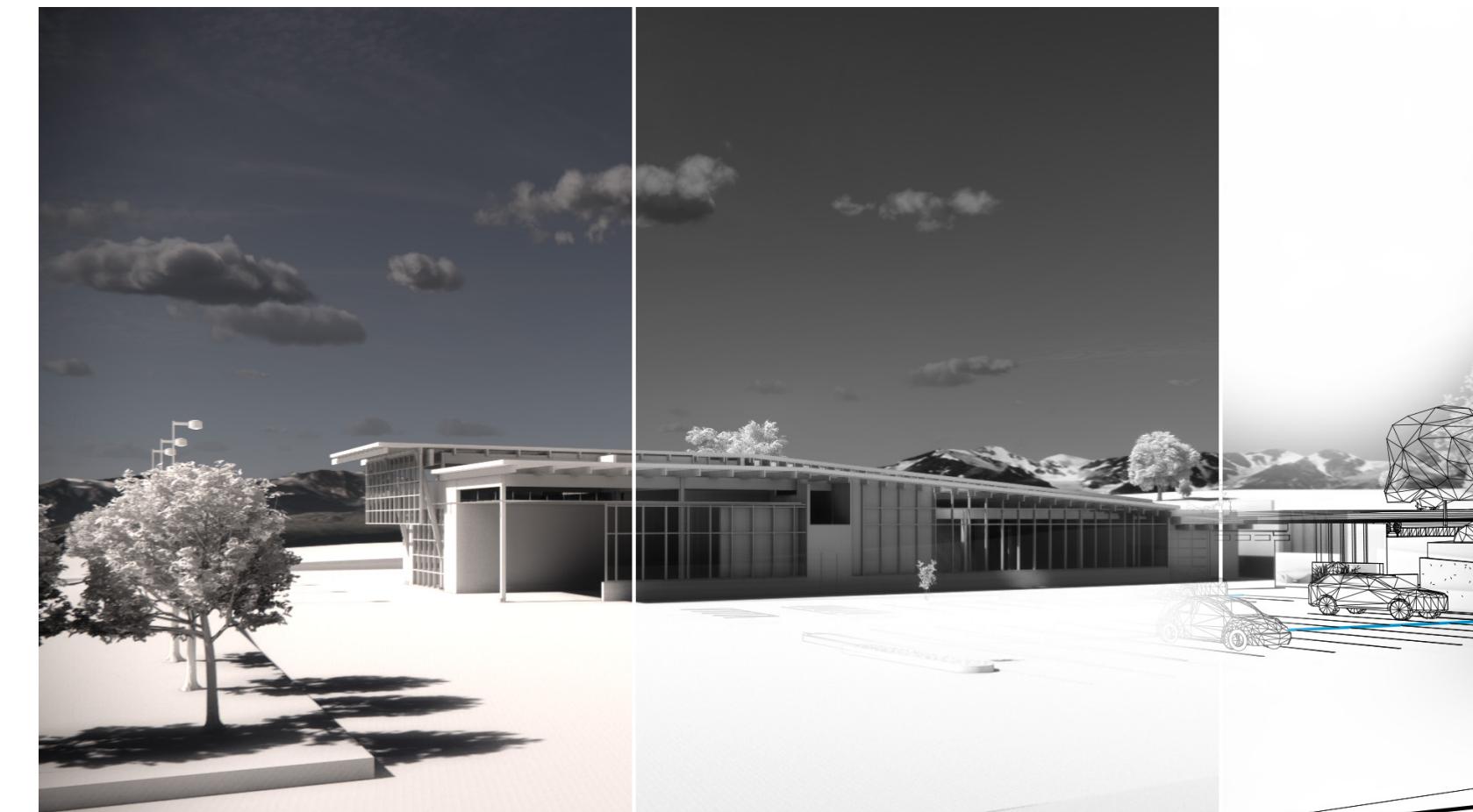
TYPE: FUNERAL



SACRAL PROGRESSION

CREAMITORIUM COLUMBARIUM

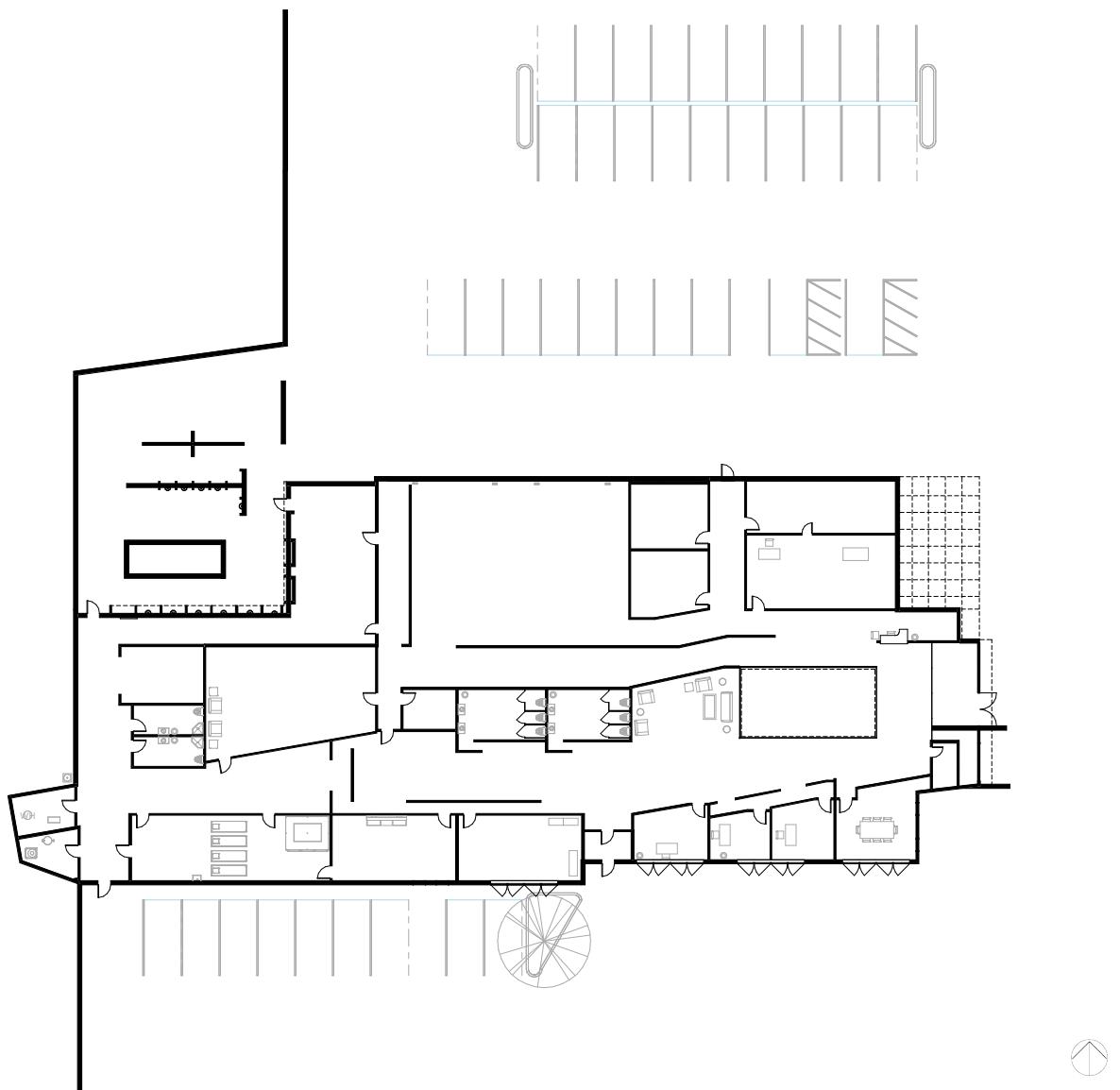
PROJECT BRIEF The project proposes a subtle conversation between man and nature to be felt across the site, aligning death with the natural course of the universe. Demonstrating how a building can literally merge with its context, blurring the edge between landscape and architecture.



CONCEPT The project proposes a subtle conversation between man and nature to be felt across the site, aligning death with the natural course of the universe. Demonstrating how a building can literally merge with its context, blurring the edge between landscape and architecture.

BOTTOM LEFT: Project Exterior perspective

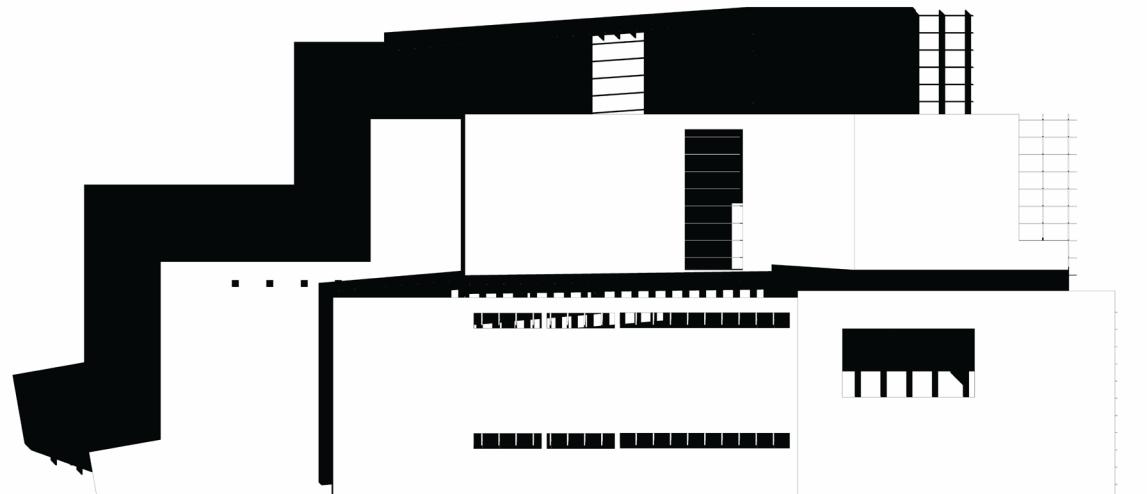
TOP RIGHT: Landscape topography study model, inverted topo lines with paper.



