



Kansas City Art Institute

"Harmony in Performance" Wellness Center

"Harmony in Performance" for KCAI Wellness Center

Intentions

Site Integration: Blend the Wellness Center naturally with the campus, considering circulation and green spaces. Optimize sunlight exposure and ventilation based on site features.

Social Engagement: Use flexible designs to create adaptable spaces for various social activities.Design areas that can evolve to meet the community's changing needs.

Passive and Active Support: Use passive designs like insulation and daylight for silent support. Include engaging features like collaborative studios and interactive exhibits.

Architectural Tradition: Incorporate dynamic elements like movable walls responding to environmental conditions. Explore kinetic features for an architectural performance.

Sequences and Transitions: Guide users through wellness spaces with intentional layouts.

Create thresholds for anticipation and transformation.

Protection and Views: Shield from winds, maximize natural light, and frame campus views.

Prioritize diverse views for a visually stimulating environment.

Lighting and Flexibility: Prioritize natural lighting for well-being.

Design flexible spaces for community gatherings and diverse activities.

Sustainability: Integrate eco-friendly features like efficient HVAC, rainwater harvesting, and solar panels.

Minimum Requirements

Entrance Lobby (or lobbies) & airlock(s) w/ Reception Desk and seating

Terrance (w/ seating)

Exterior inhabitable space adjacent to entry

Study Space

Built-in Seating (disturbed throughout proj.)

Pool (water approx. 65’ x 35’)

Changing Rooms (10 private stalls, gender neutral)

Storage Lockers (15 large lockers w/ seating)

Bathroom (6-8 private stalls each w/ sink, gender neutral)

Private Showers (10 private spaces w/ bench, gender neutral)

2 Admin. Offices

Gym (w/ machines)

Yoga Studio (open flexible space)

Terrace (w/ built-in seating & protected from wind)

2 Parking Spaces (18’x9’)

TOTAL GROSS SQ FT 16,000 sq. ft. approx.

Added features

Elevator (ADA req)

