

The background of the entire page is a light gray architectural site plan. It features a grid of streets and various building footprints, some of which are shaded in a slightly darker gray. The plan is dense and detailed, showing a complex urban layout.

**Portfolio**

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**Class of 2029**

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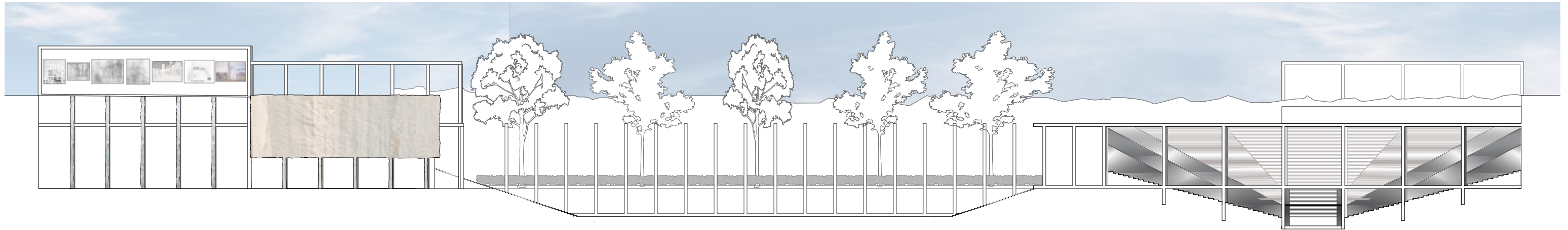
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\*Front and Back Cover Image = Bas Relief Model of Syracuse  
(Laser Cut Chipboard)\*

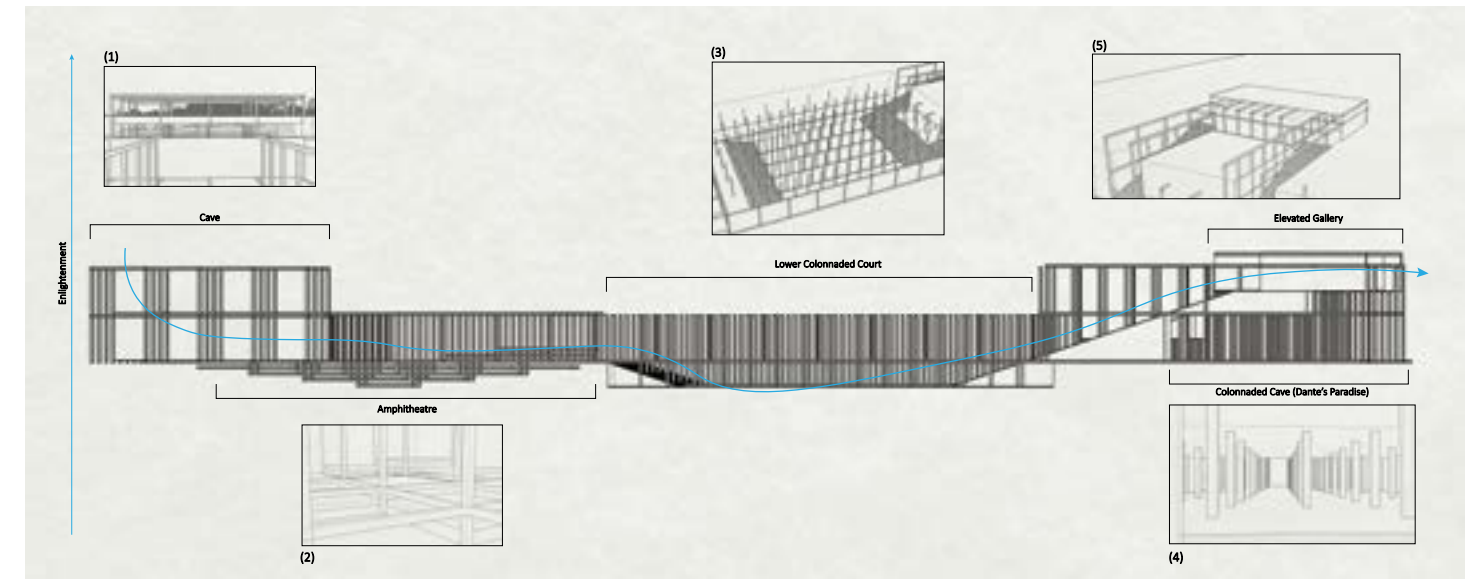


## The Quarry Rationalist Museum

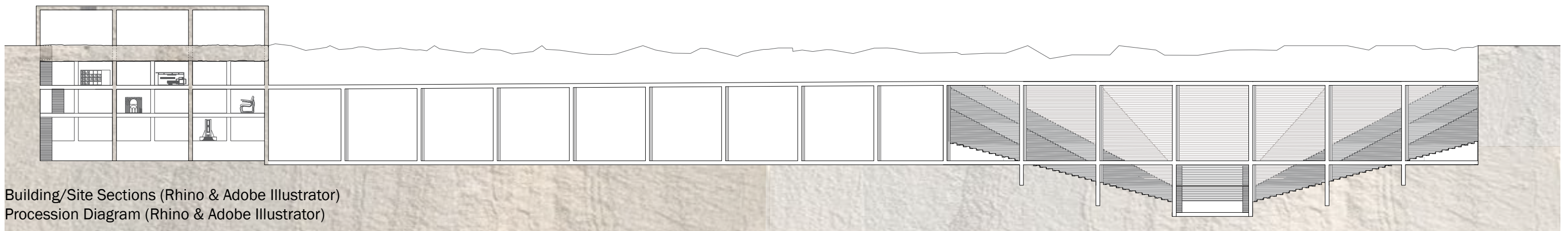
A museum for drawings, models, and lectures set in the depths of Skytop Quarry in Syracuse, NY.

This project is a museum meant to display the works of Italian Rationalist Architect Giuseppe Terragni. Through conceptualizing the rationalist approach to traditional Roman forms like the loggia, amphitheatre, colonnade, and garden.

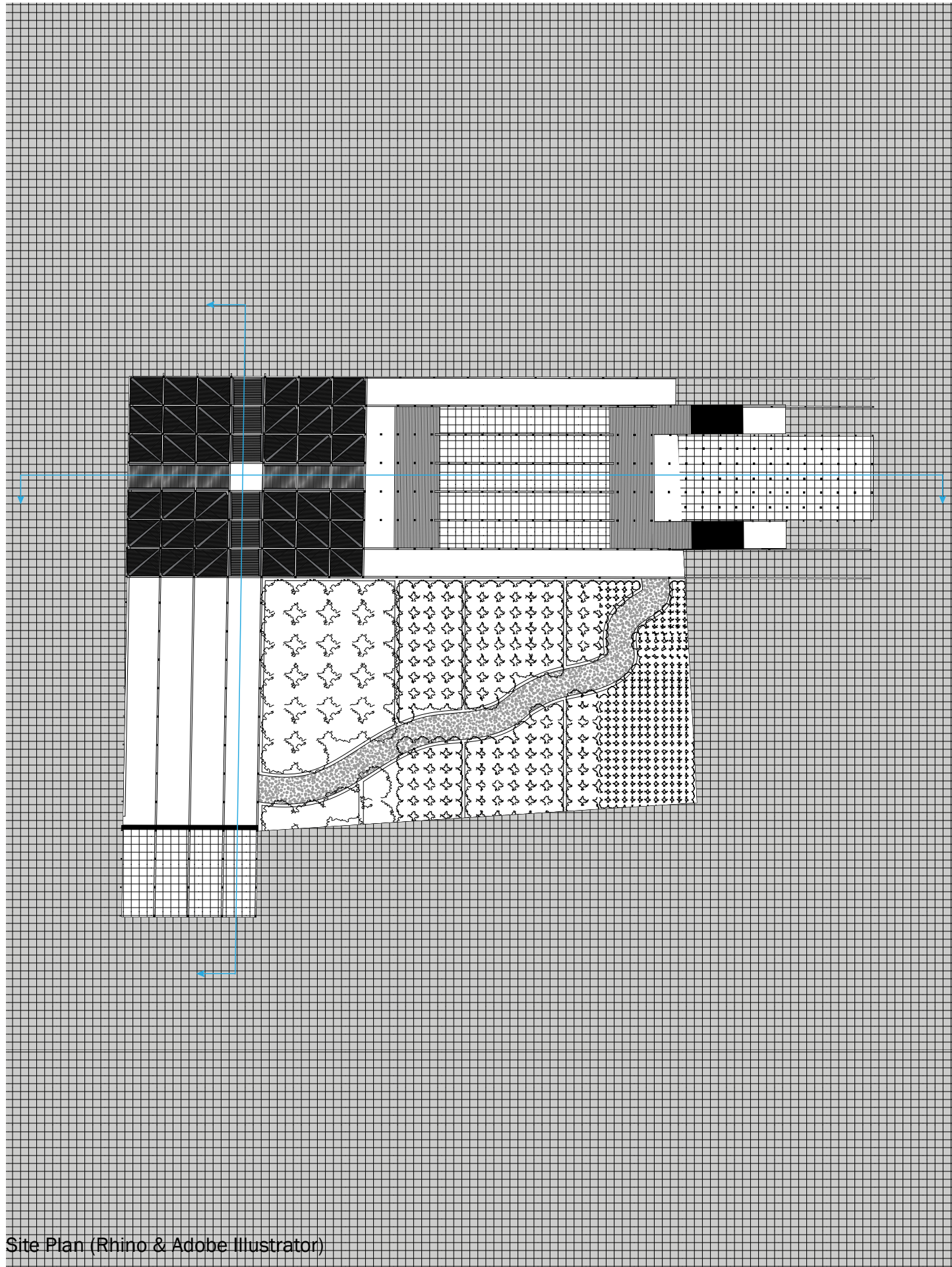
Visitors of the museum learn about the architecture through a procession of spaces. Starting at a low point within the rock of the quarry is the model gallery. This procession is shown in the diagram of views on the next page.