LEFT: First Floor Plan

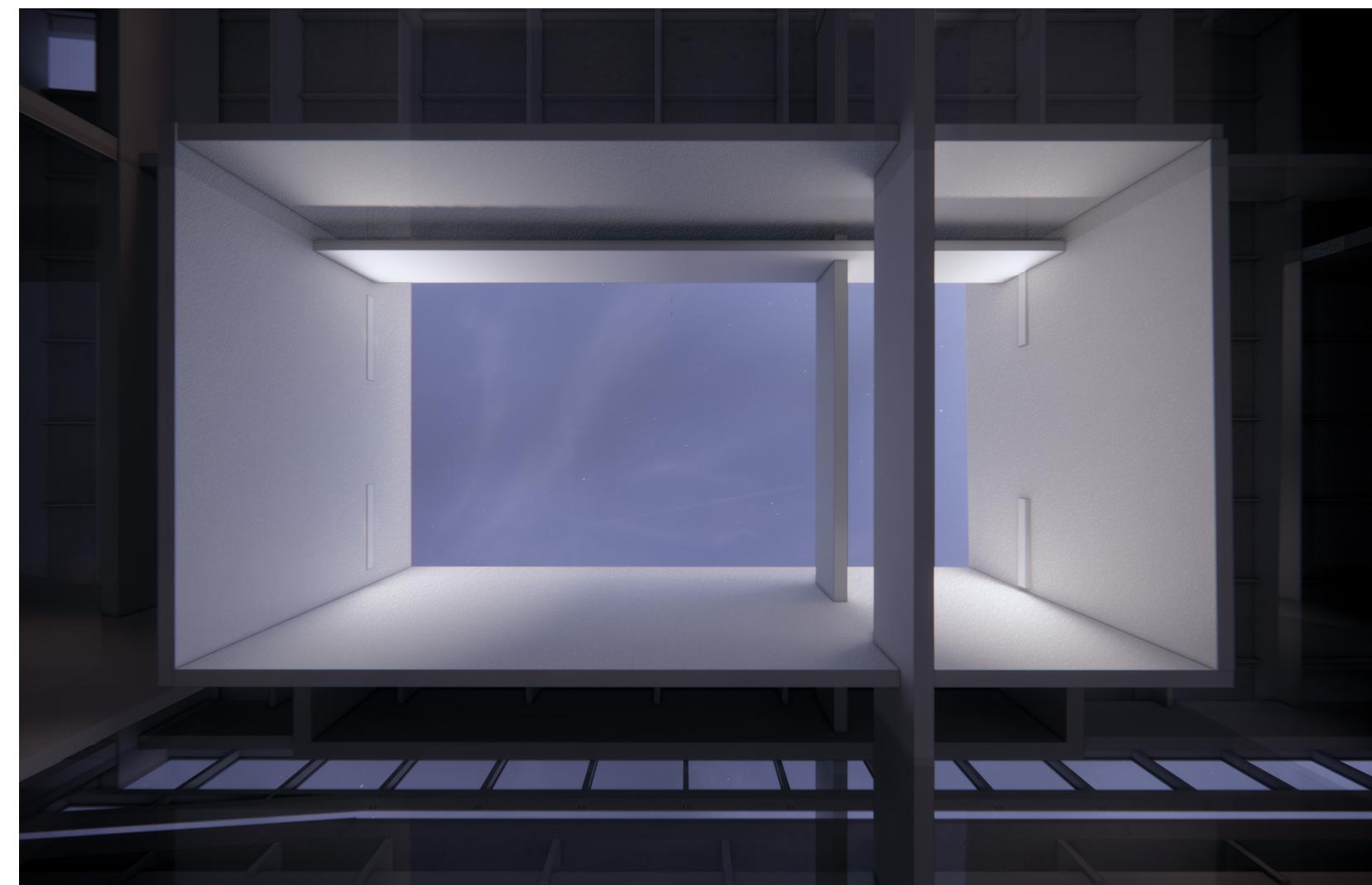
RIGHT: Interior Lobby Perspective

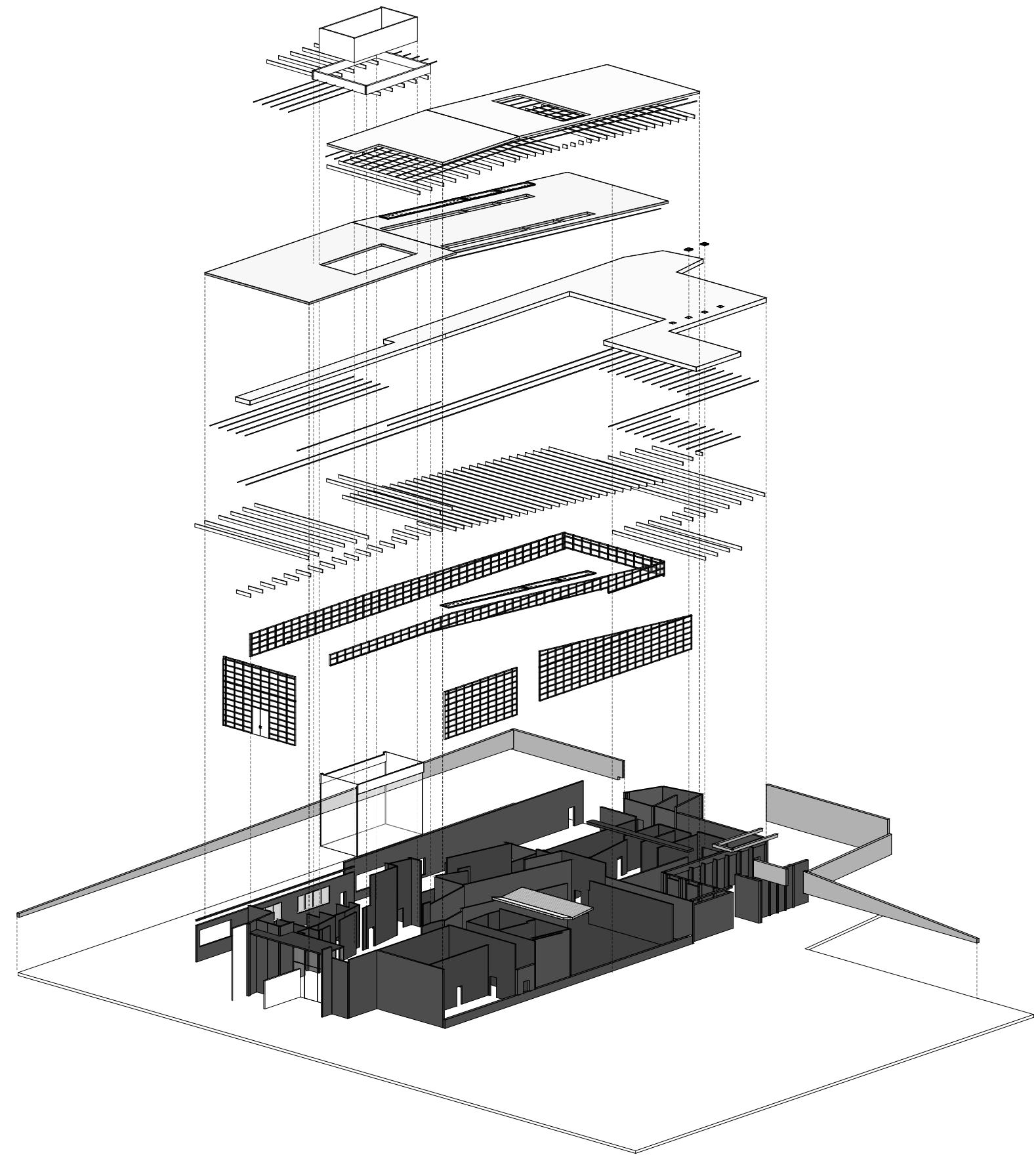
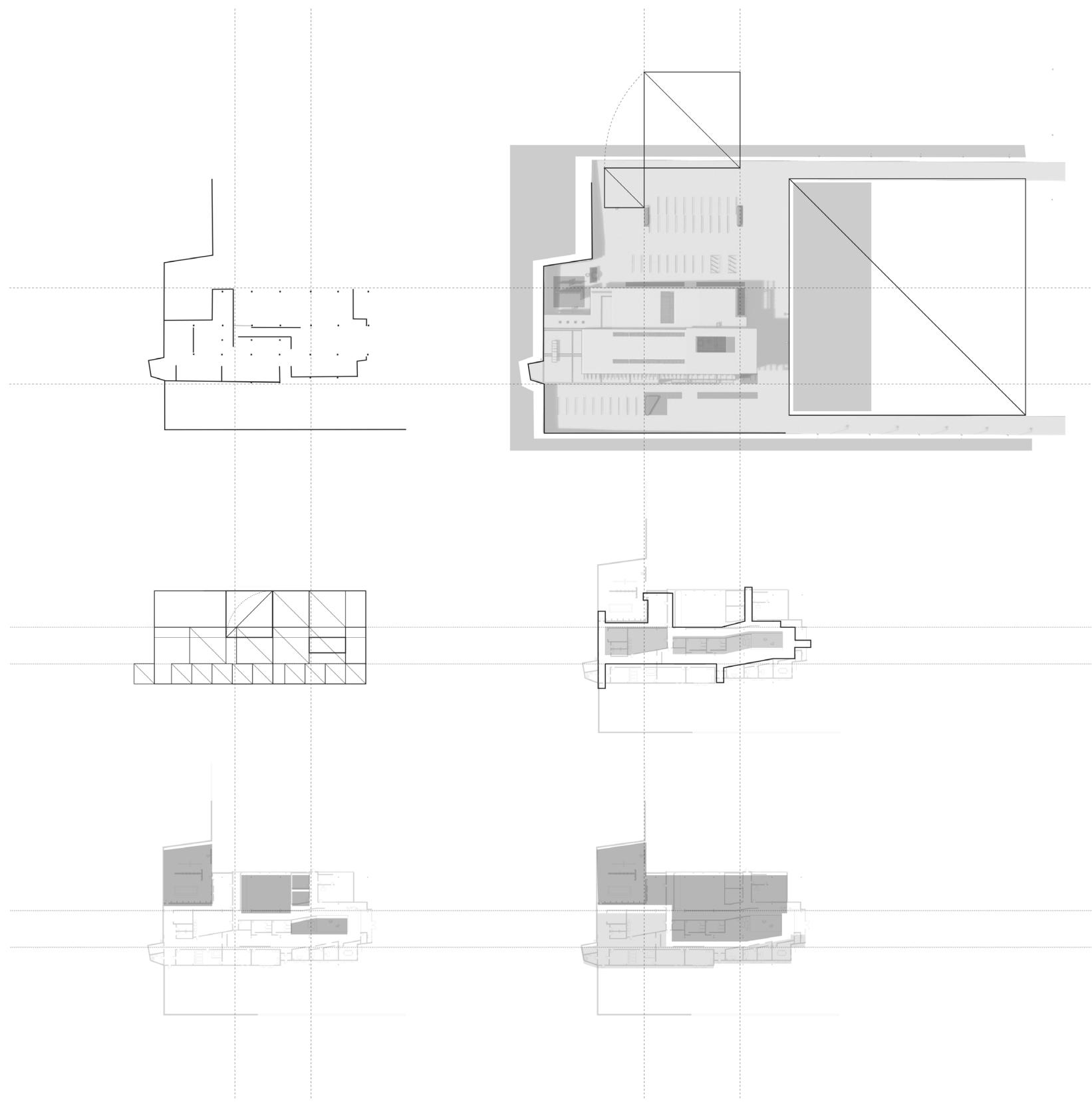