Open stairway with waterr feature w/Glass roof

Juice bar

Two door storage cabinets

6 ADA Changing rooms

26 changing rooms

Diving Boards

Yoga room w/ Glass roof

2 fire exits for egress w/ glass roof and walls

Green roof with public access

Prefabricated Changing Rooms



Kansas City Art Institute

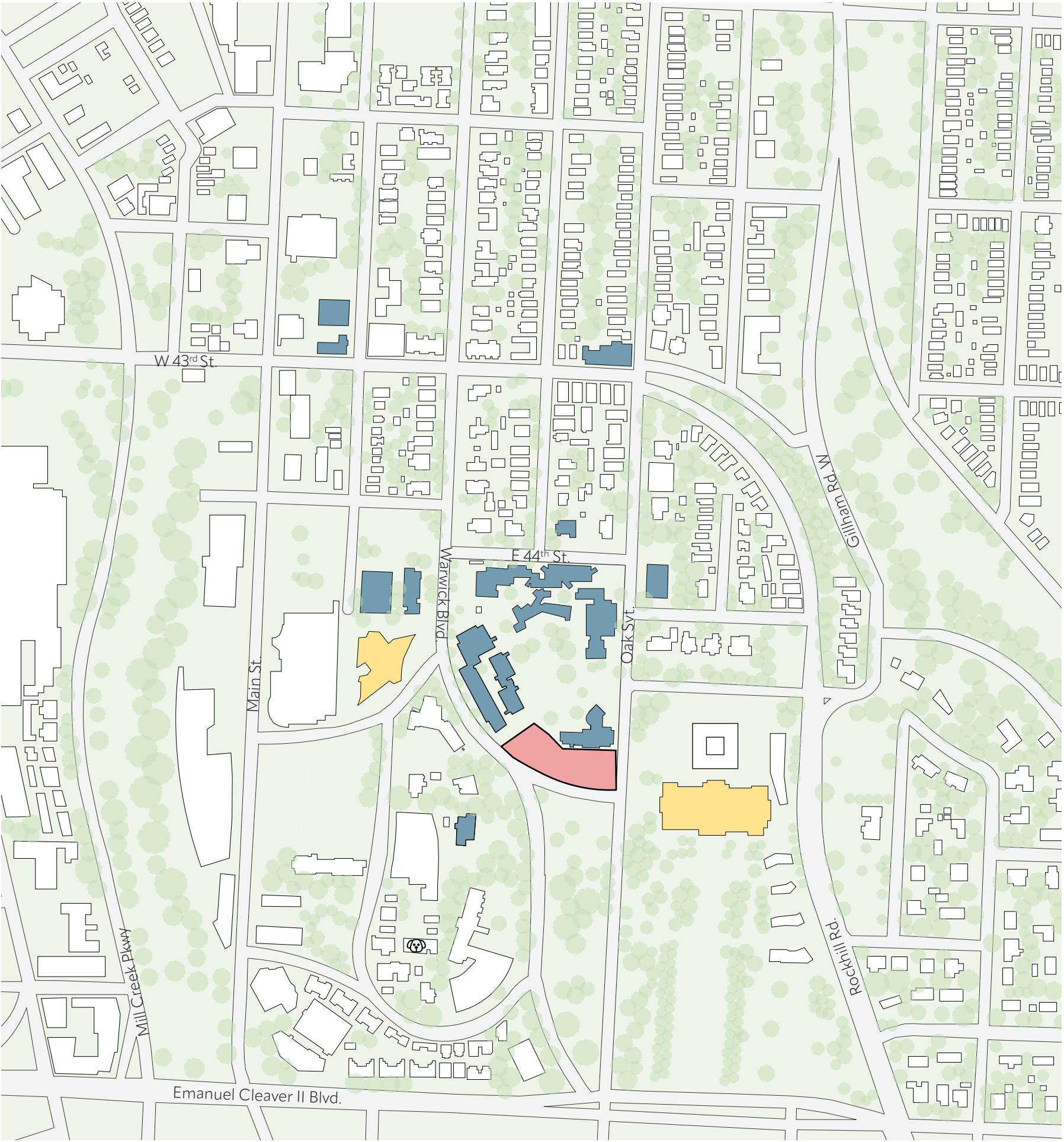
Founded in 1885 as a "Sketch Club" for emerging artists.