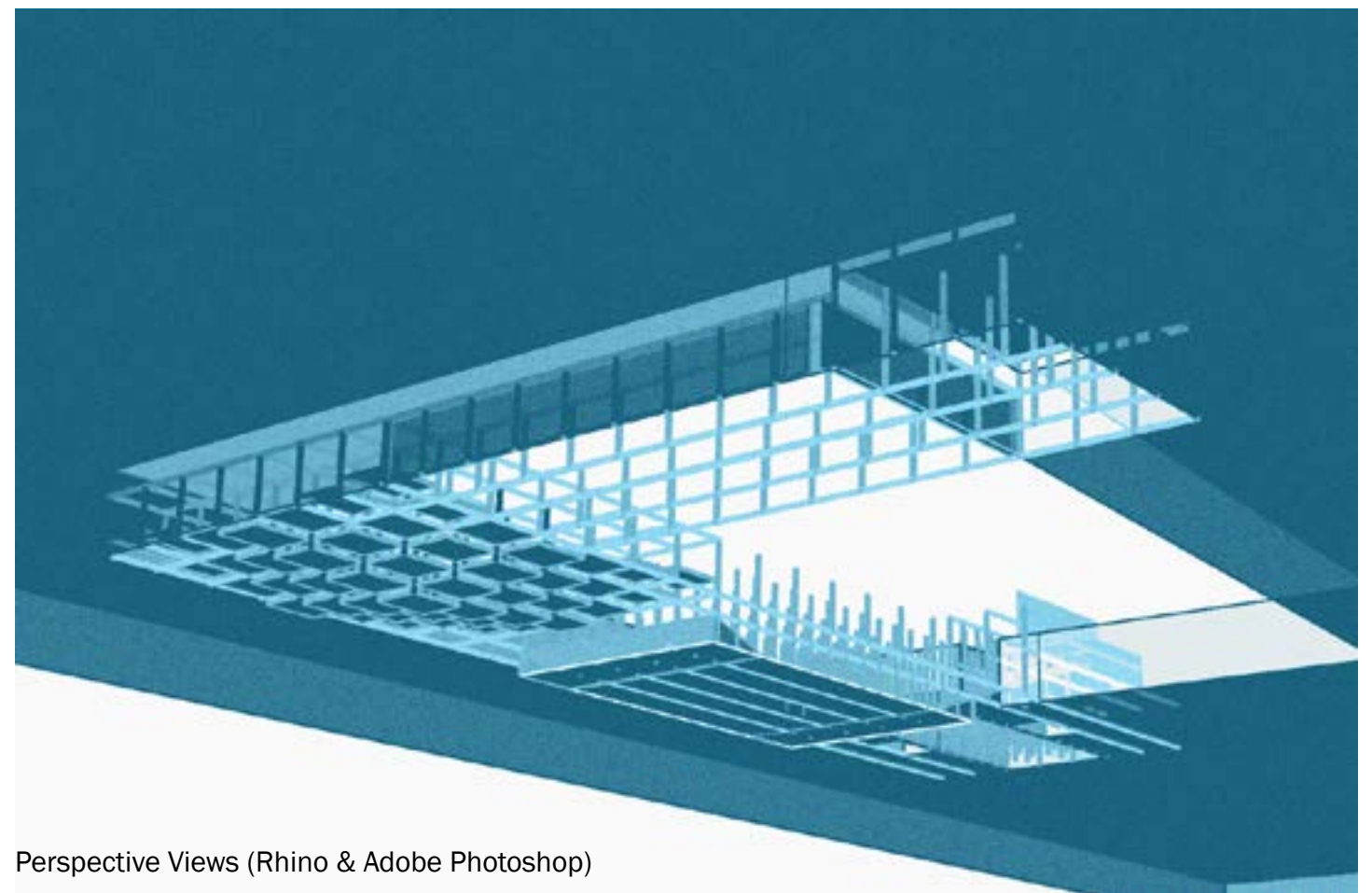
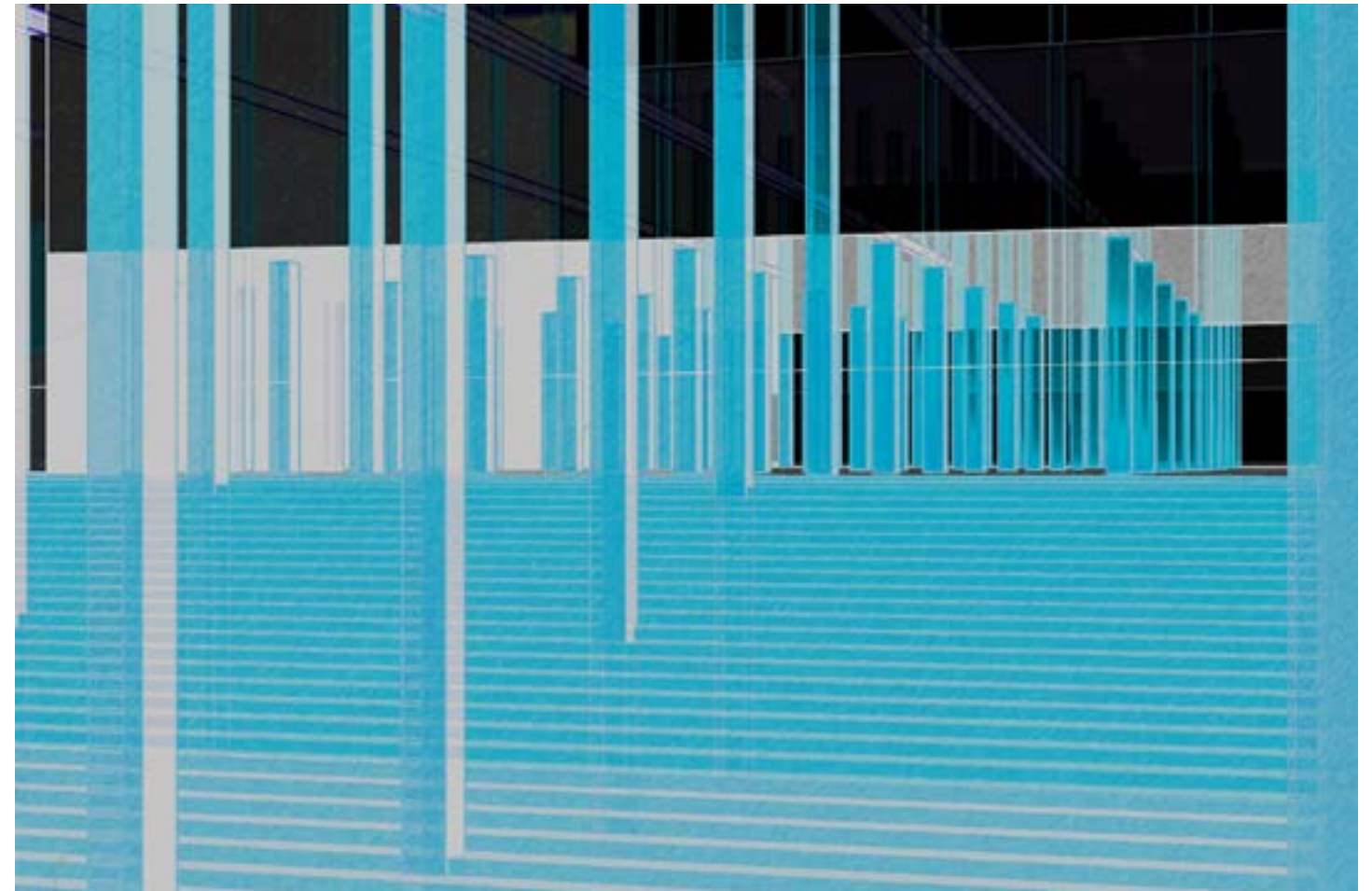
Next proceeding through the loggia visitors can be lectured in the amphitheatre or skip the lecture via the garden path. Through the colonnaded court and up the stairs to above the quarry is the drawings gallery for a final understanding.



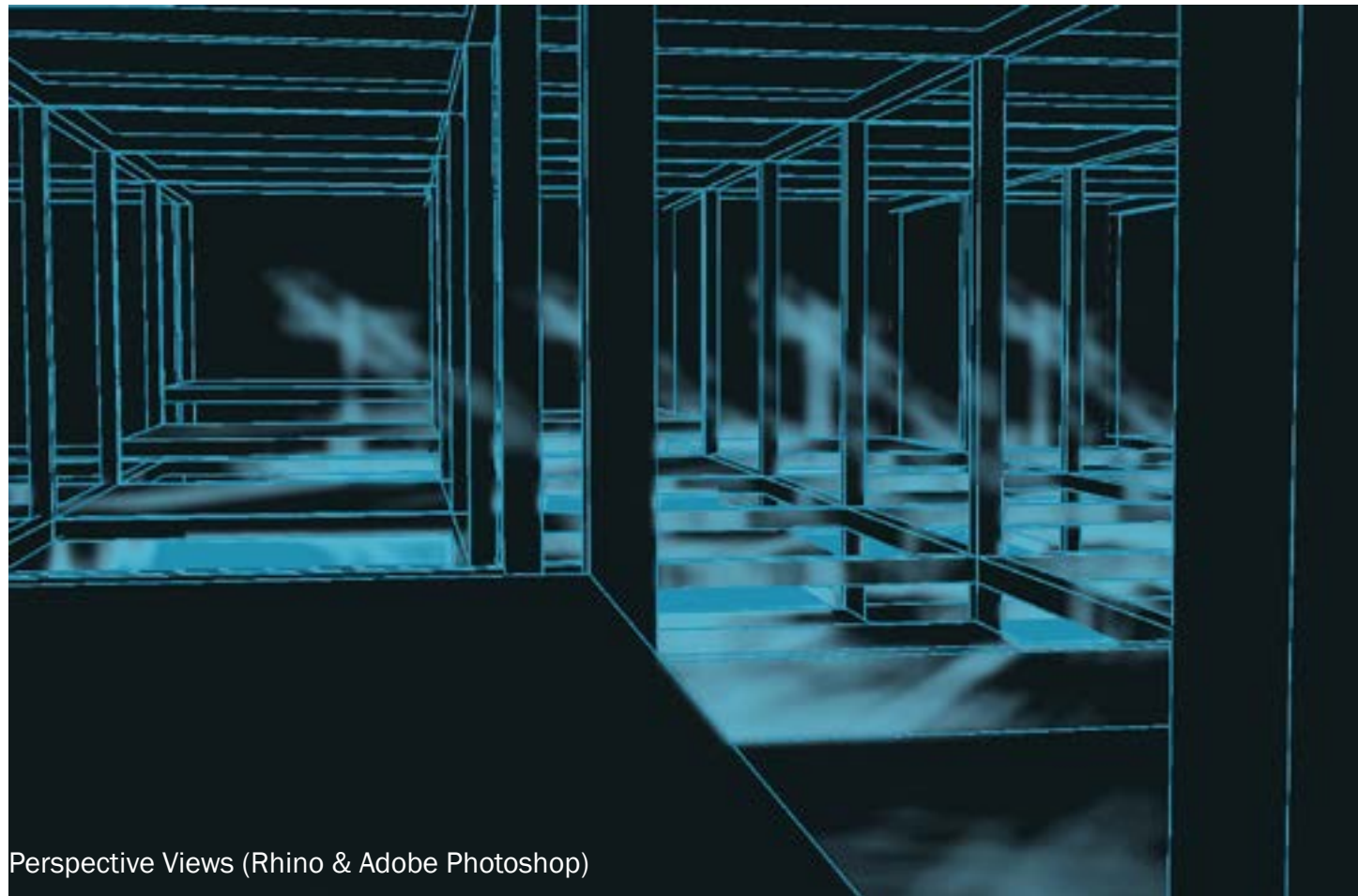
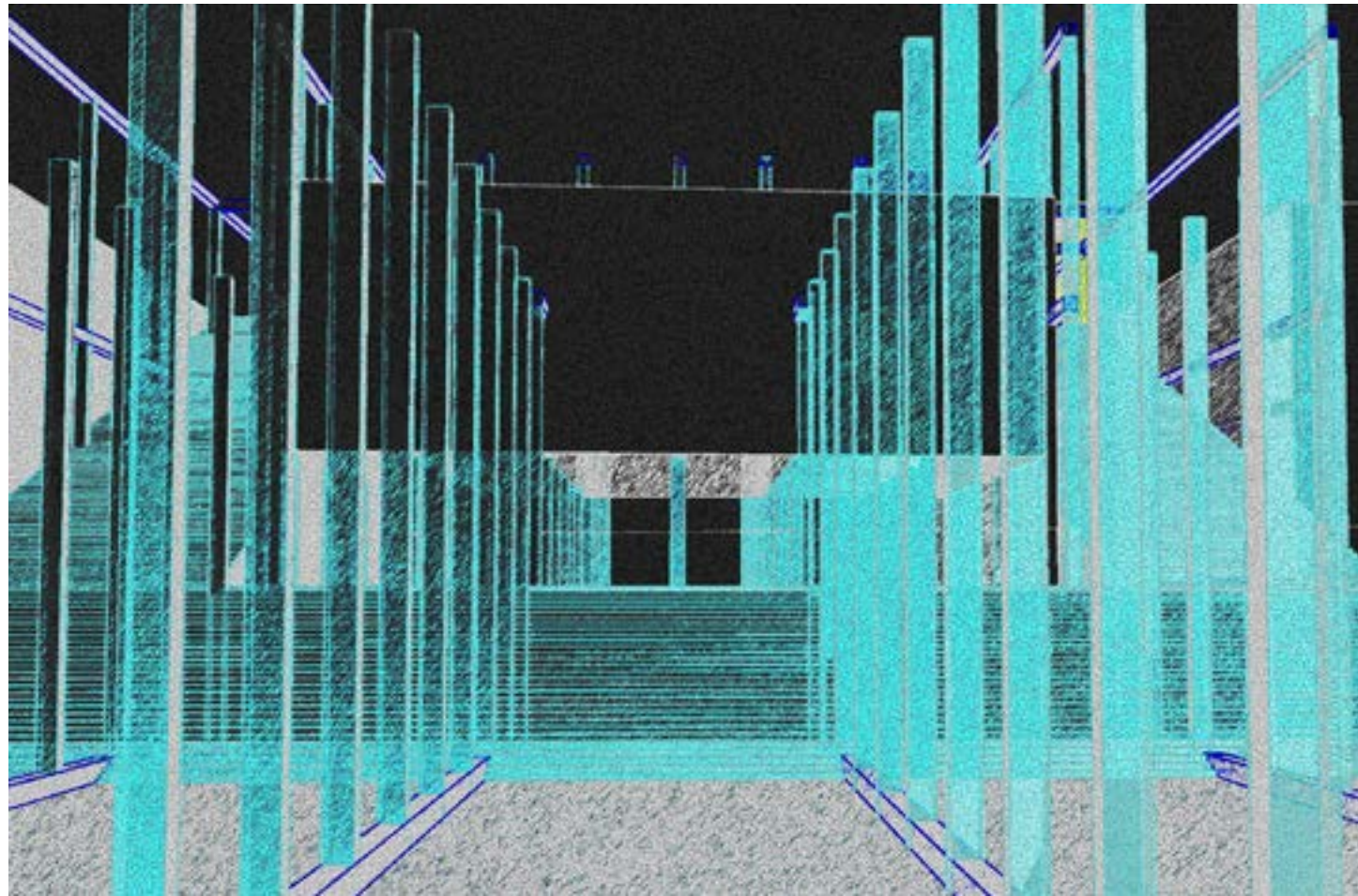
Building/Site Sections (Rhino & Adobe Illustrator)  
 Procession Diagram (Rhino & Adobe Illustrator)