LEFT: Roof Plan

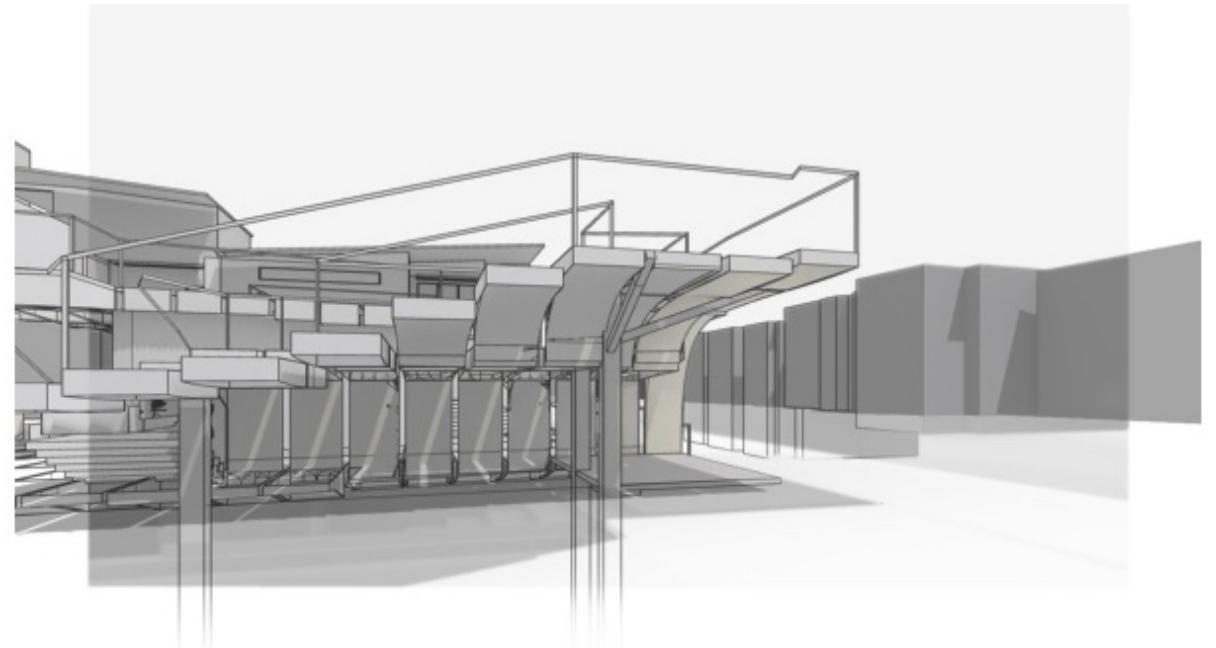
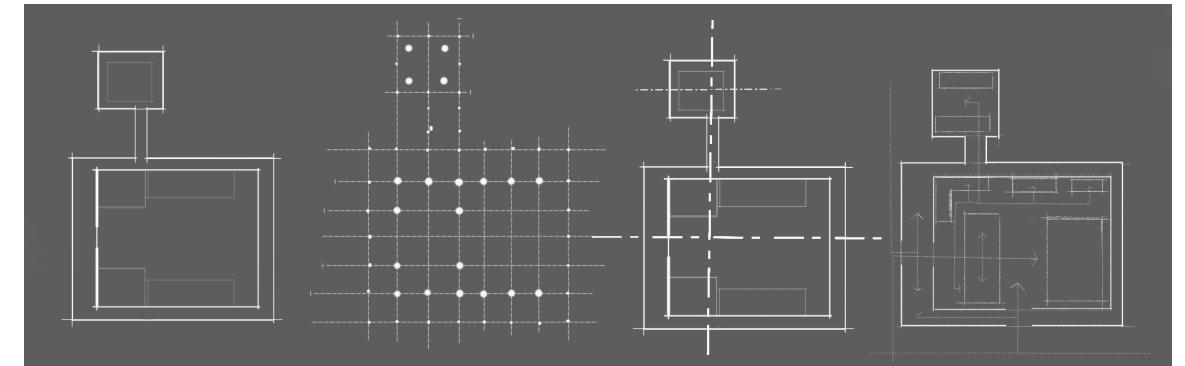
RIGHT: Section - Natural light study. Sacred Ceremonial space