1888 classes began at the Kansas City Art Association and School of Design

1907 renamed to the Fine Arts Institute of Kansas City

1920 renamed to the Kansas City Art Institute

Thirteen majors offered



Area Plan

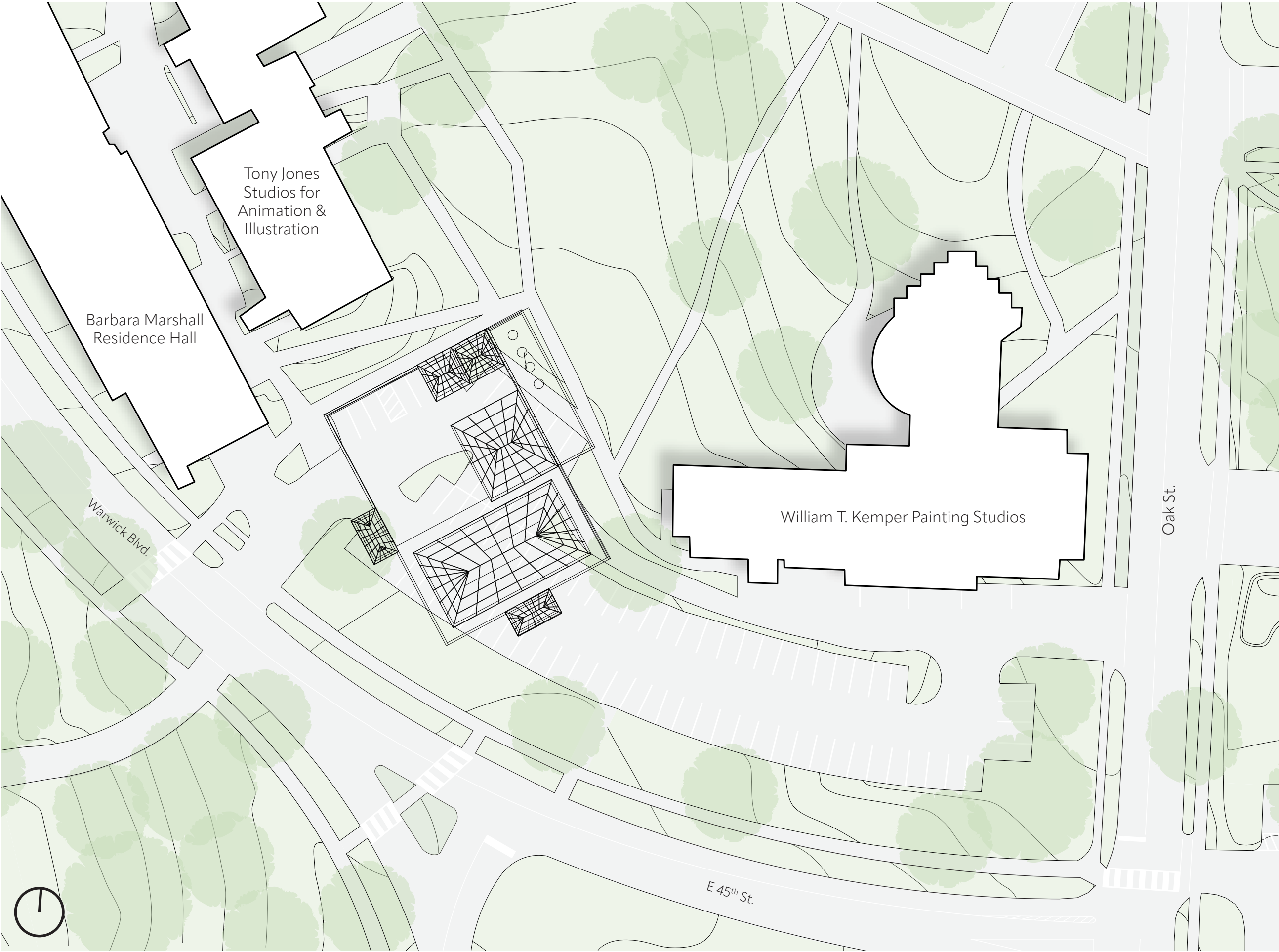
- Site
- KCAI Buildings
- Art Museums



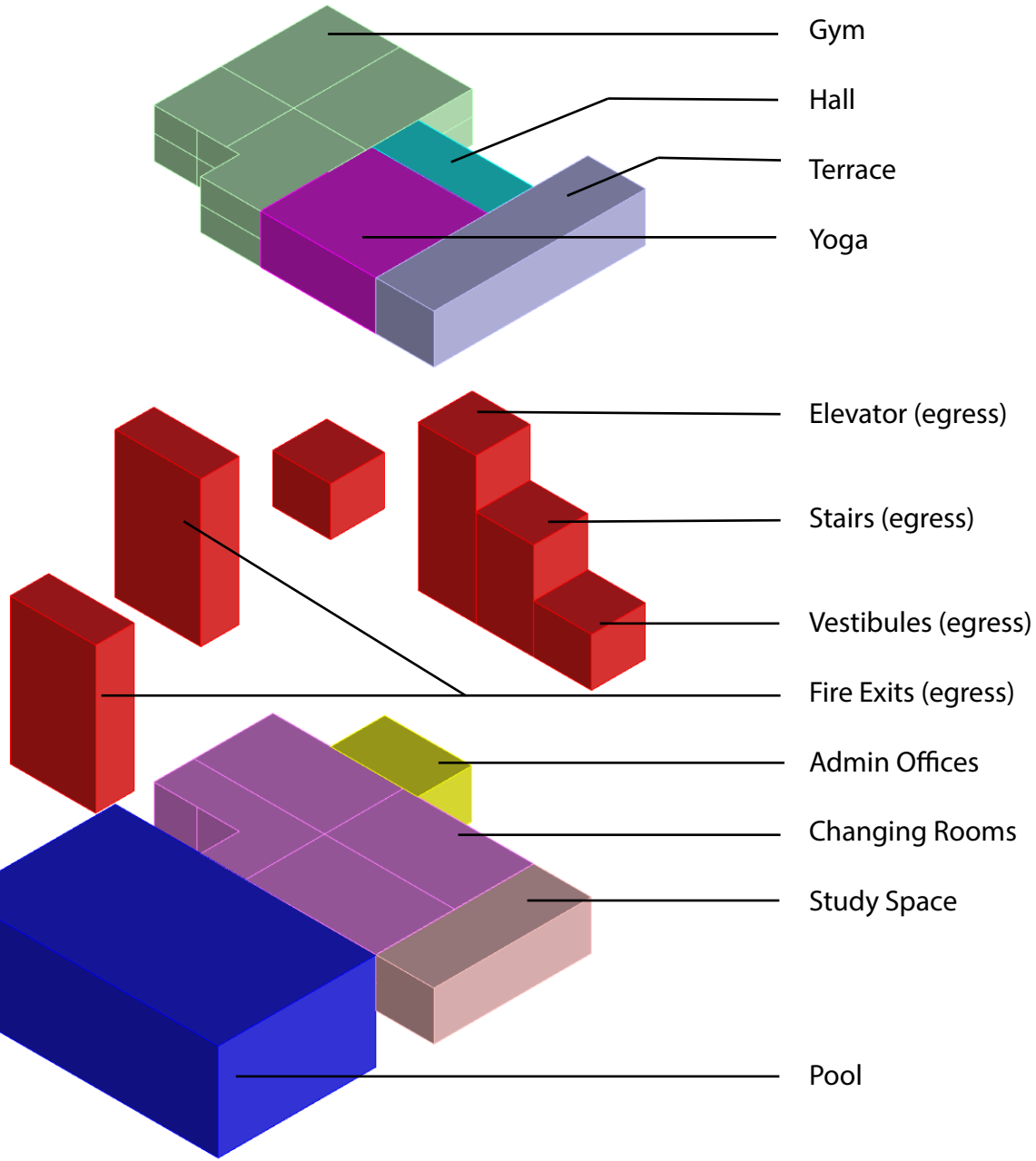