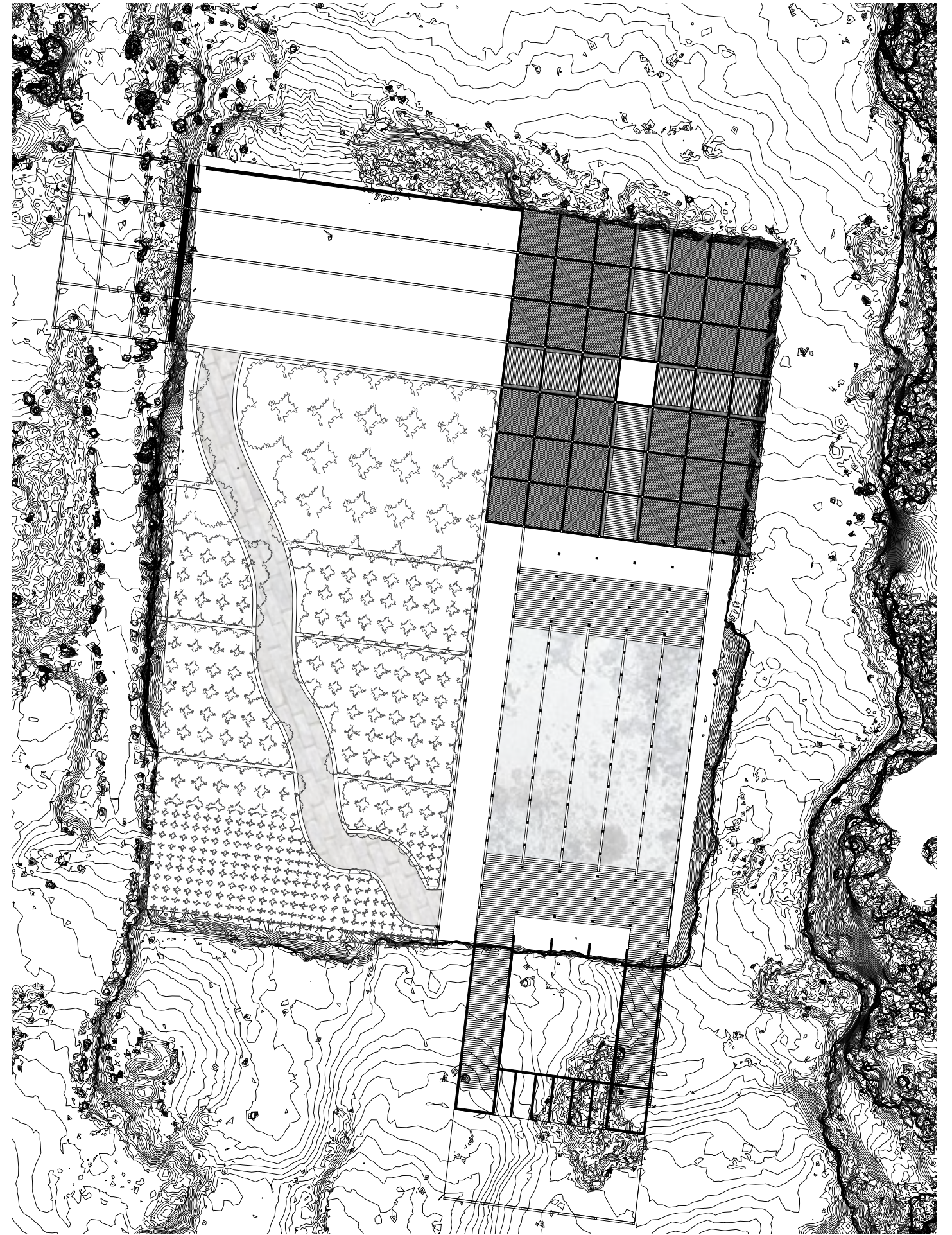
Site Plan (Rhino & Adobe Illustrator)



Perspective Views (Rhino & Adobe Photoshop)

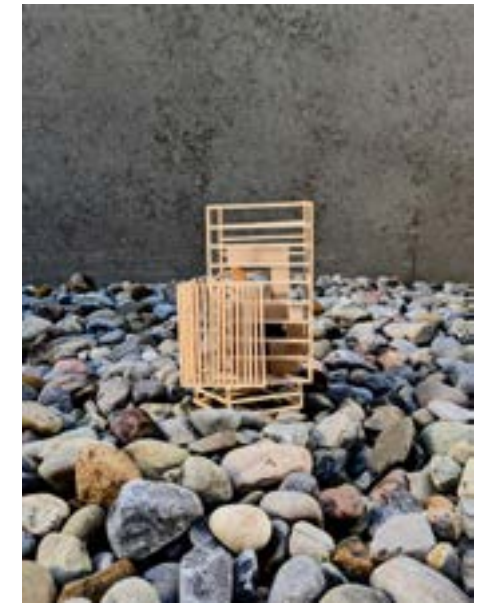


Perspective Views (Rhino & Adobe Photoshop)

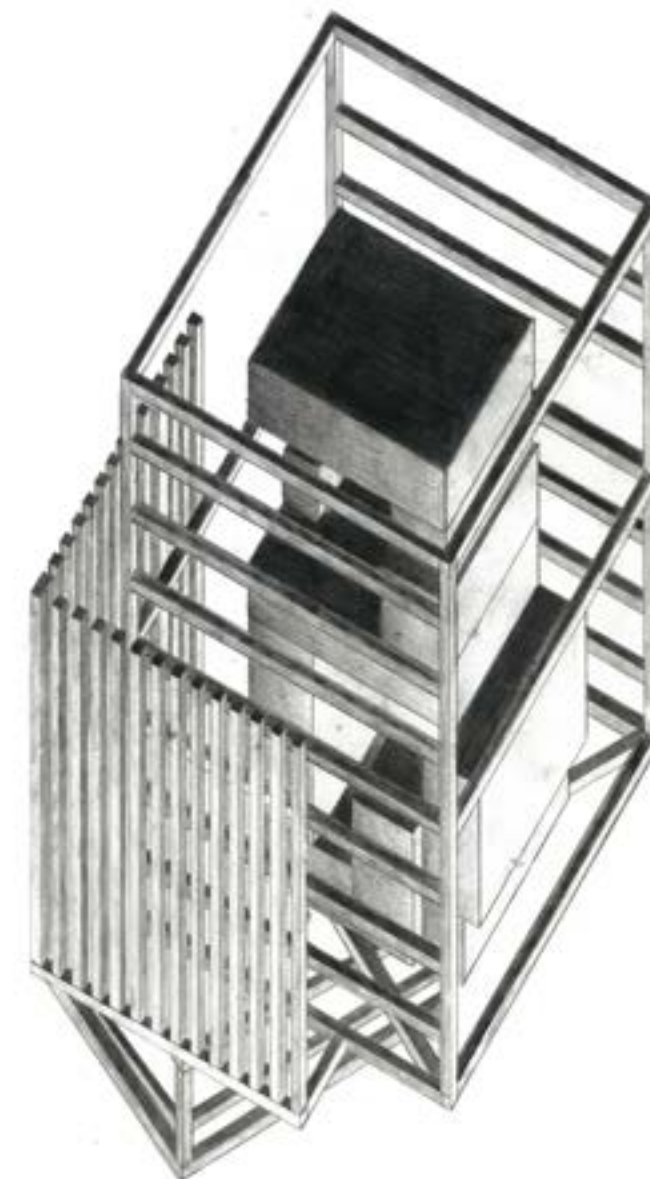


## Design Through Model Making

This model as visualized in photos and a handdrawn axonometric is the result of designing solely through iterative models. The final product is the concept for a personal library where the user has the option to retreat away from sunlight for more privacy.



Wood Sectional Model (1'00" = 1/4") of Model Gallery within Quarry Walls

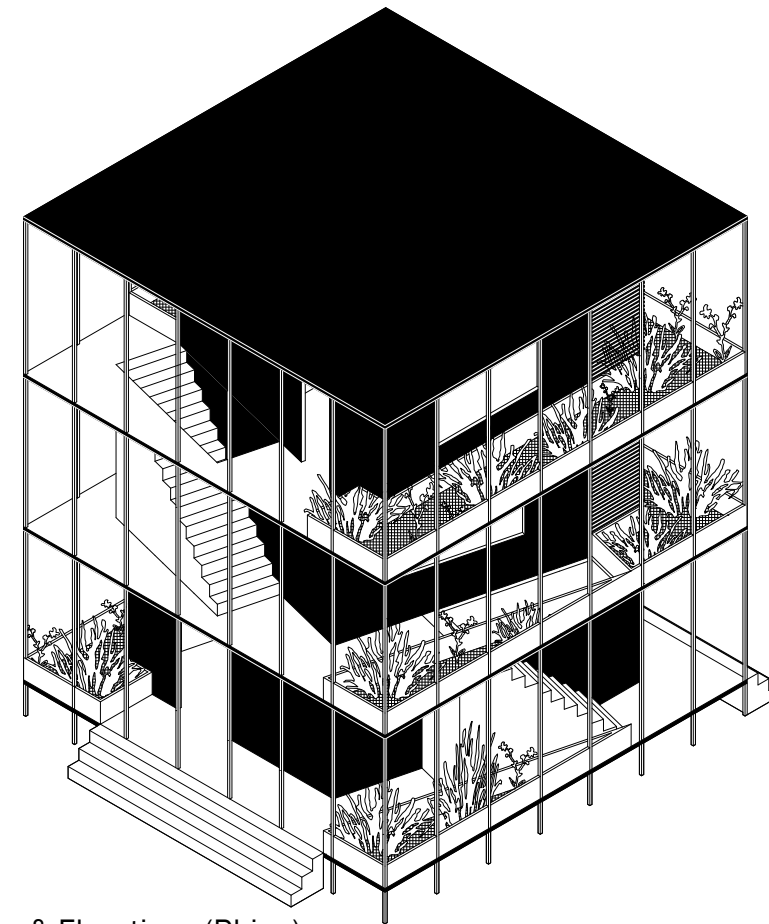


Model and Axonometric Drawing (1'00" = 1/8")

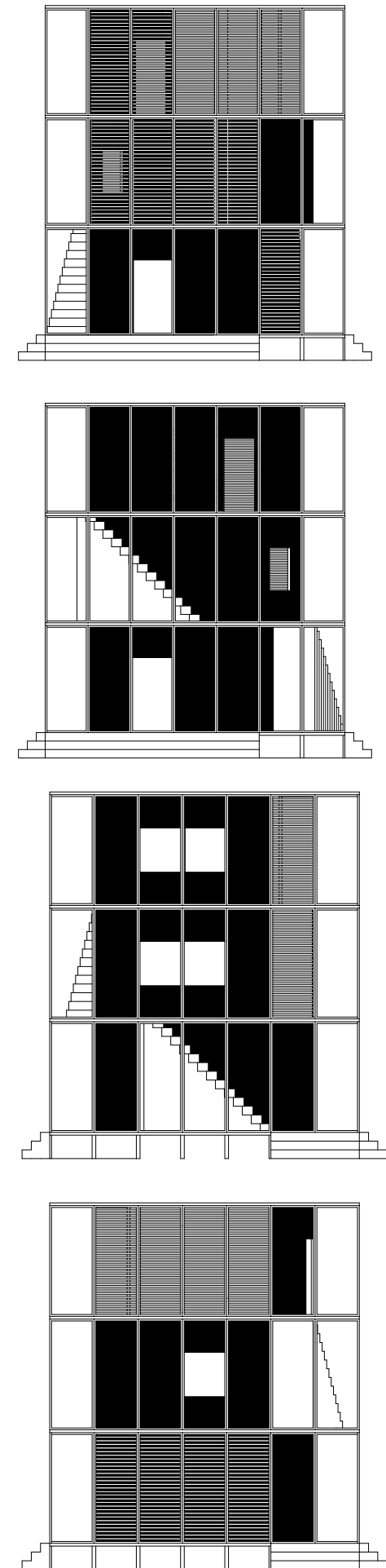
# The Retreating Studio

An isolated artist's retreat with a first level gallery and sculpture garden as well as two residential studios.

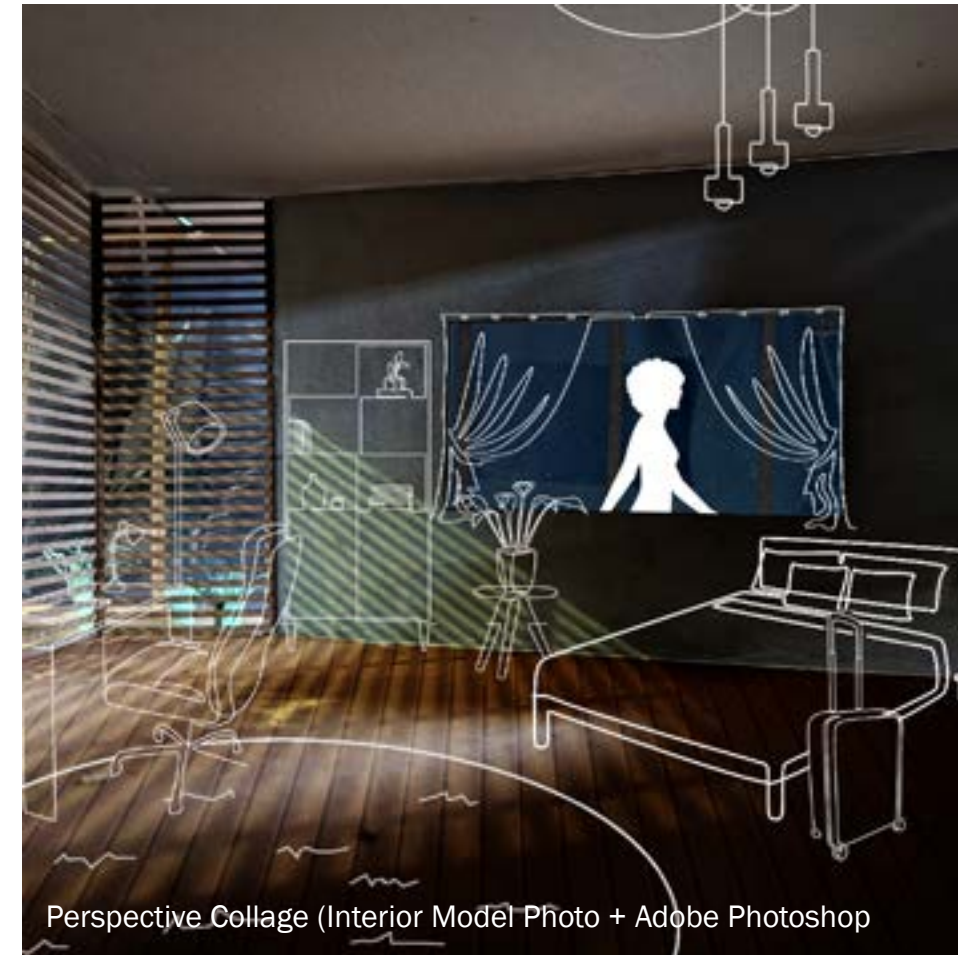
This project is a result of transforming studies of O.M Unger's' House without Qualities. It is a multipurpose art studio & gallery meant to house artists on a fellowship. Each floor breaks up the original geometry of the study in its program space and lets light in with an exterior shell. The plan is set on a grid redefined by the diagonal walls.