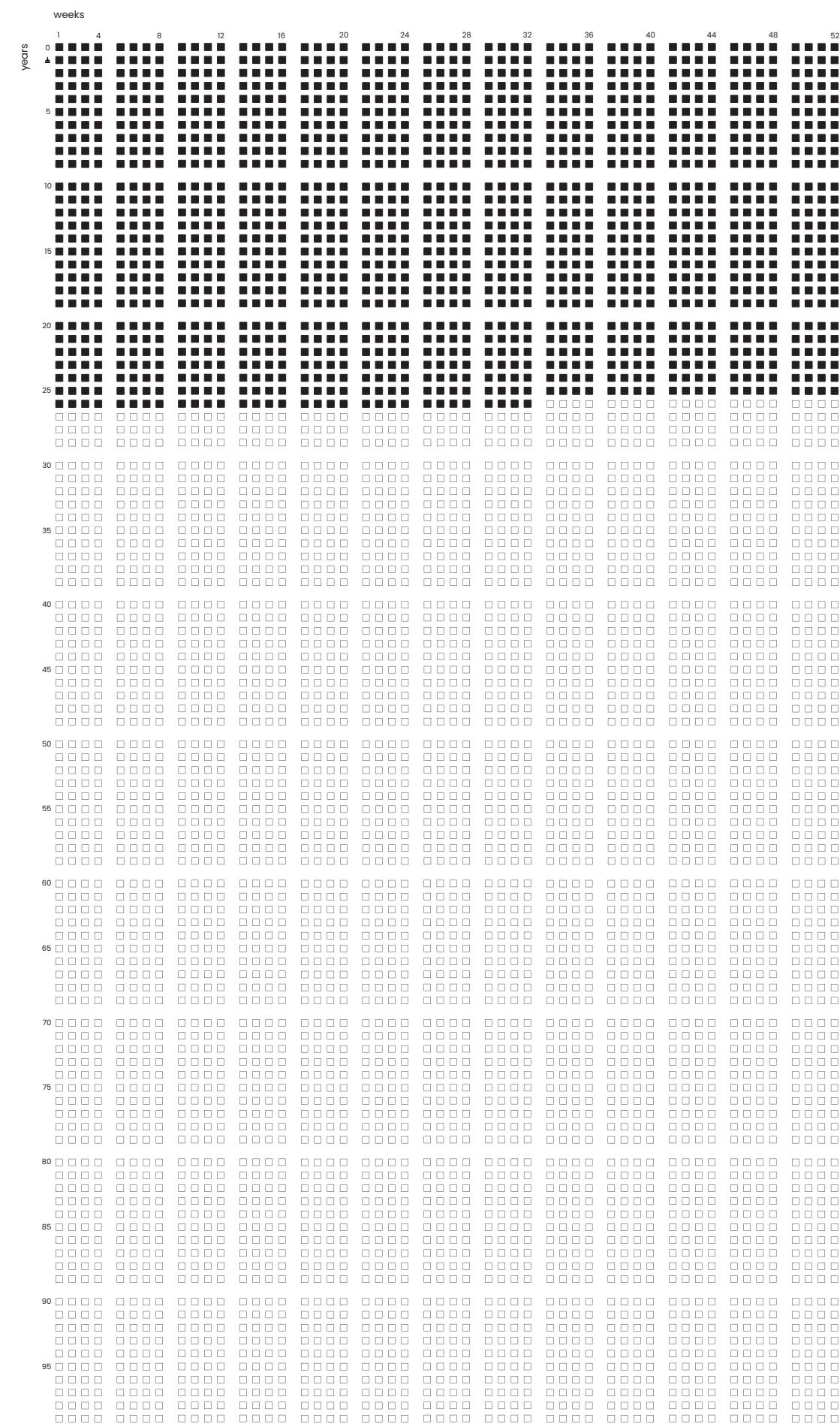






GRAPHICS / PHOTOGRAPHY

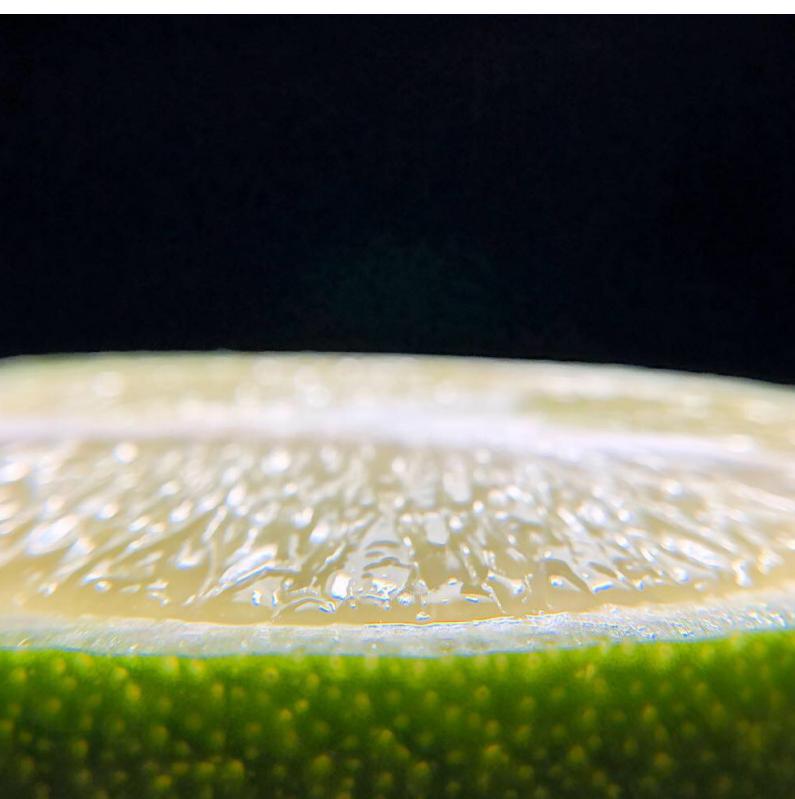
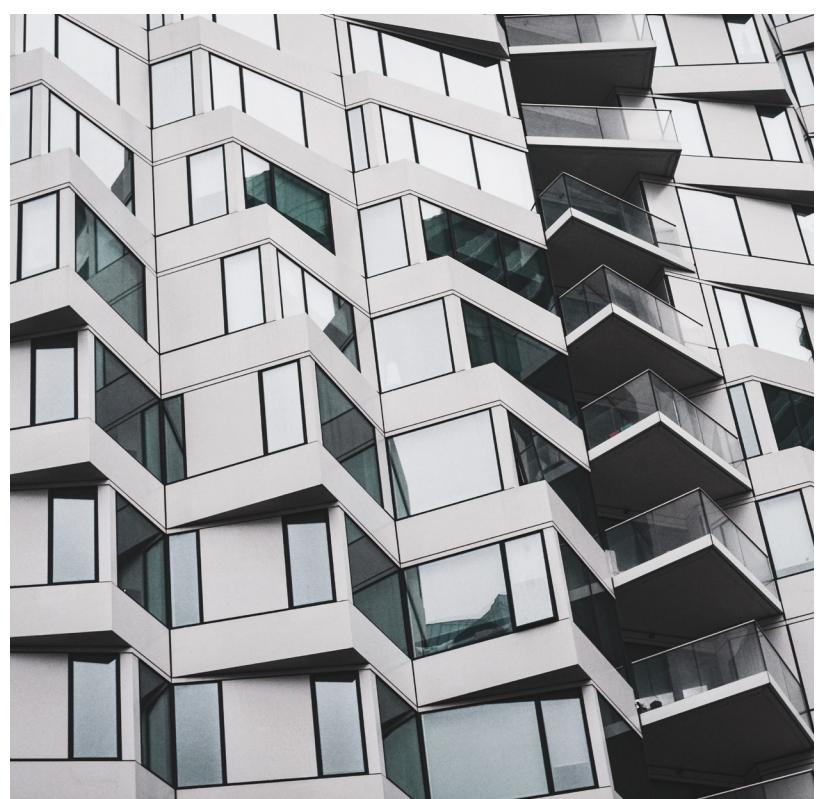
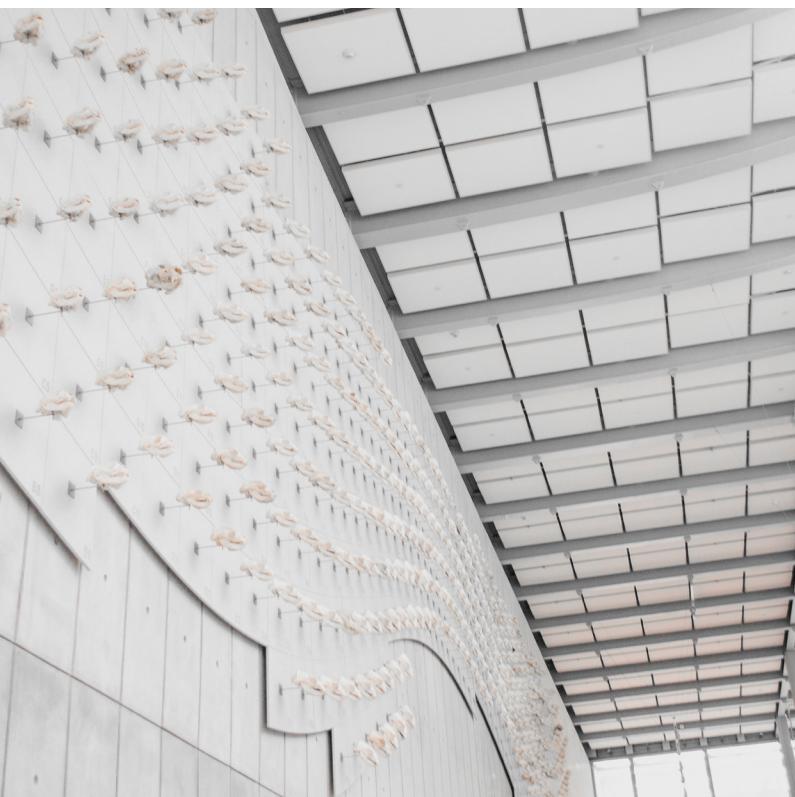
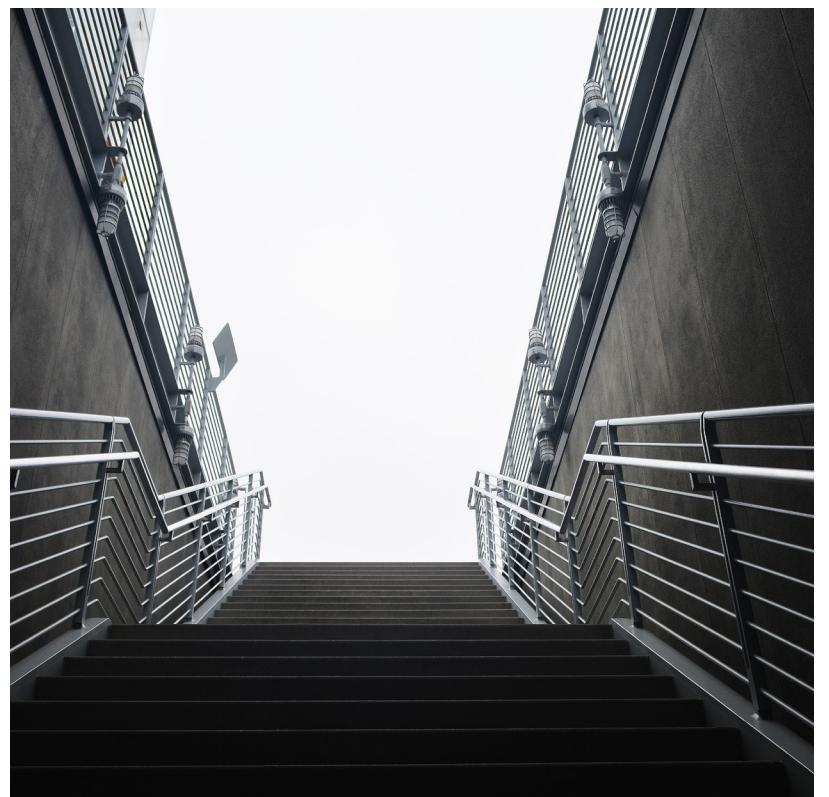