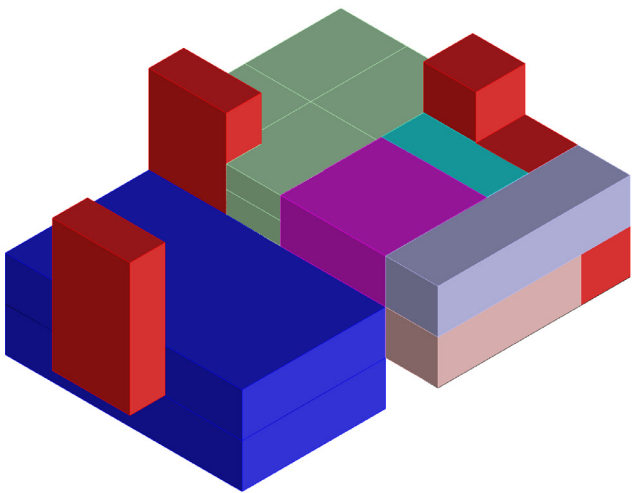
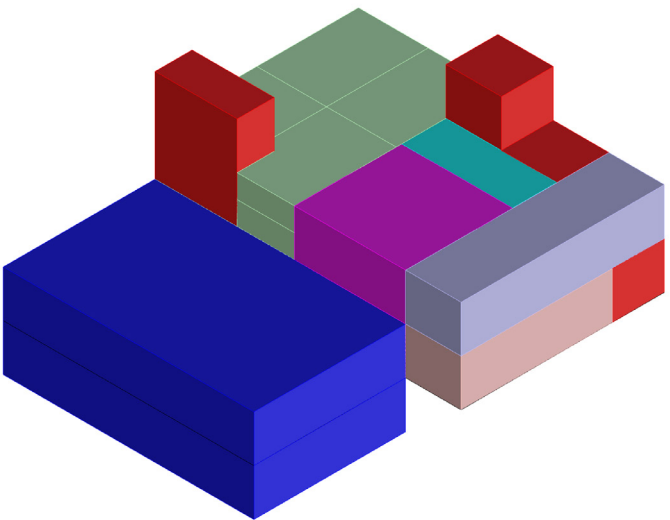
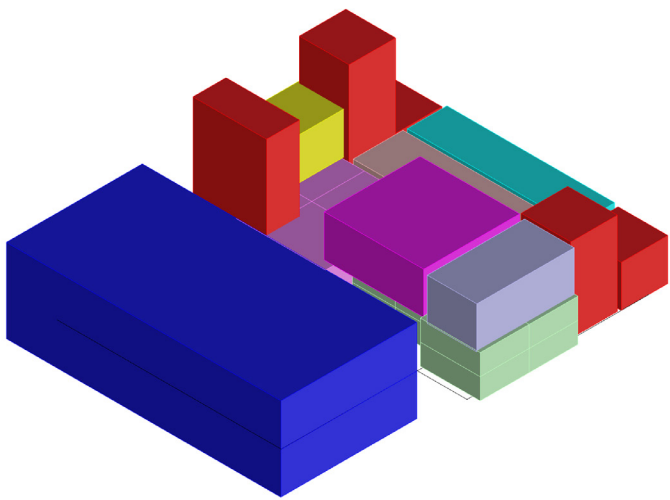
Peter's Place