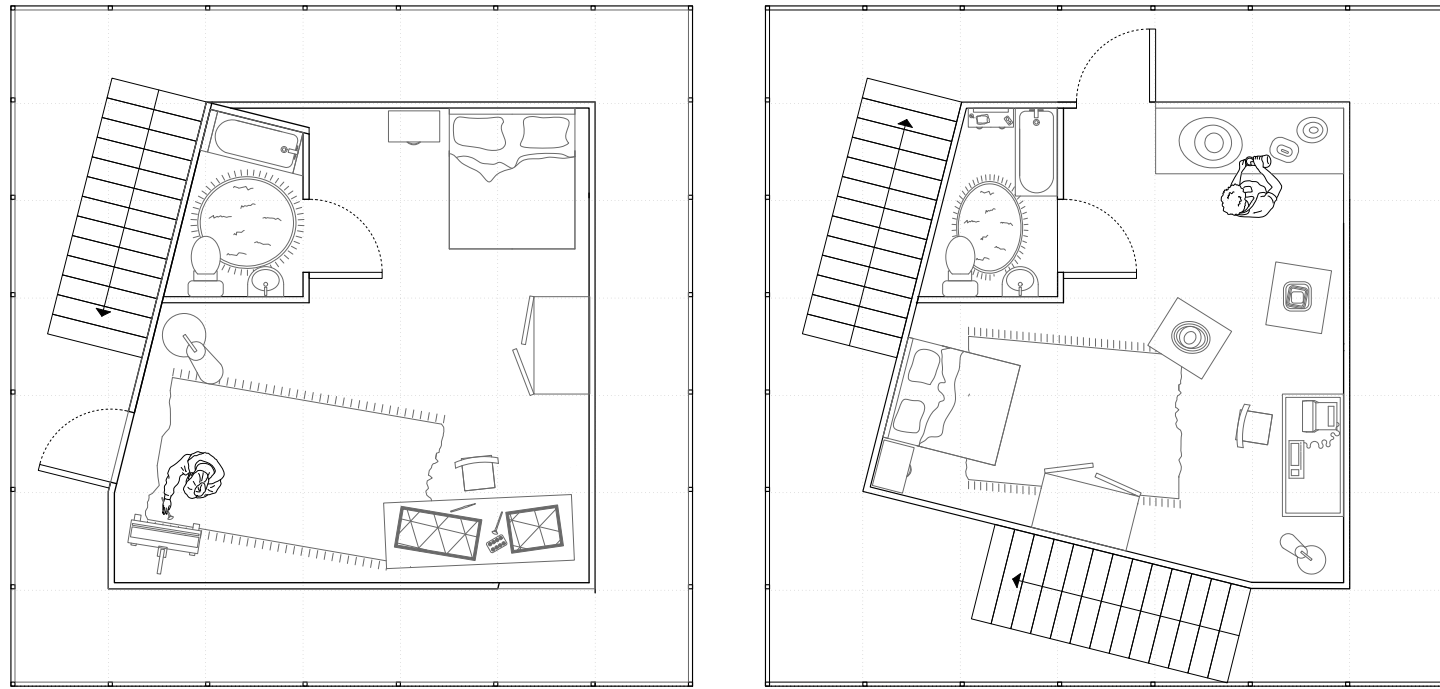
Oblique & Elevations (Rhino)



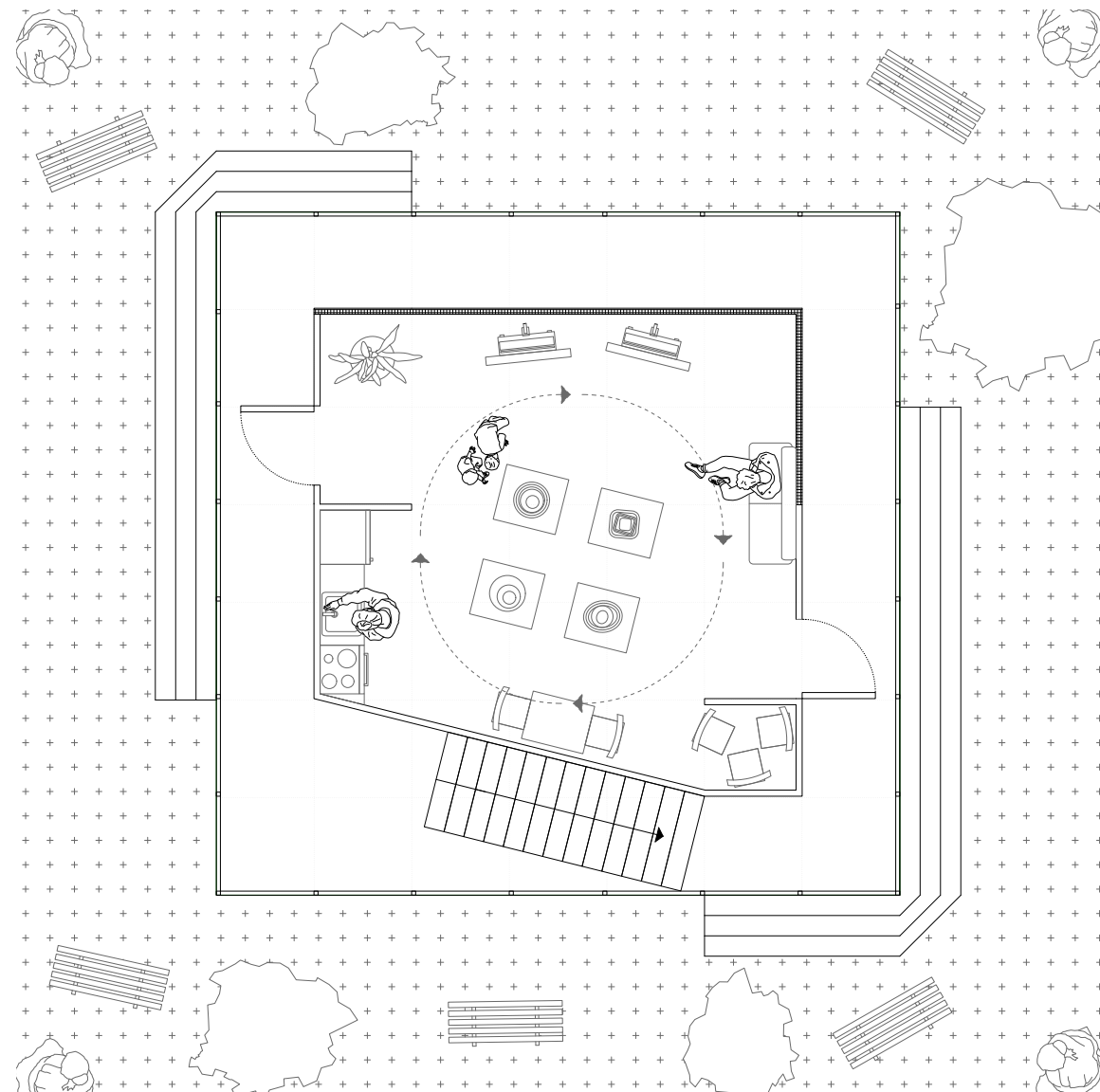
Chipboard Models (Left) The Retreating Studio / (Right) The House Without Qualities



Perspective Collage (Interior Model Photo + Adobe Photoshop)



Site Plan & Floor Plans (Rhino)



## SPORTS Representation Collages

These collages visualize the SPORTS Collaborative's ROUNDS project through the styles of drawings by Fala Atilier and Balkrishna V. Doshi



Render Collages of SPORTS Collaborative - ROUNDS (Rhino & Adobe Photoshop)  
 Top Style Credit: Fala Atilier & Bottom Style Credit: Balkrishna V. Doshi - Drawing of Sangath (1984)



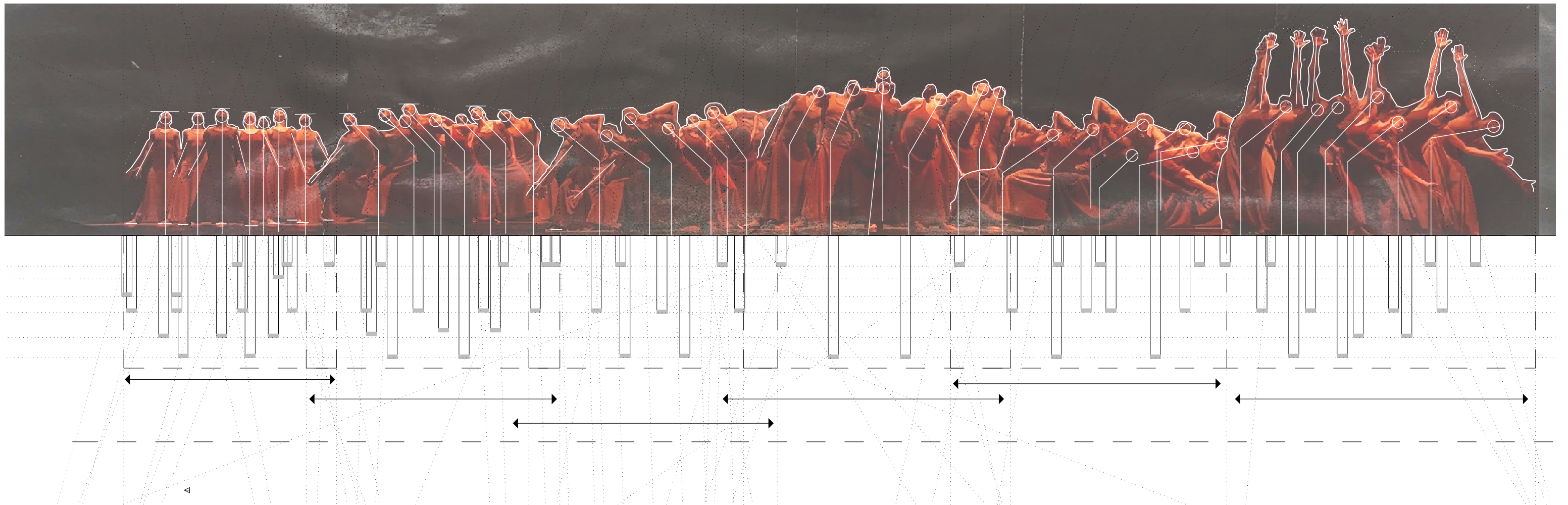
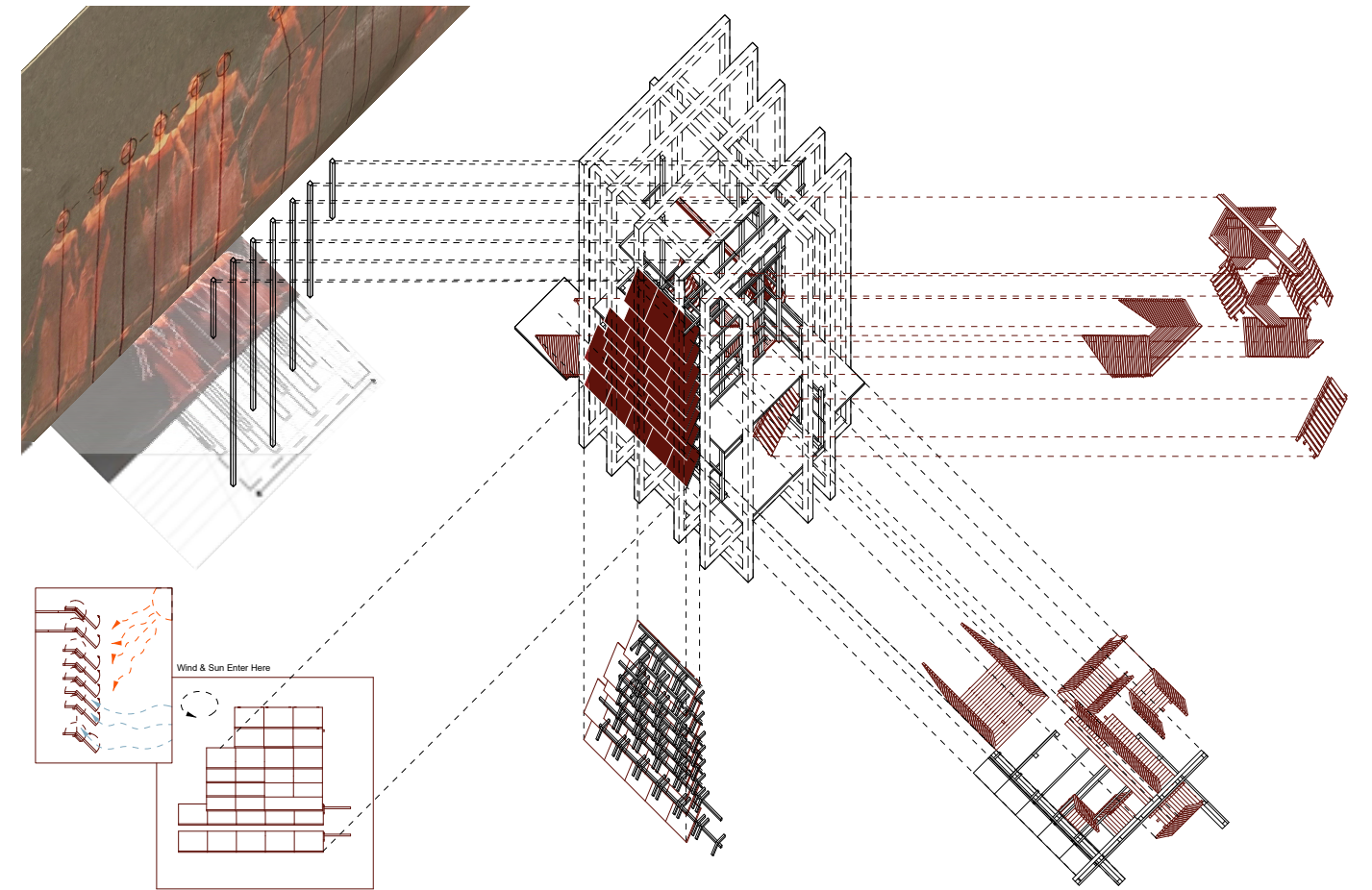
# Shuttered Park Tower