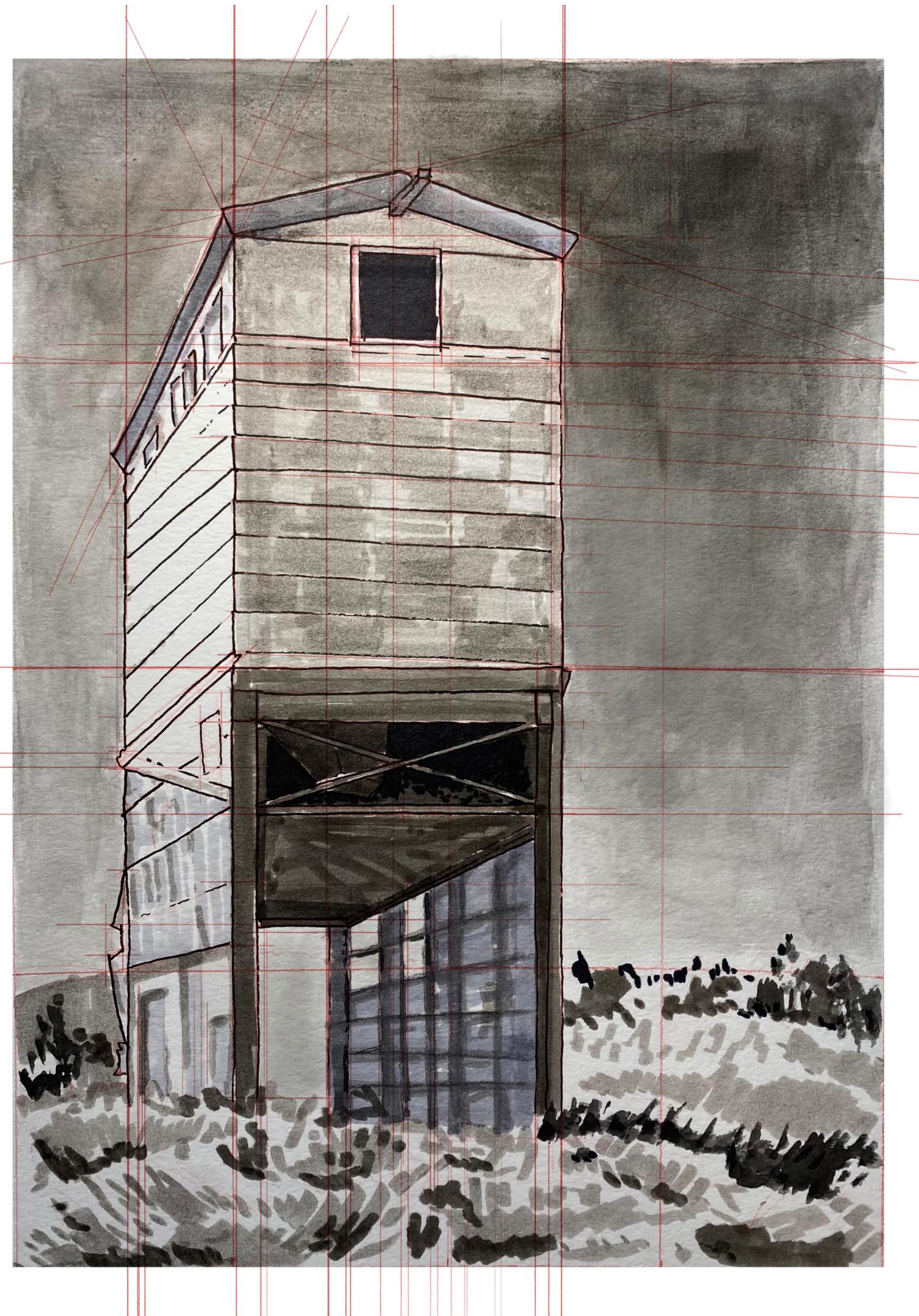
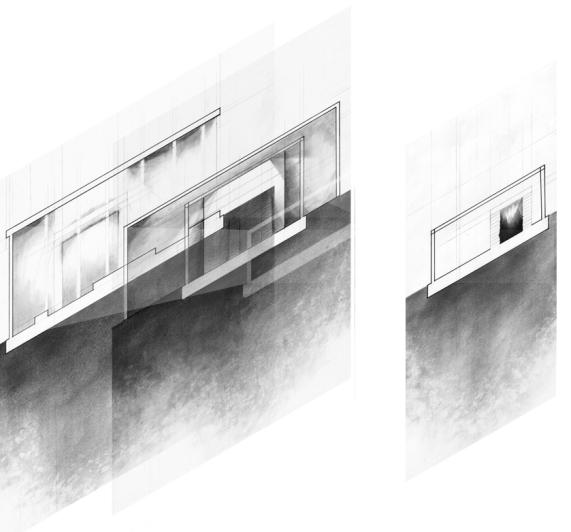


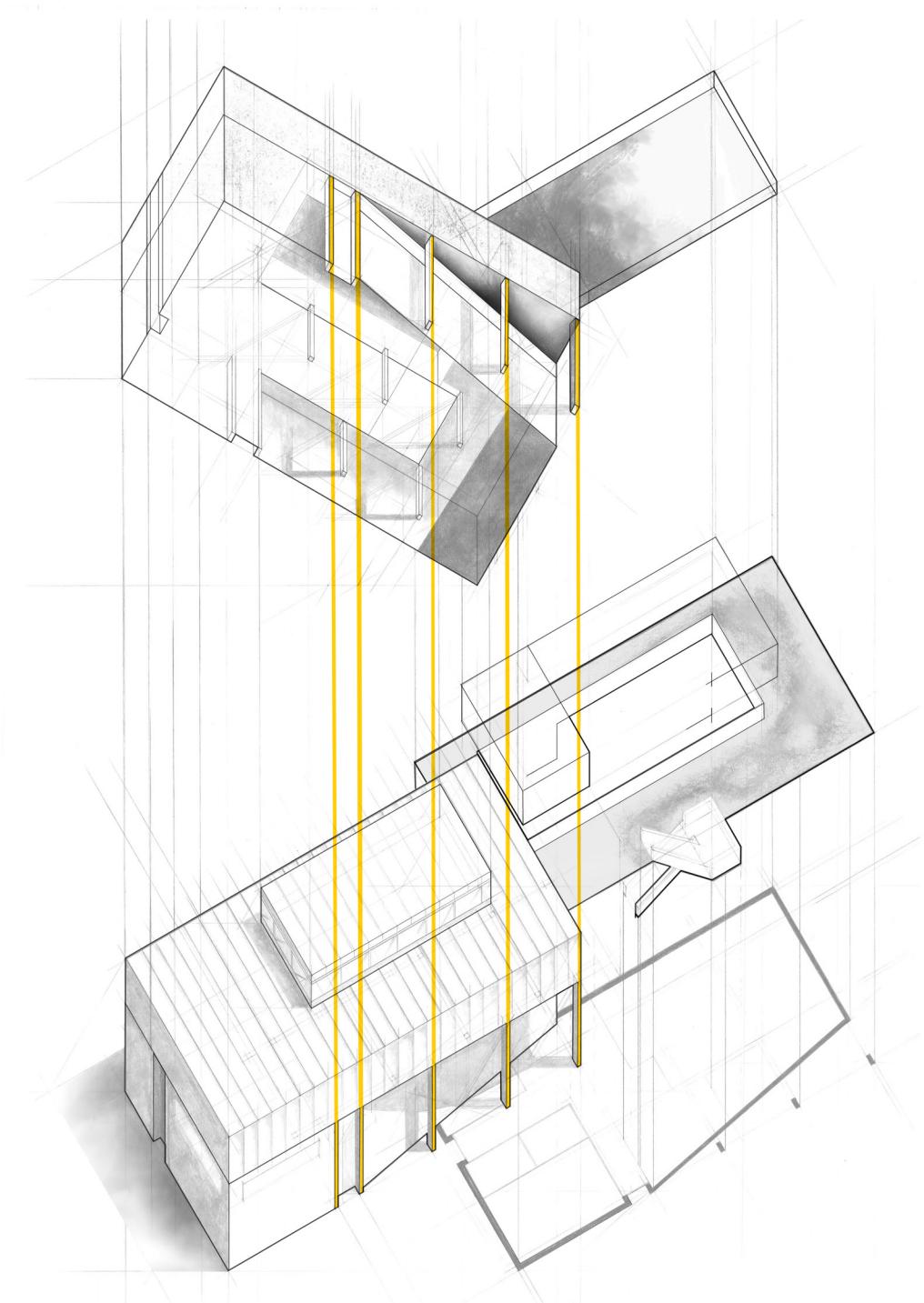
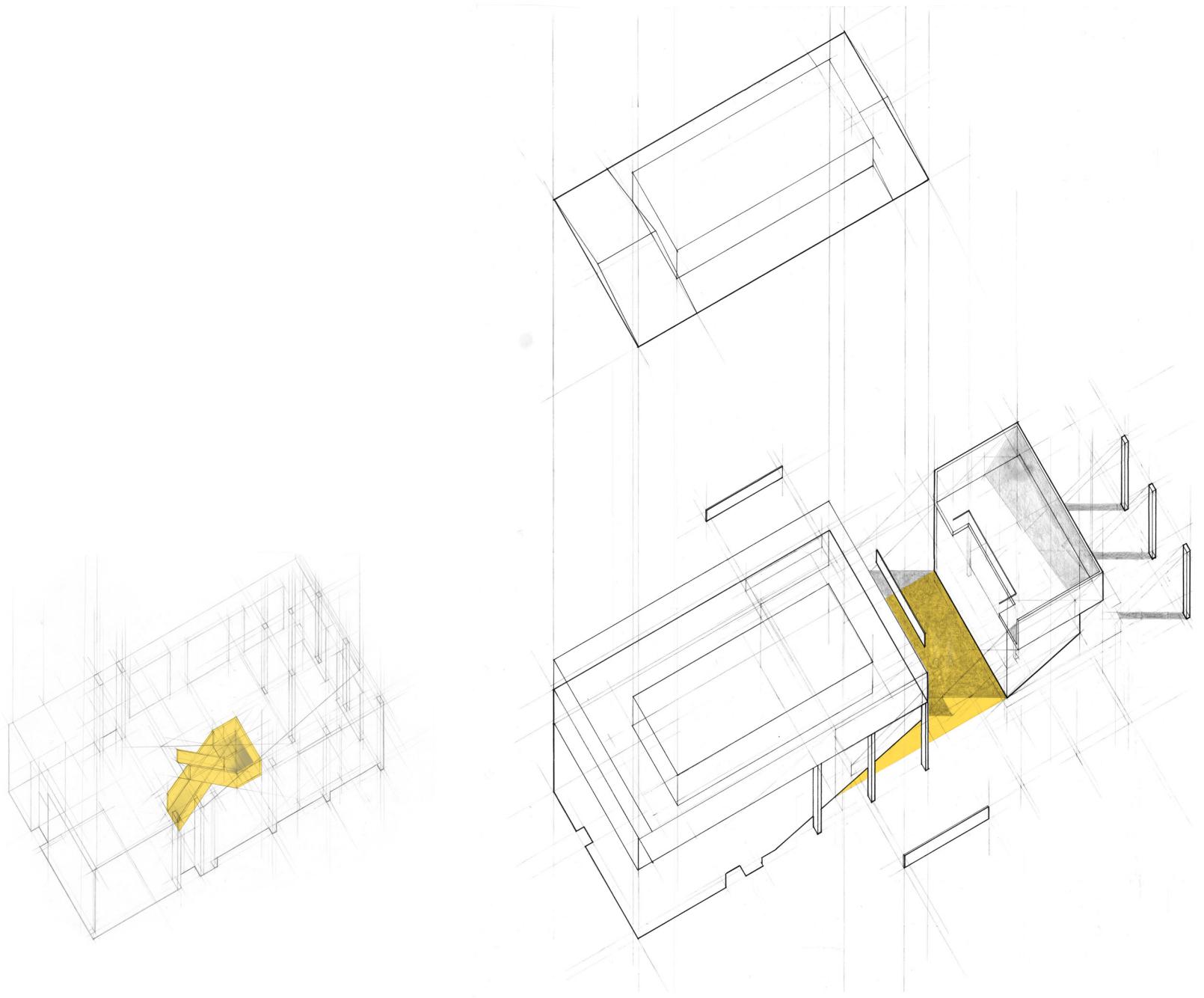
This article is about the philosophical reminder of death's inevitability. For other uses, see *Memento mori* (disambiguation).