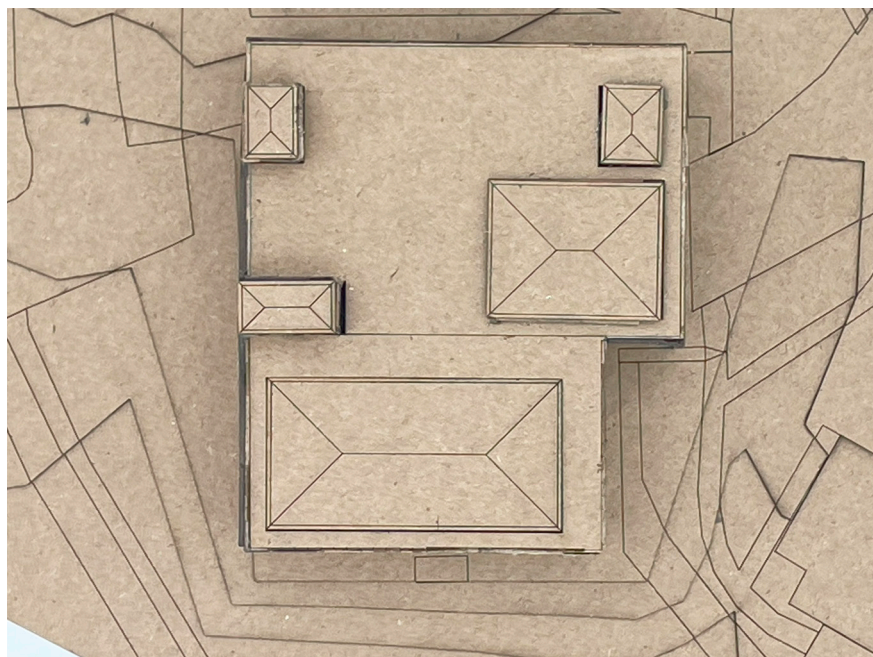
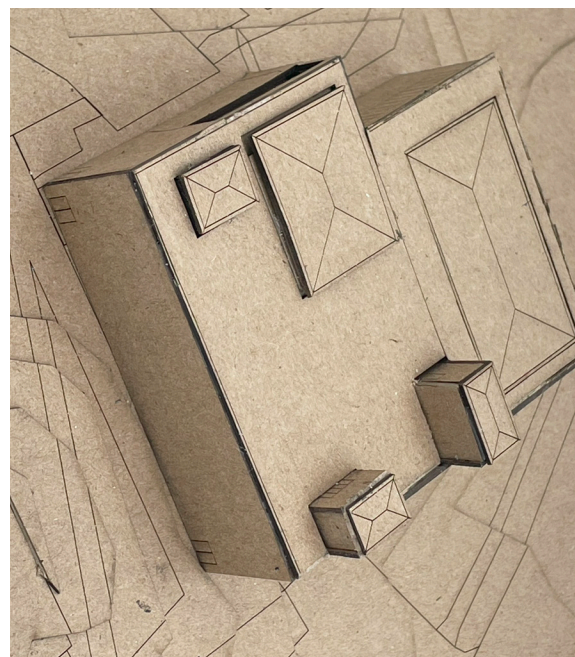