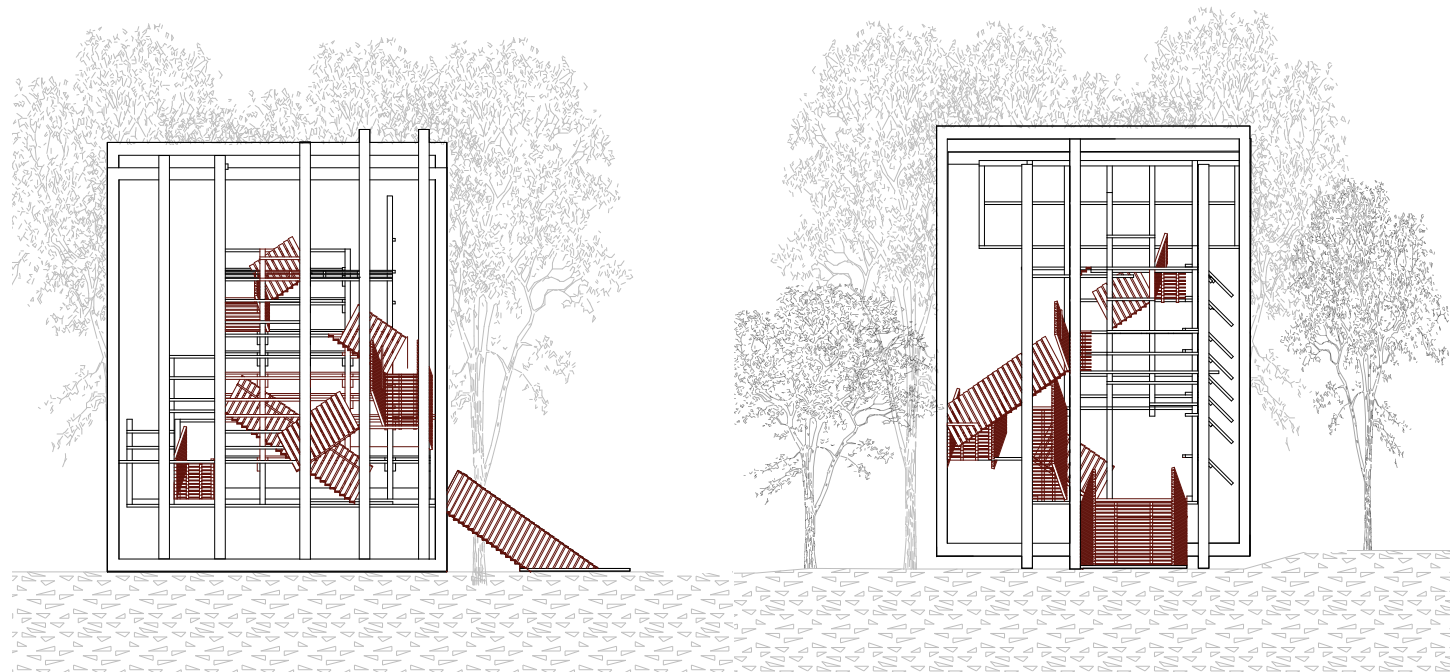
A tower for viewing flora and fauna at Thorden Park in Syracuse, NY.

This project is the product of the analysis of dancers bodies in the Alvin Ailey Dance Company's performance titled 'Revelations'. The angles of the figures and arm placement developed into a facade shuttering system that filters sunlight and wind for peak conditions throughout each level of the tower.

Through iterations of models, the shutters from the dancers arms combined with a series of platforms based on the tempo of the performance to become the final form.

(Bottom) Choreography Analysis (Paper Collage & Rhino) / (Right) Analytical Axonometric (Rhino)





(Top) Elevations (Rhino & Adobe Illustrator) / (Left) Study Models / (Bottom) Site Plan (Rhino)



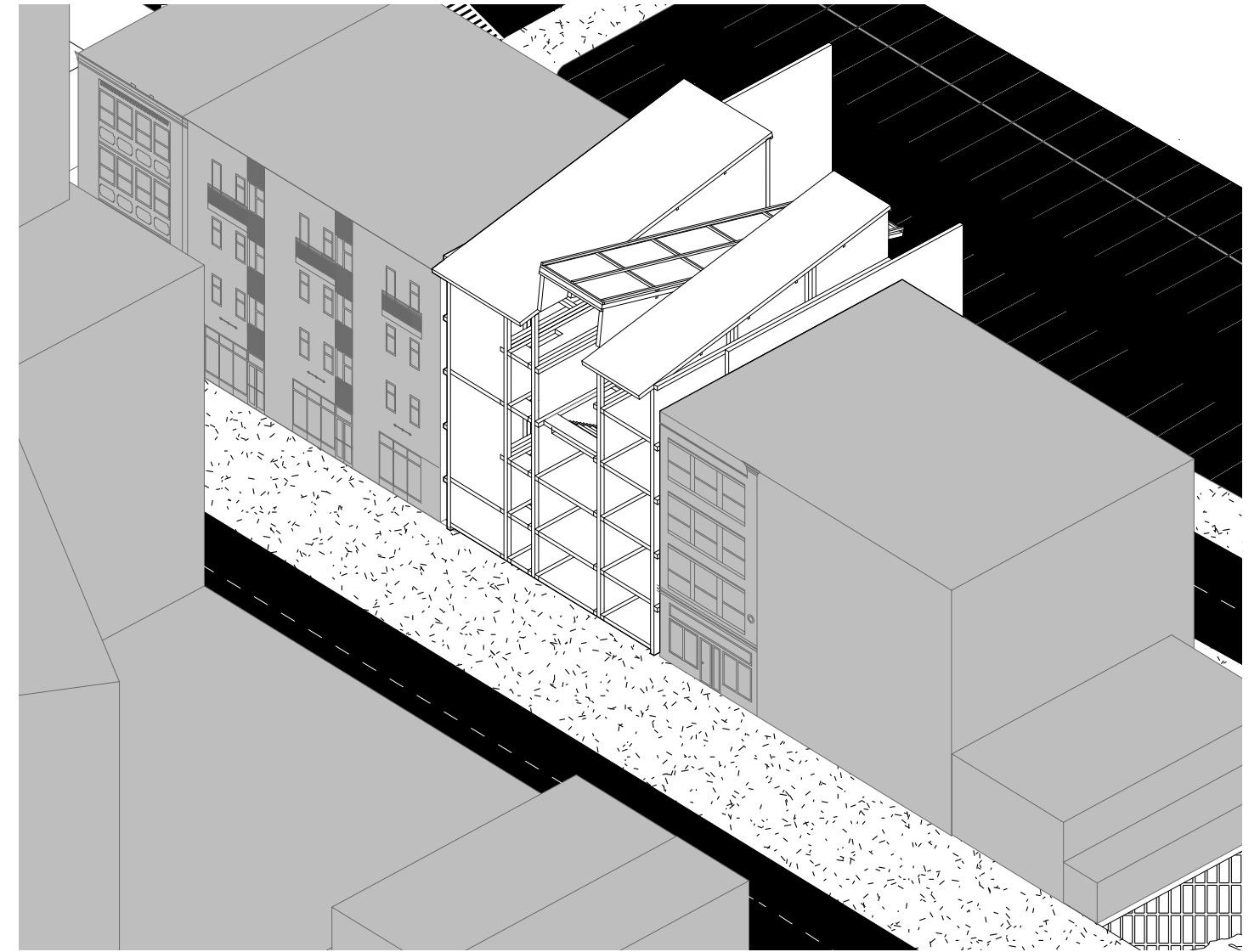
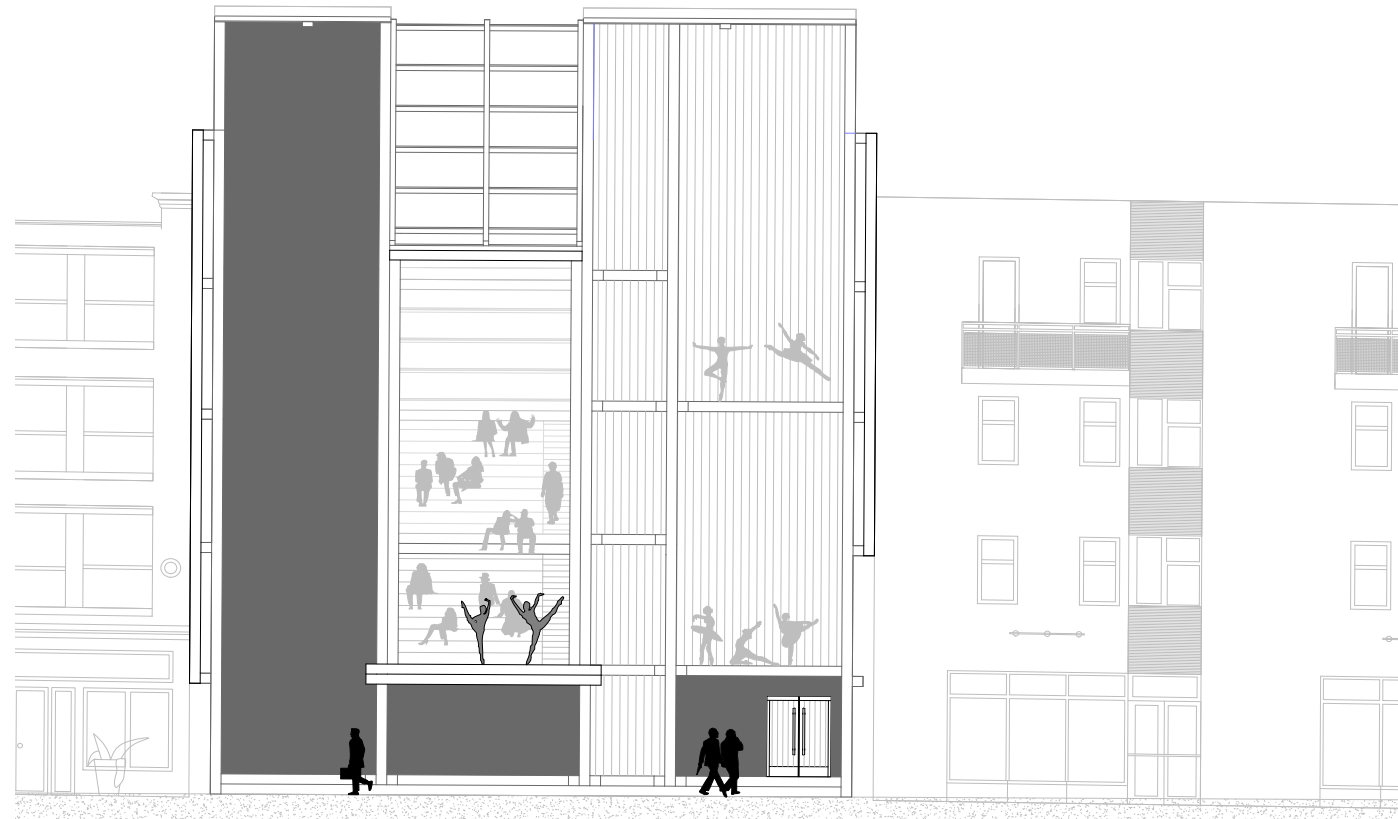
Final Model (1'00" = 1/4") (Basswood)