The outer panels of Rogier van der Weyden's Bruges Triptych (c. 1452) show the skull of his patron displayed on the inner panels. The bones rest on a brick, a symbol of his former industry and achievement.^[1]

Memento mori. Gravestone inscription (1746). Edinburgh, St. Cuthbert's Churchyard.
 Memento mori (Latin for 'remember that you [have to] die'^[2]) is an artistic or symbolic trope acting as a reminder of the inevitability of death.^[2] The concept has its roots in the philosophies of classical antiquity and Christianity, and appeared in funerary art and architecture from the medieval period onwards.



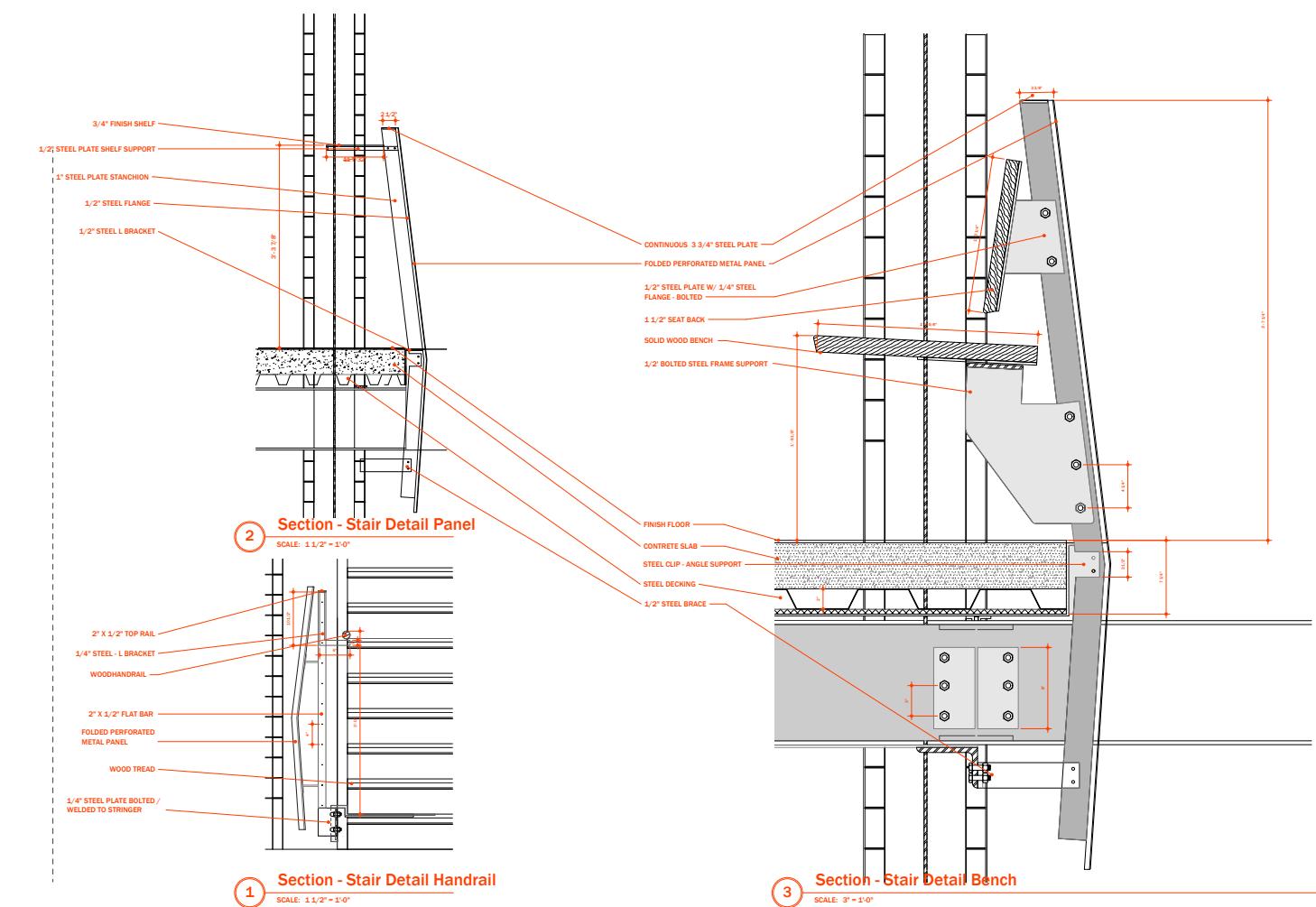
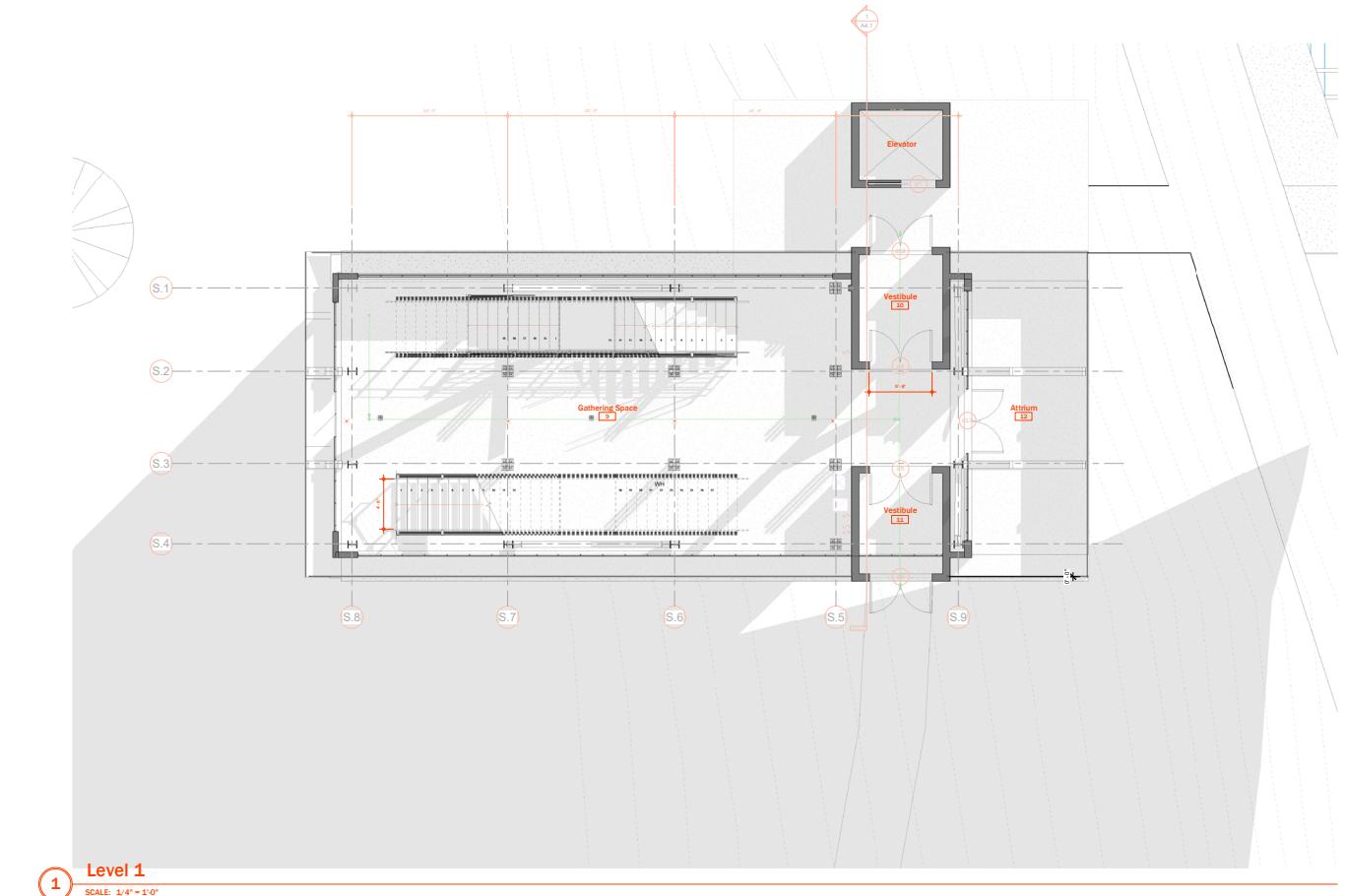
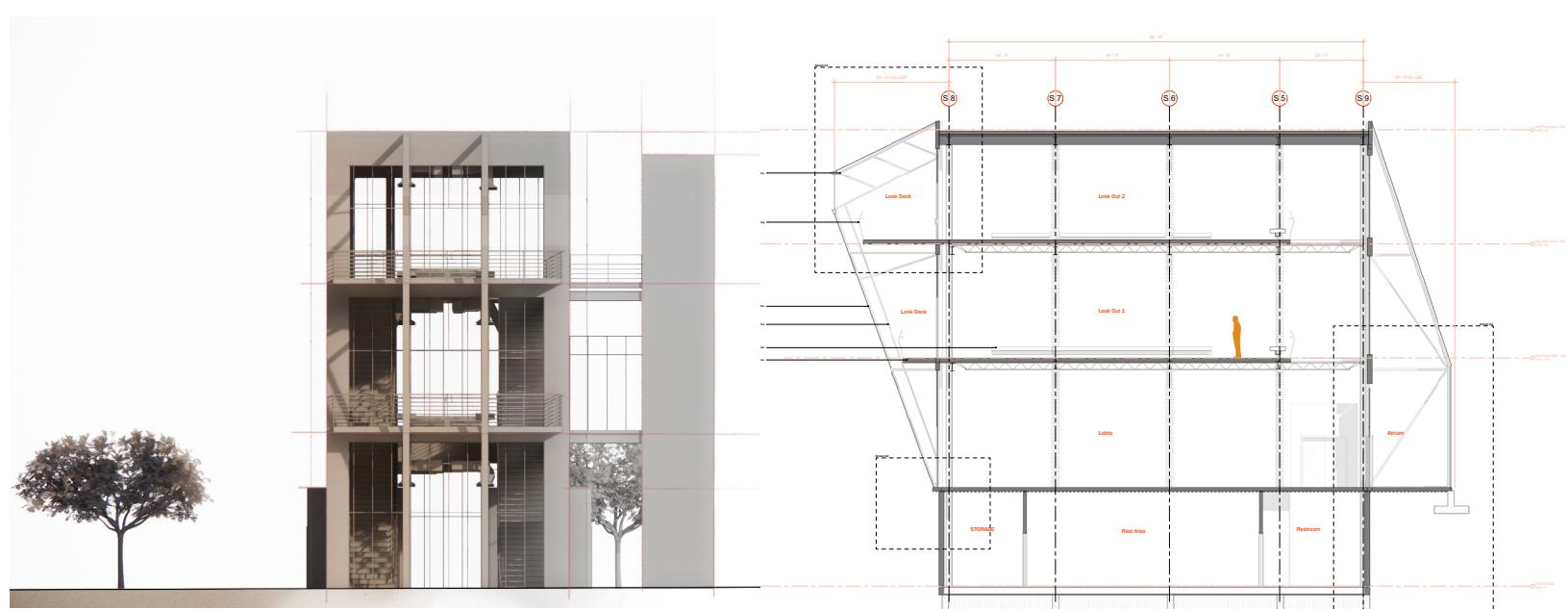