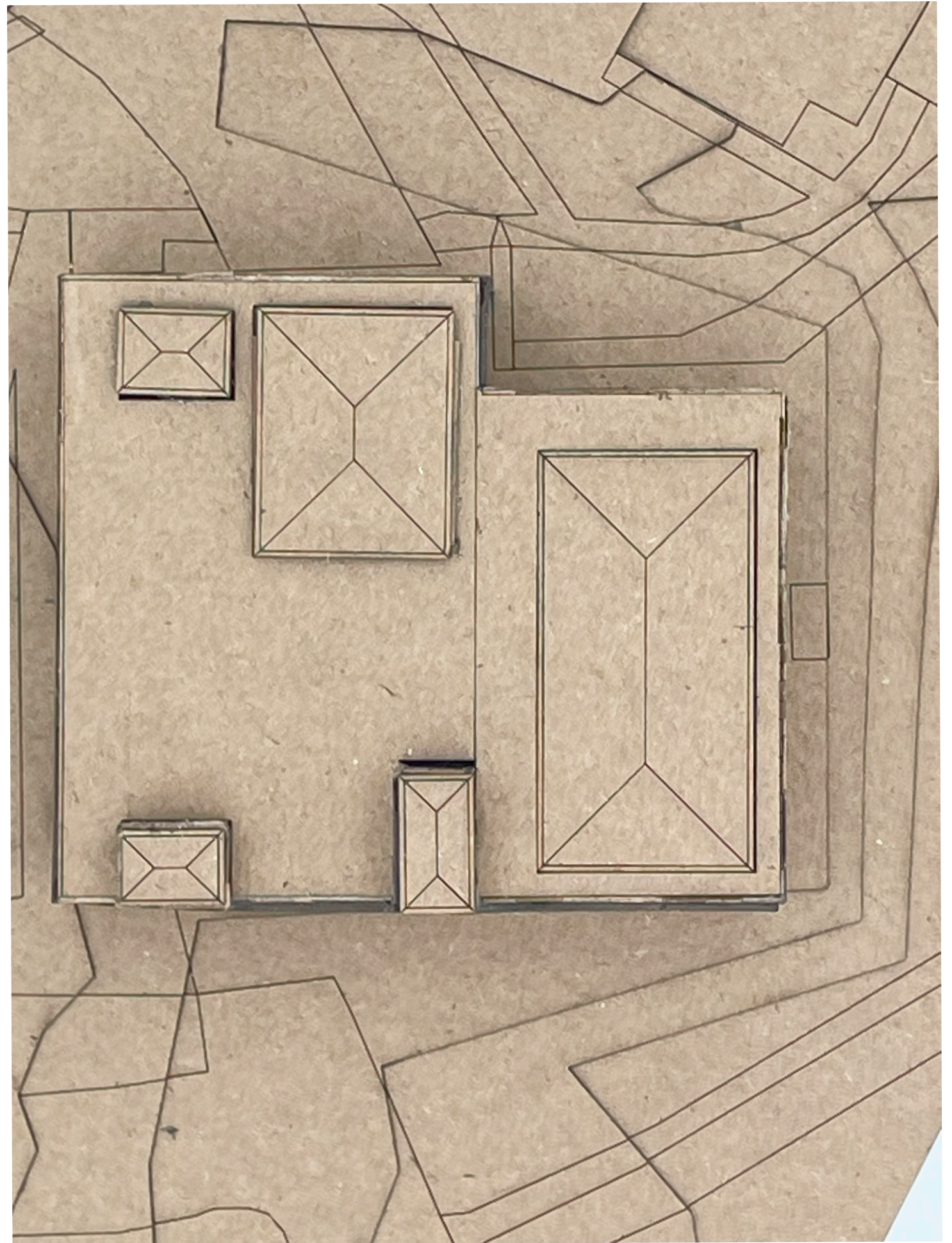
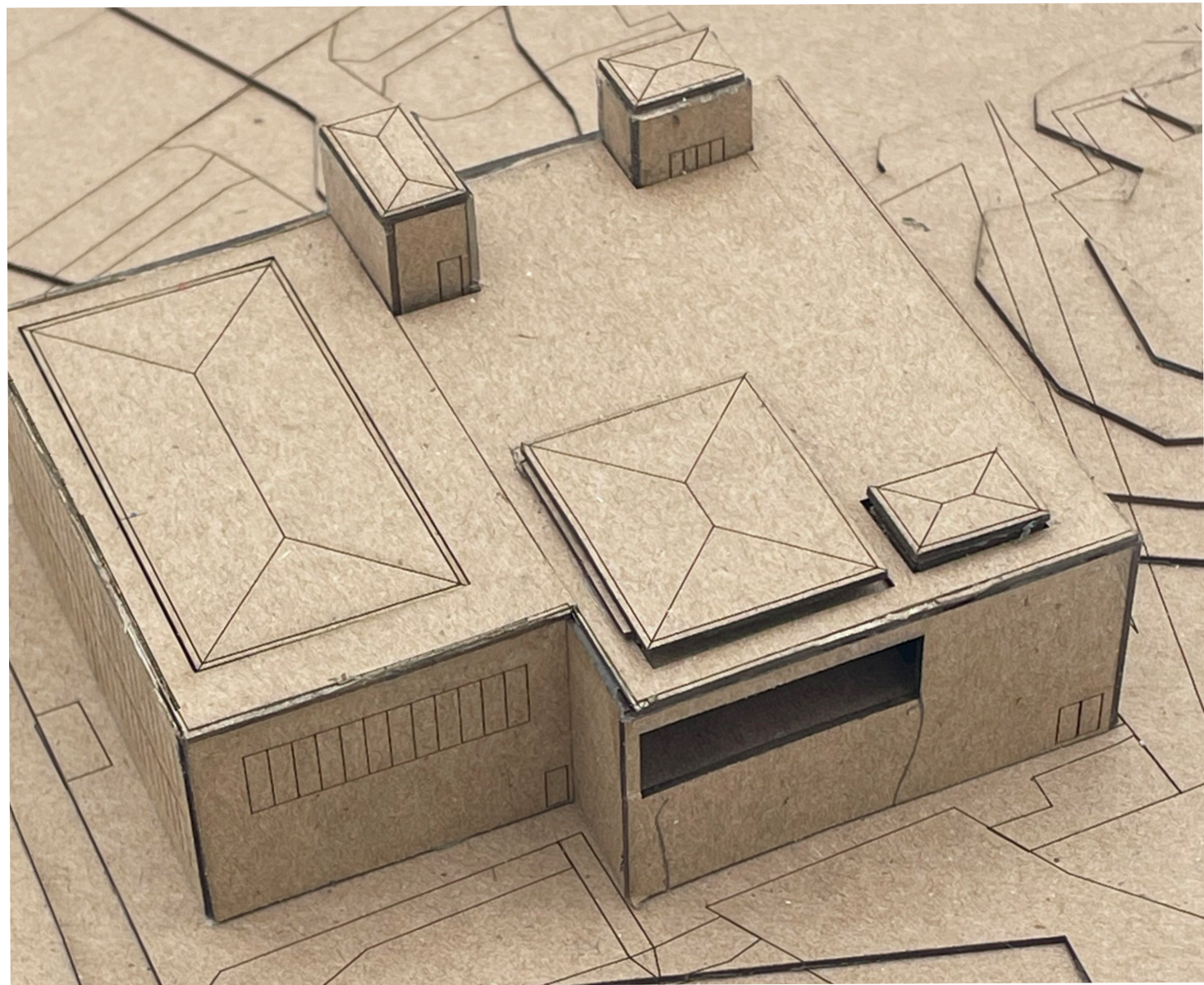
Site Plan