# The Stages Dance Performing Arts Center

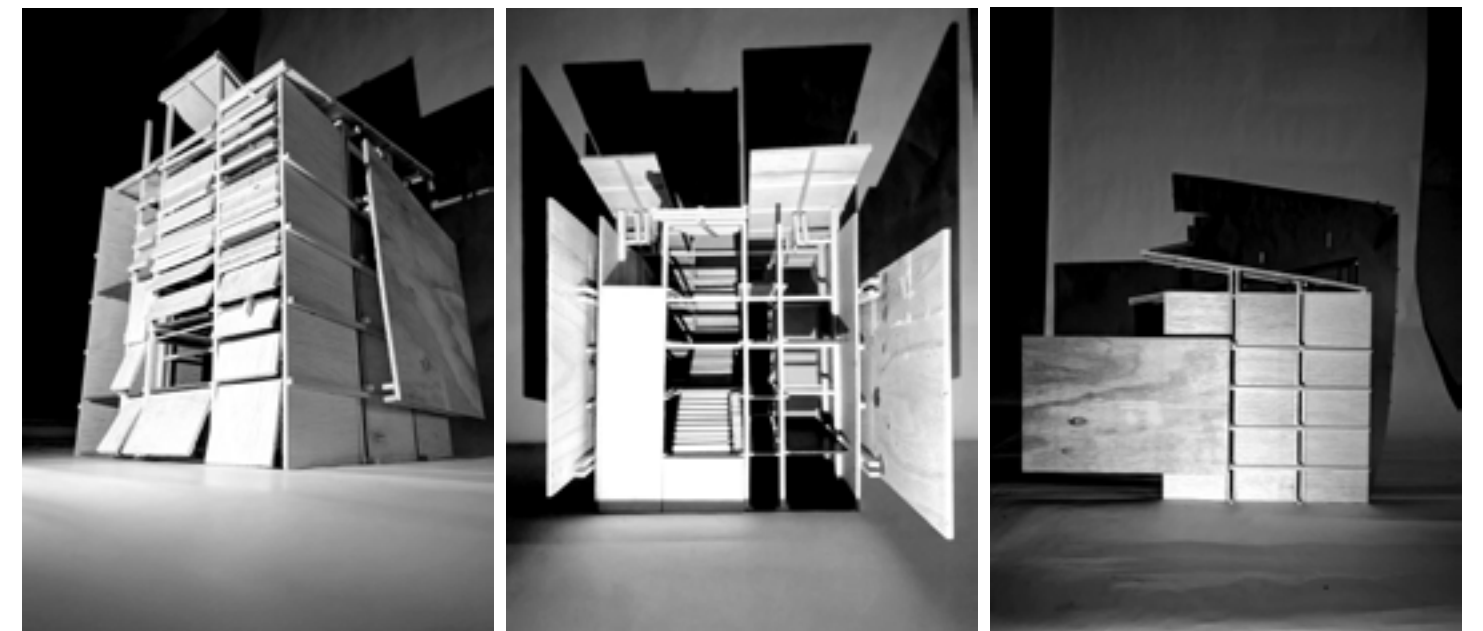
A performing arts center for dance practice and performance in downtown Syracuse, NY.

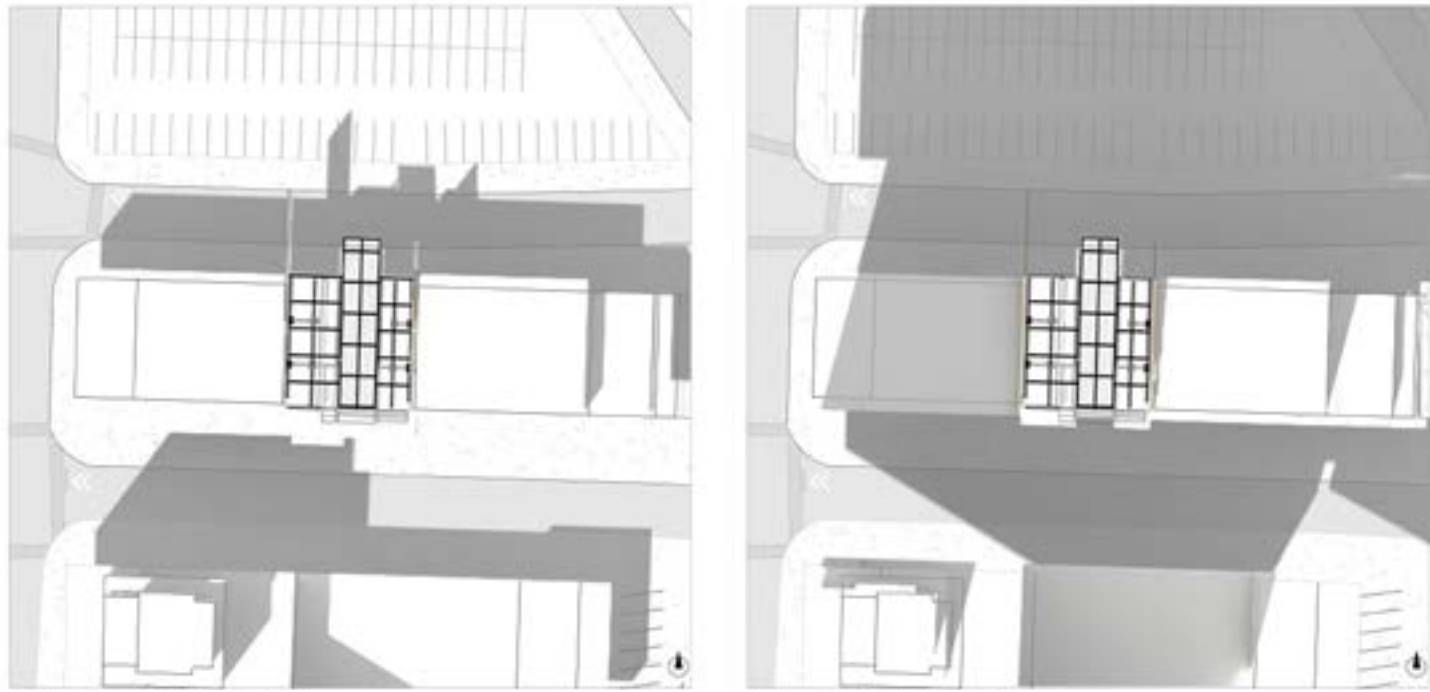
This project is the development of analysis of the axes of the site and surrounding buildings as well as an experimentation with the overall parti. From elevation, it is divided between four programs: preparation, performance, circulation, and practice. As the building focuses on the overall theme of dance, it re-utilizes the shuttering system from the previous dance analysis to separate public and private performance.

Site Elevation (Rhino & Adobe Illustrator)