TECHNICAL

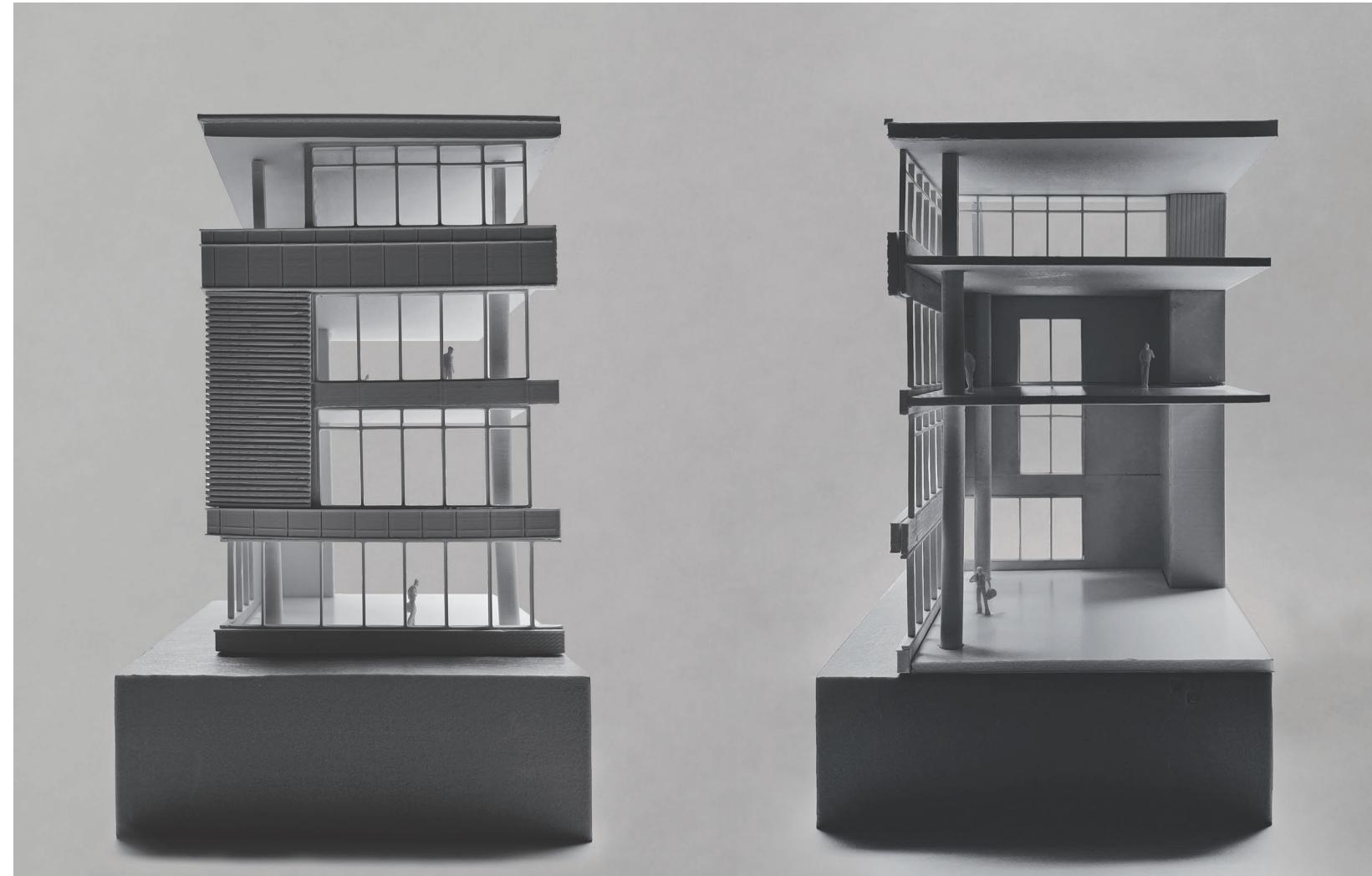
BUILDING CONSTRUCTION / ENVIRONMENTAL CONTROL SYSTEMS



YEAR: 2023

LOCATION: BILLINGS, MT

TYPE: COMMERTIAL



CUSHING TERRELL

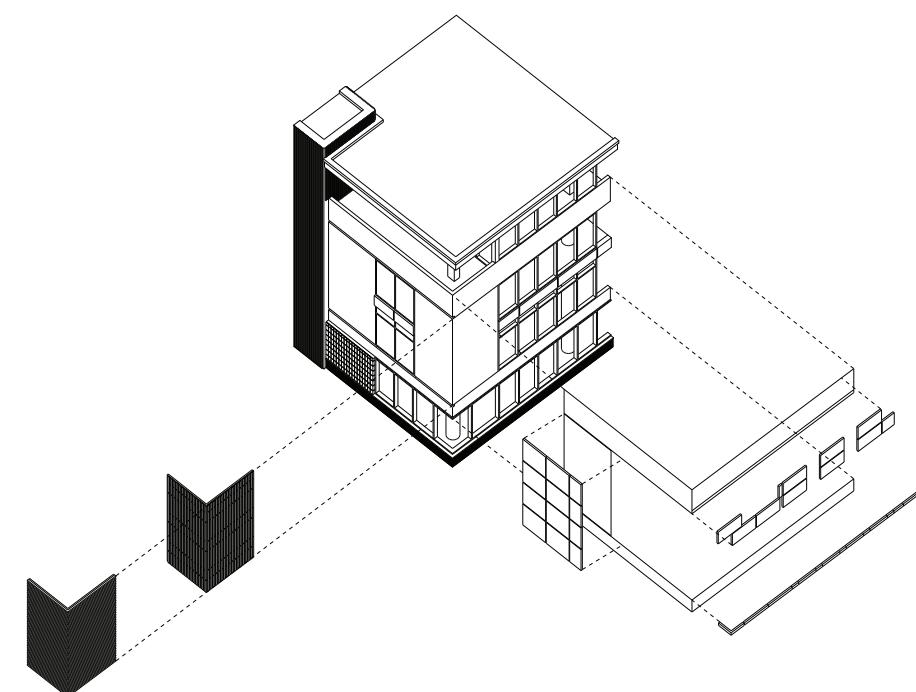
ARCHITECTURAL INTERNSHIP

ABOUT THE FIRM Cushing Terrell's design process begins and ends with research and is characterized by multi-disciplinary collaboration. Knowledge gained from experience that the artful integration of all the systems in a building are the foundation for high performance, sustainable solutions.

The whole is greater than the sum of its parts. The whole is understood in the details. Holistic design considers that each component (exterior and interior architecture, landscape, building systems, details) is considered as part of a greater system of dynamic relationships. By leveraging an integrated design process, we create holistic environments that maximize systems and synergies.

The integrated process at Cushing Terrell thrives on collaboration, trust and transparency, iteration with rigor and attention to detail. It is research oriented with continuous learning and improvement.

YMCA BOISE, ID 3D printed model of a corner of the proposed building - exploration of different facade material options. The individual pieces representing stone, metal panels, brick and wood slatted composite all can be removed and swapped out as a means to see how they can effect the overall design of the building.