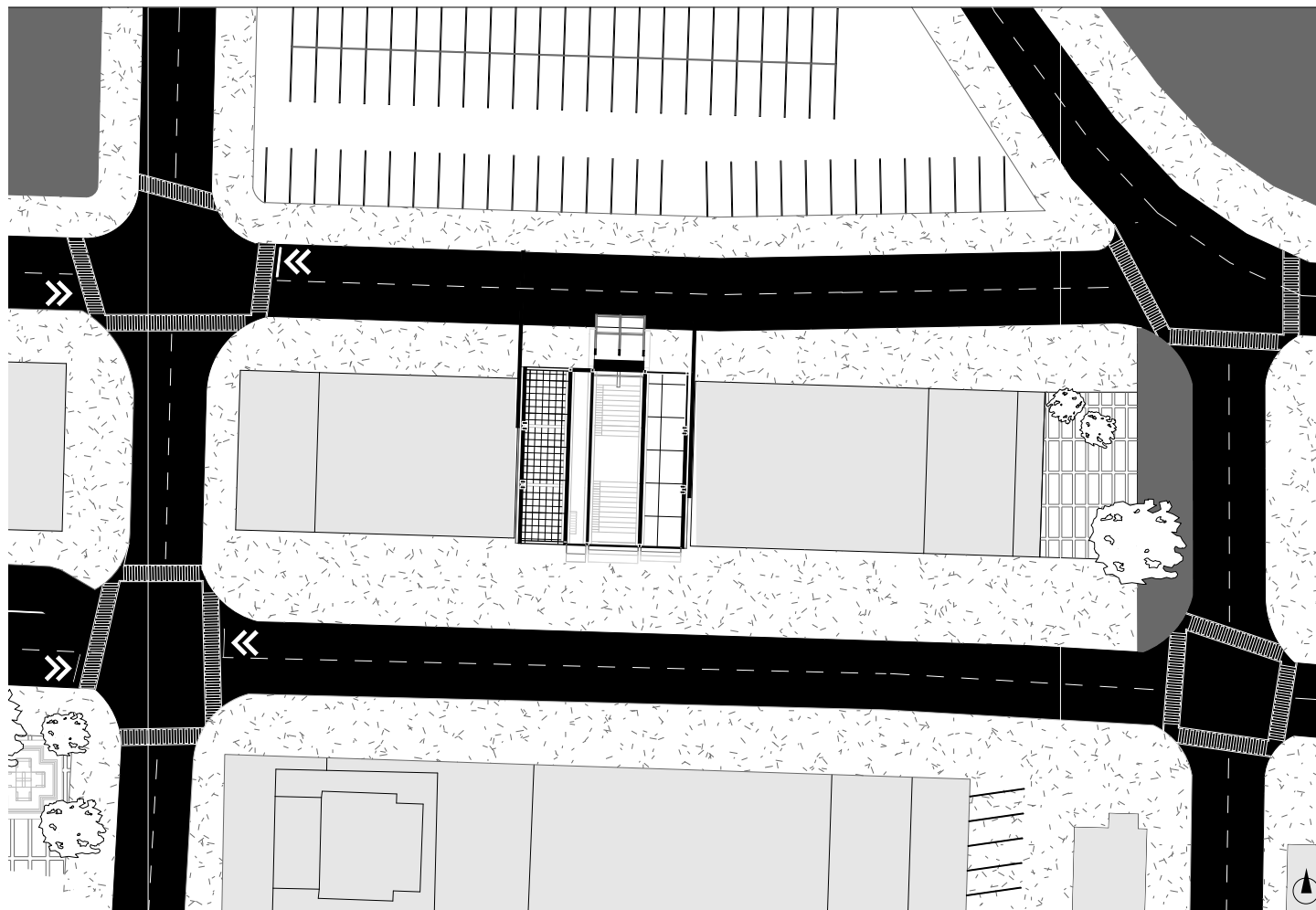


(Top) Site Oblique (Rhino & Adobe Illustrator) / (Bottom) Final Model Photos



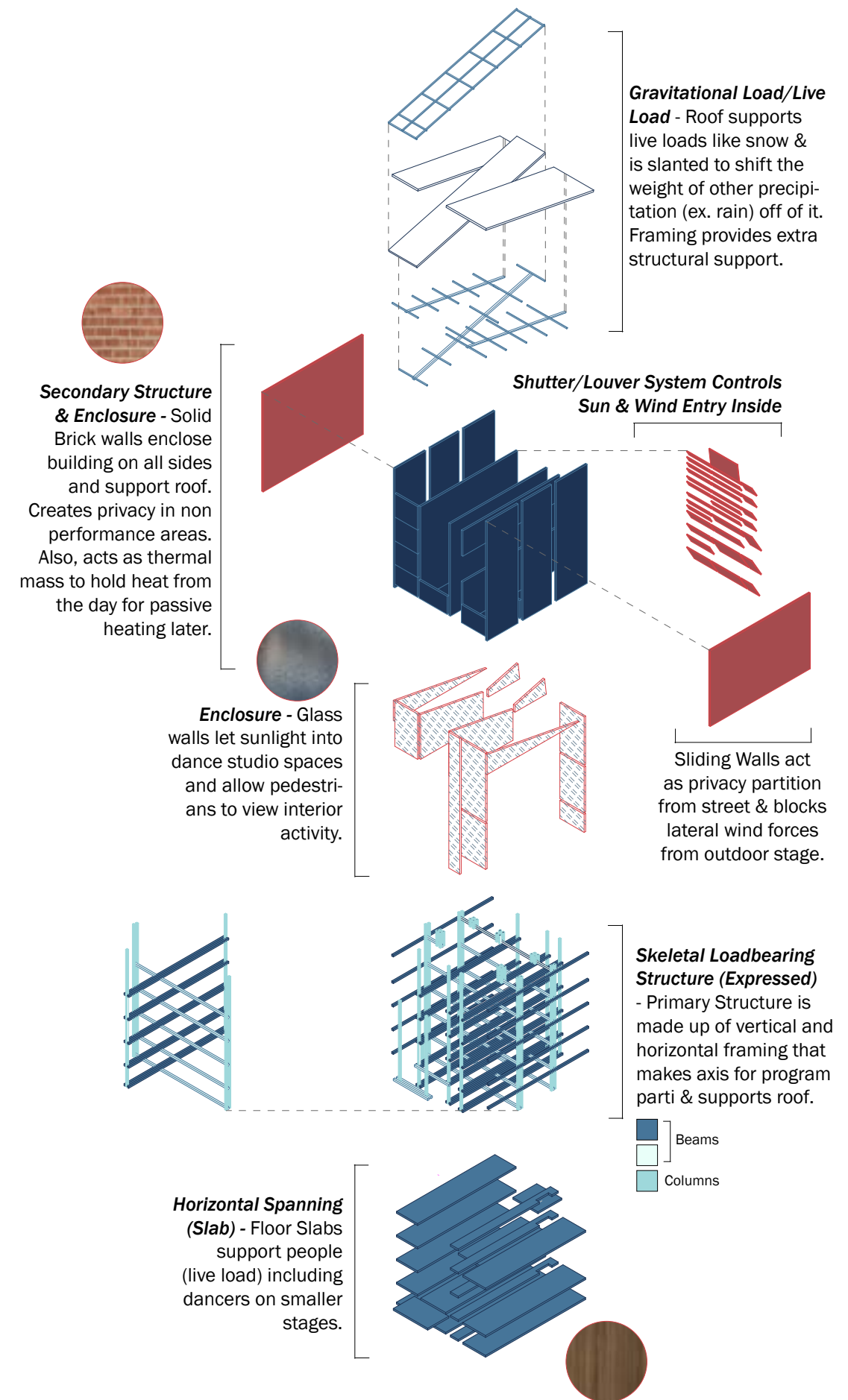
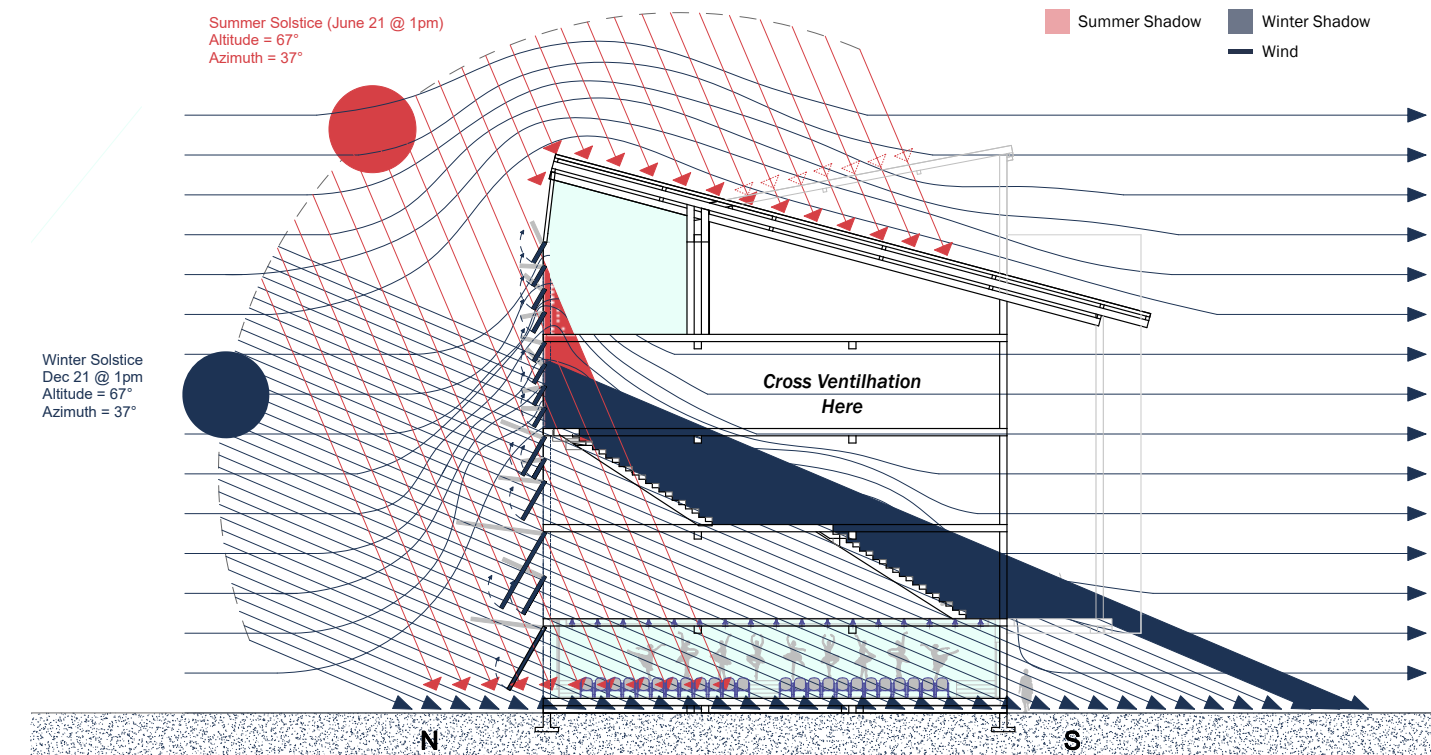
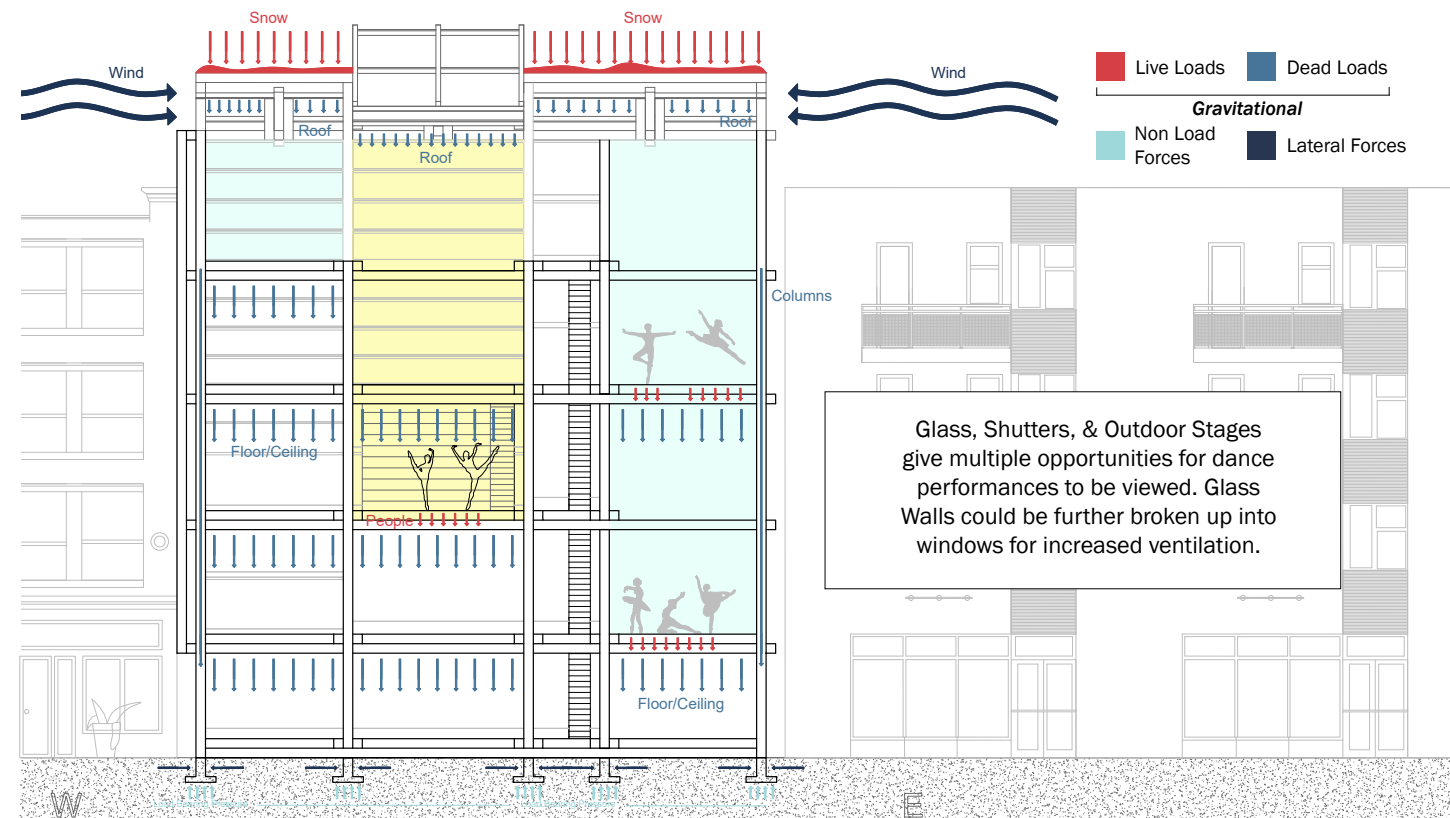


(Top) Sun Shadow Site Plans (Rhino & Adobe Photoshop) / (Bottom) Site Plan (Rhino)



# The Stages - Building System Analysis

This project is an analysis of the previous projects materiality, seasonal sun & wind conditions, and loads. In understanding the project relative to its site conditions, potential improvements to increase its site compatibility came about.

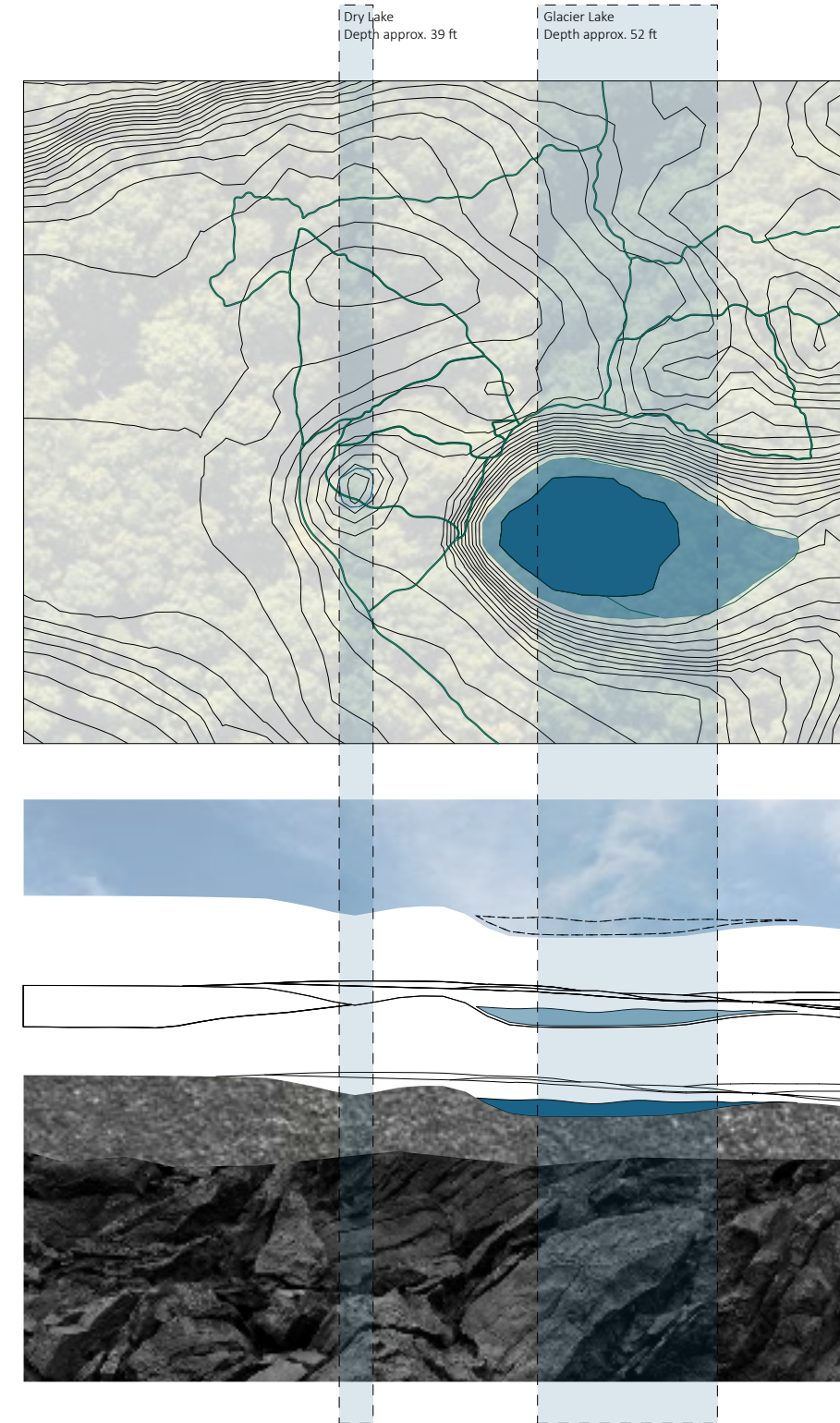
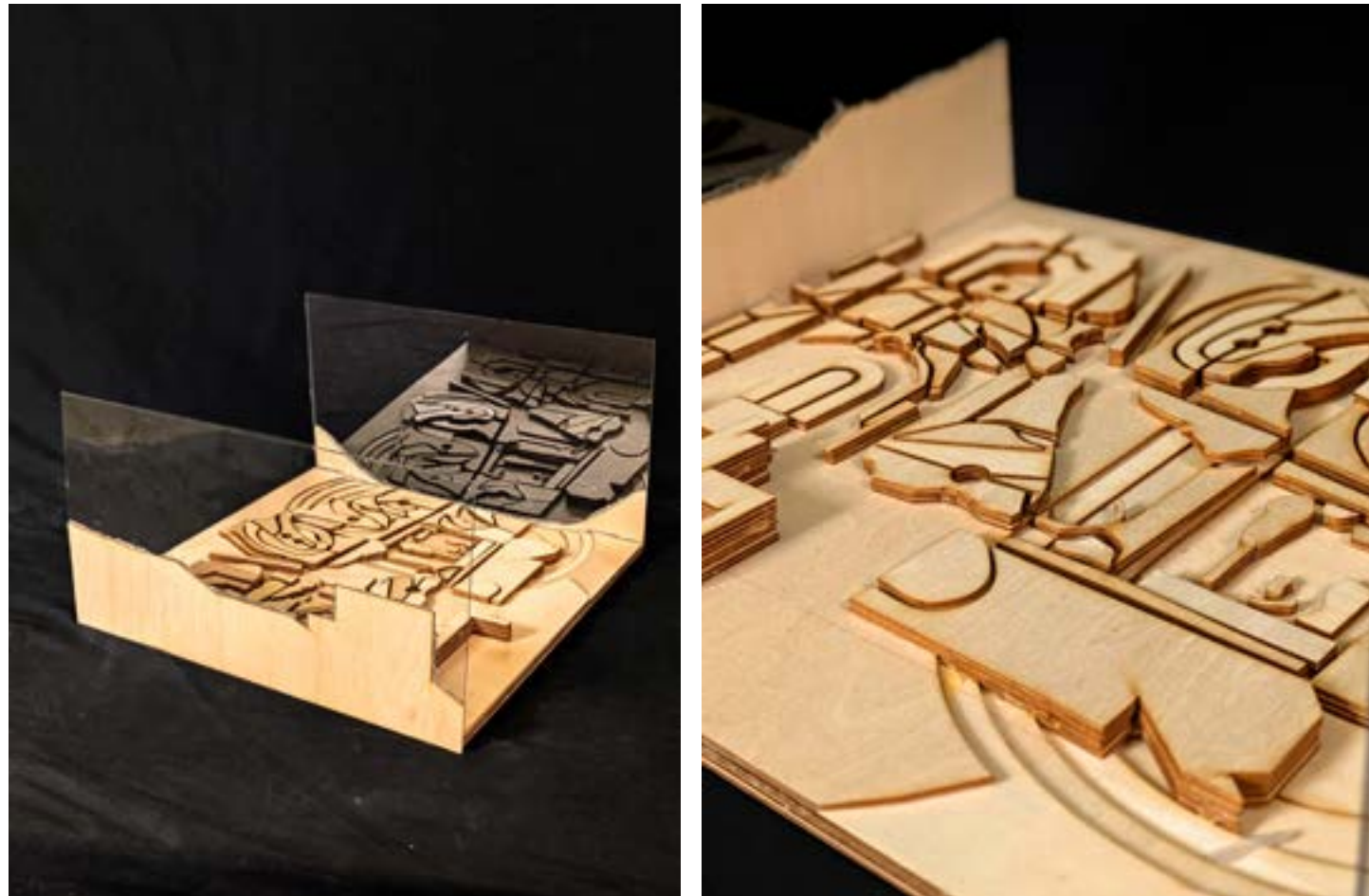