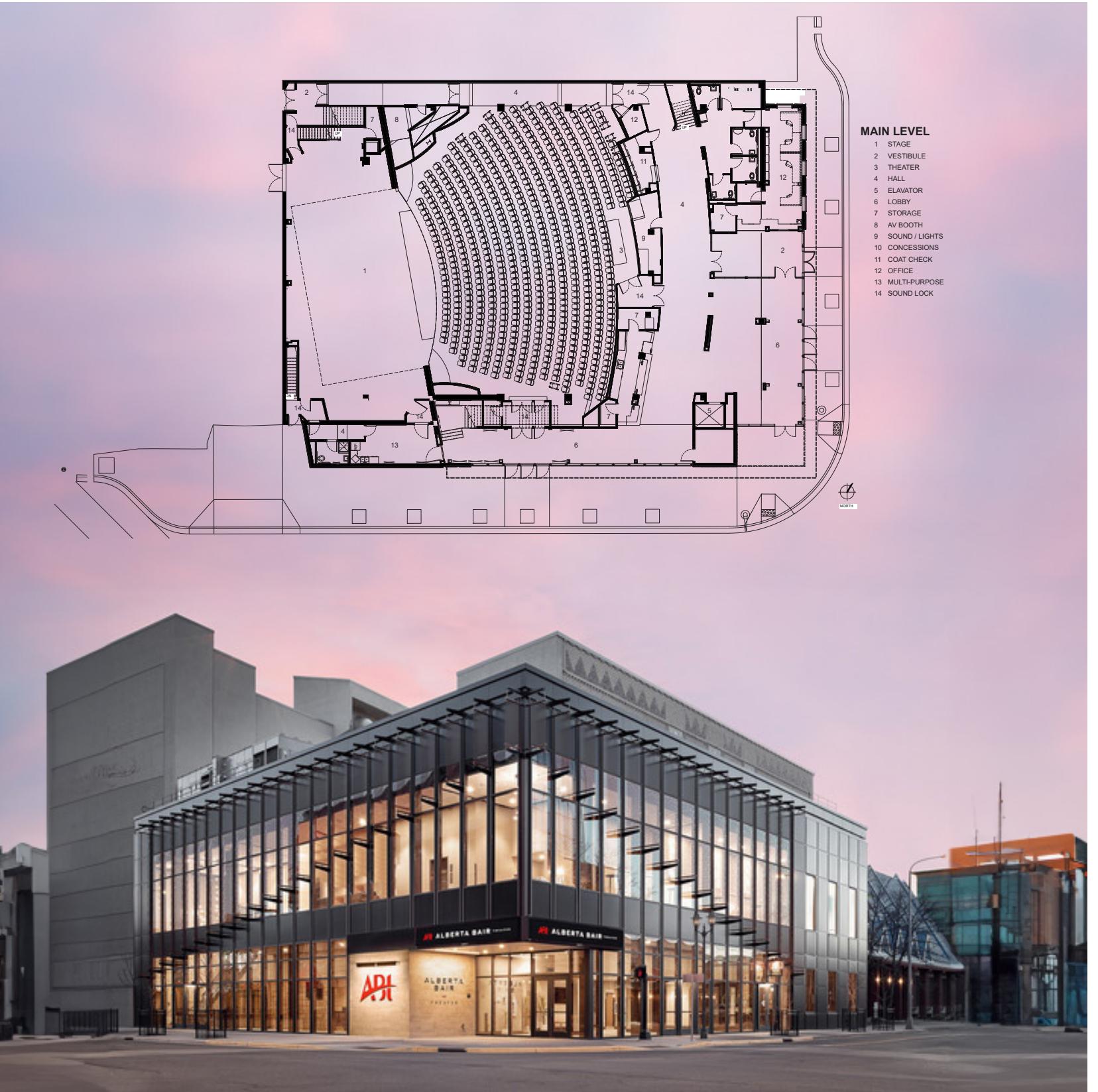


TOP: Final 3D printed model

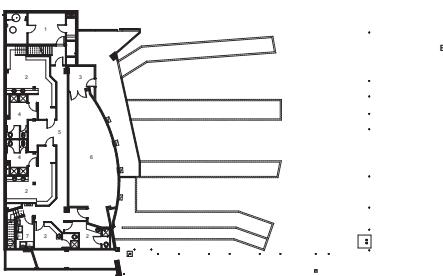
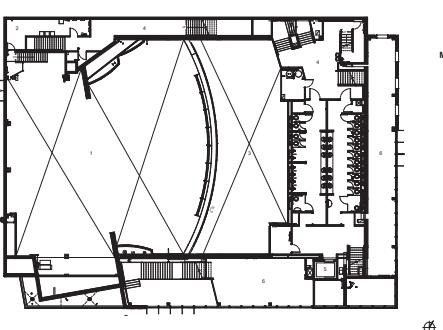
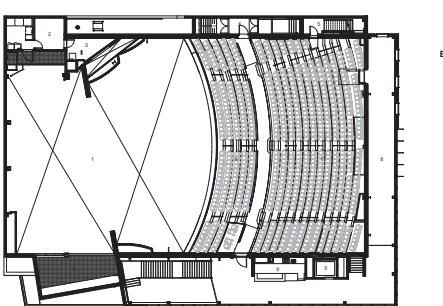
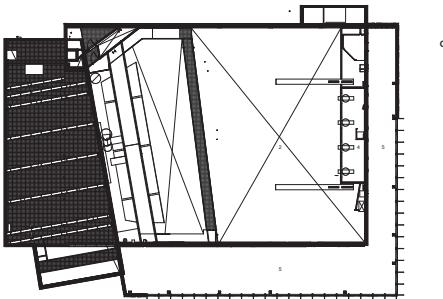
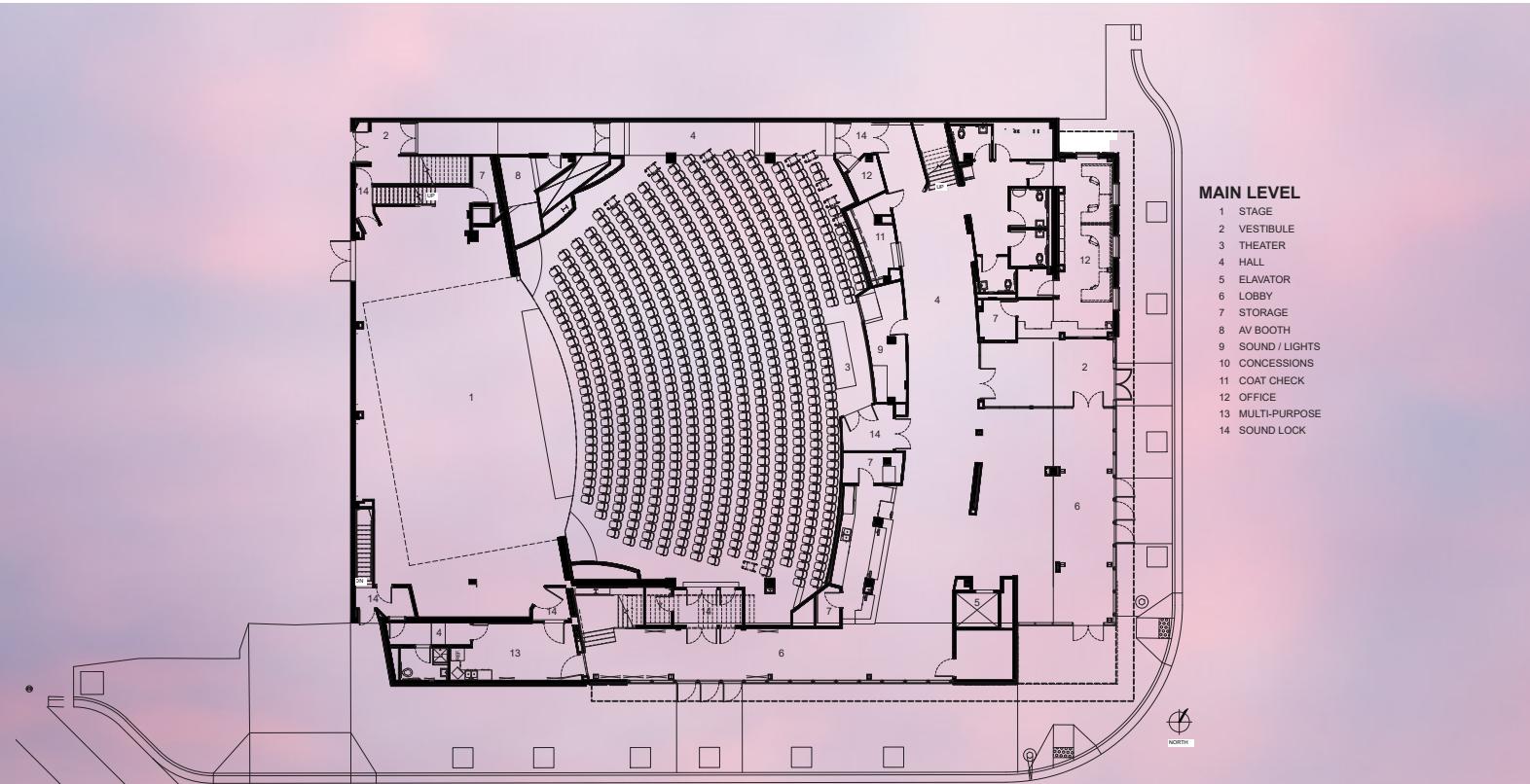
BOTTOM: exploded axonometric, facade options.

**Cushing
Terrell**[®]





Alberta Blair Theatre: Presentation Drawings
for Submittal for Design Excellence Awards.



YEAR: 2024

LOCATION: BOZEMAN MT

TYPE: RESIDENTIAL



PEARSON DESIGN GROUP

ARCHITECTURAL DESIGNER

FIRM ROLE / RESPONSIBILITIES Working on primarily high-end residential houses in Montana, Canada, New Mexico, Wyoming, Utah, and Colorado. My role at the firm is primarily in presentation images and preparing graphical presentations to the client. Much more an intimate approach to architectural design with direct contact with clients in fulfilling their wants and need for the project.





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