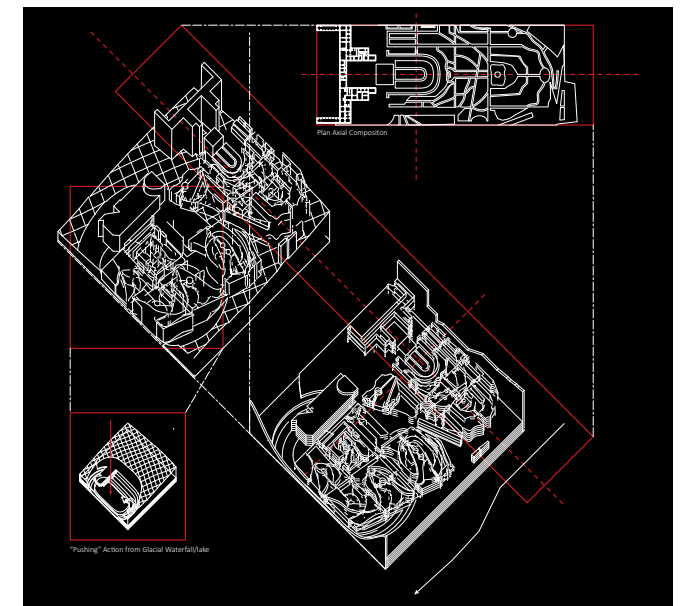
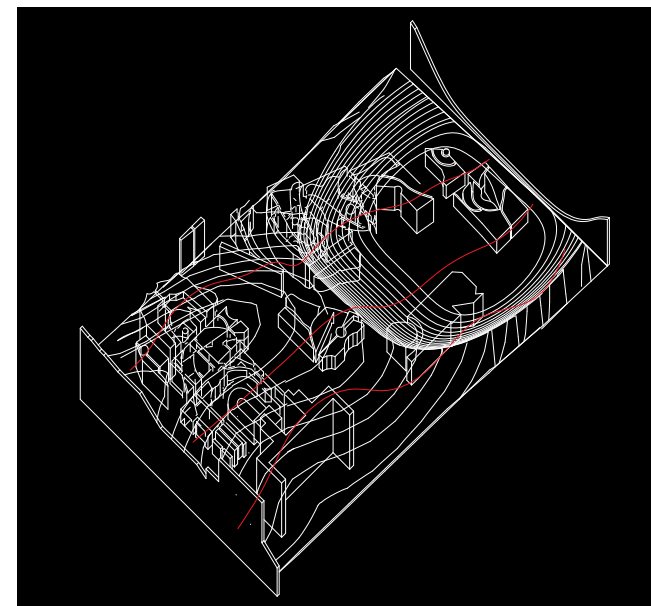
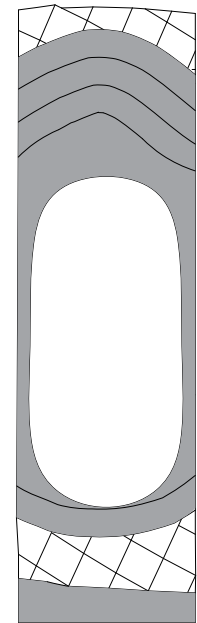
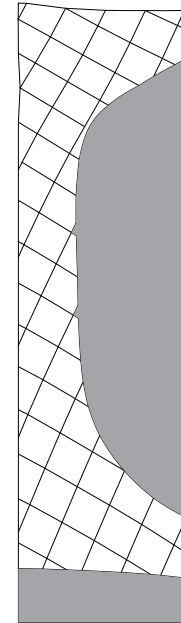
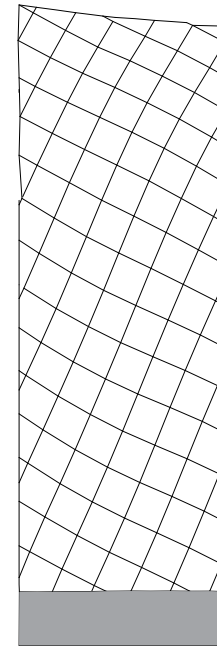
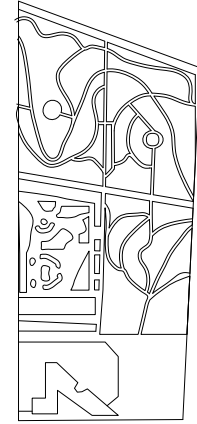
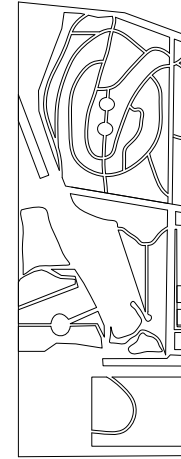
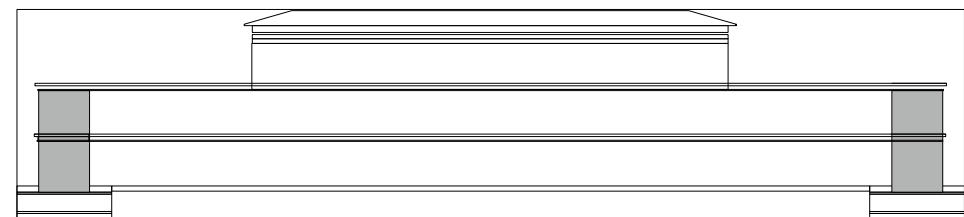
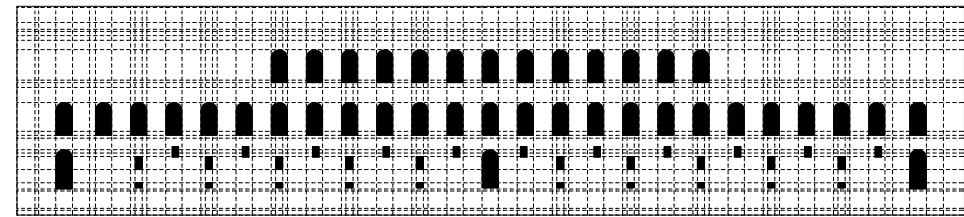
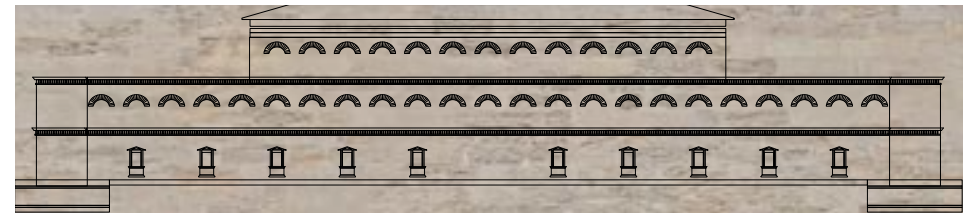
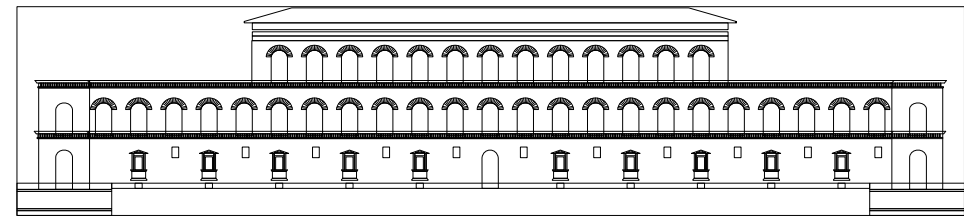
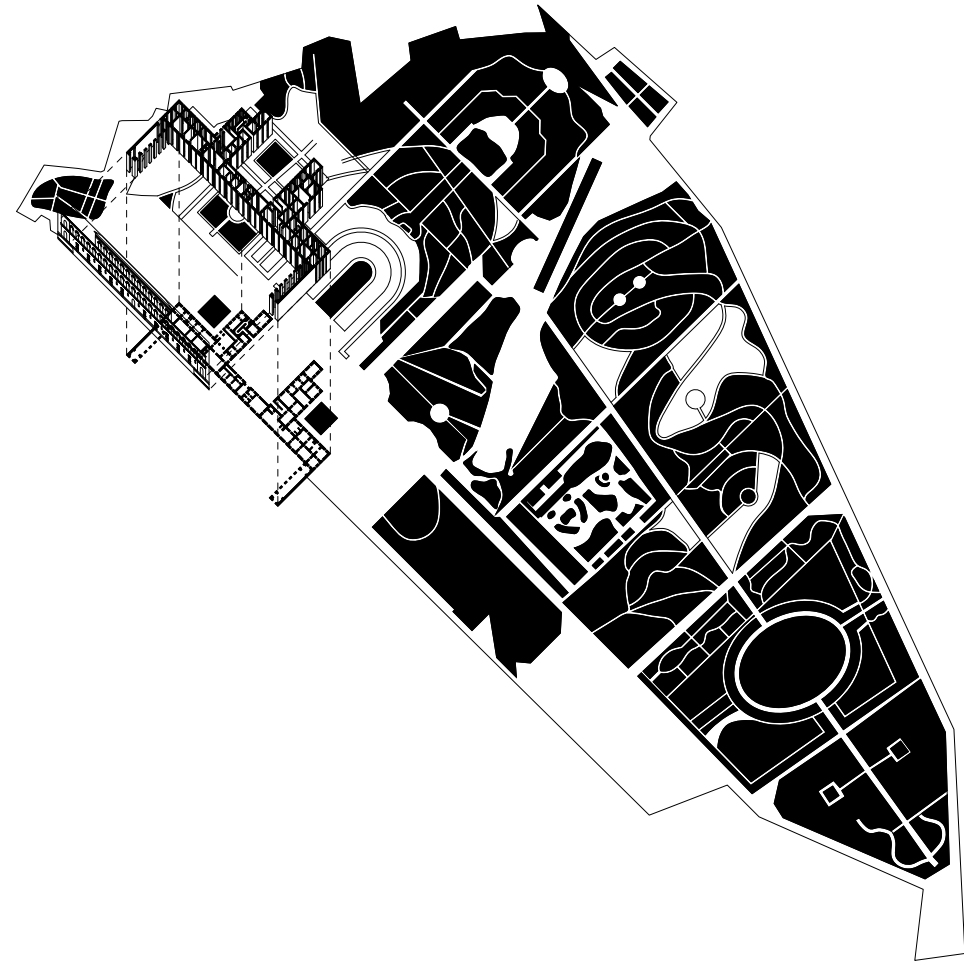
# Building-Landform Composite Transformation

A chunk model combining qualities of a landform and a building

This model represents the transformation of a chunk of the Boboli Gardens including Palazzo Pitti through the same process of erosion that formed the Glacial Lake at Clark Reservation State Park in Jamesville, NY. It shows the changing contour of the silhouette of Palazzo Pitti to the form of the lake.

Building + Landform = Model Chunk





## Selected Art Works

These are a selection of pieces completed outside of the discipline of architecture that have contributed to my understanding of space.

(Bottom) Zibo OCT Art Center  
China - Graphite Pencil

(Right) Self Portrait - Ink

30 E 29th Street NYC -  
Oil Paint

Self Portraits with Computer - Ink