The original plan included all the necessary spaces but may not have efficiently utilized the available space. Due to the abundance of space in and around the building, the project was rearranged to better use this space, likely involved relocating or resizing various areas within the building. One change is enlarging the changing rooms and the gym and expanding the floor area dedicated to these facilities to provide more space for users. There is a track above the pool, and it was mentioned that a fire exit was needed for safety reasons, suggesting that adding a fire exit was a crucial step in ensuring the safety of individuals using the track.



Massing for room requirements and placing

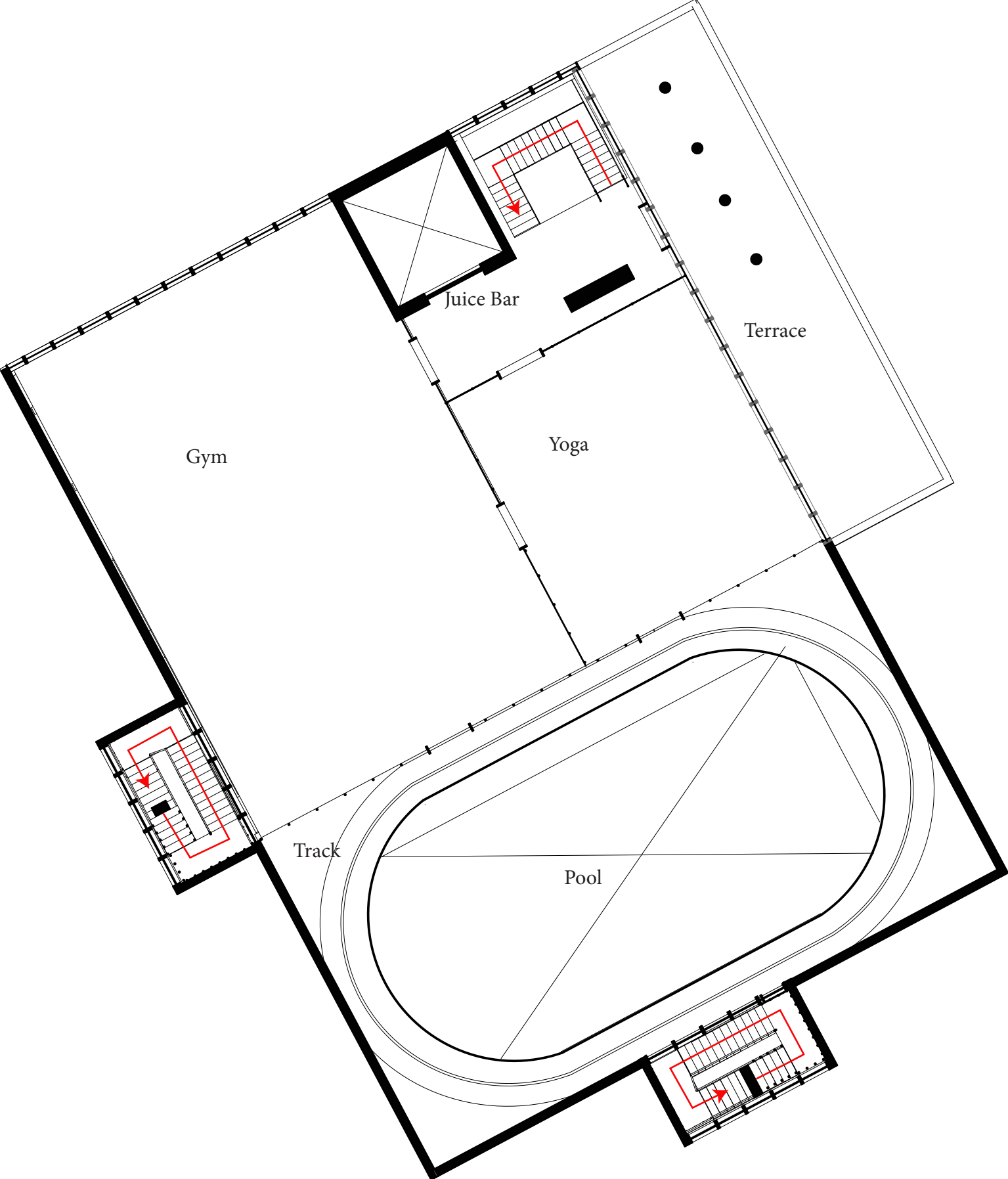


Massing Models

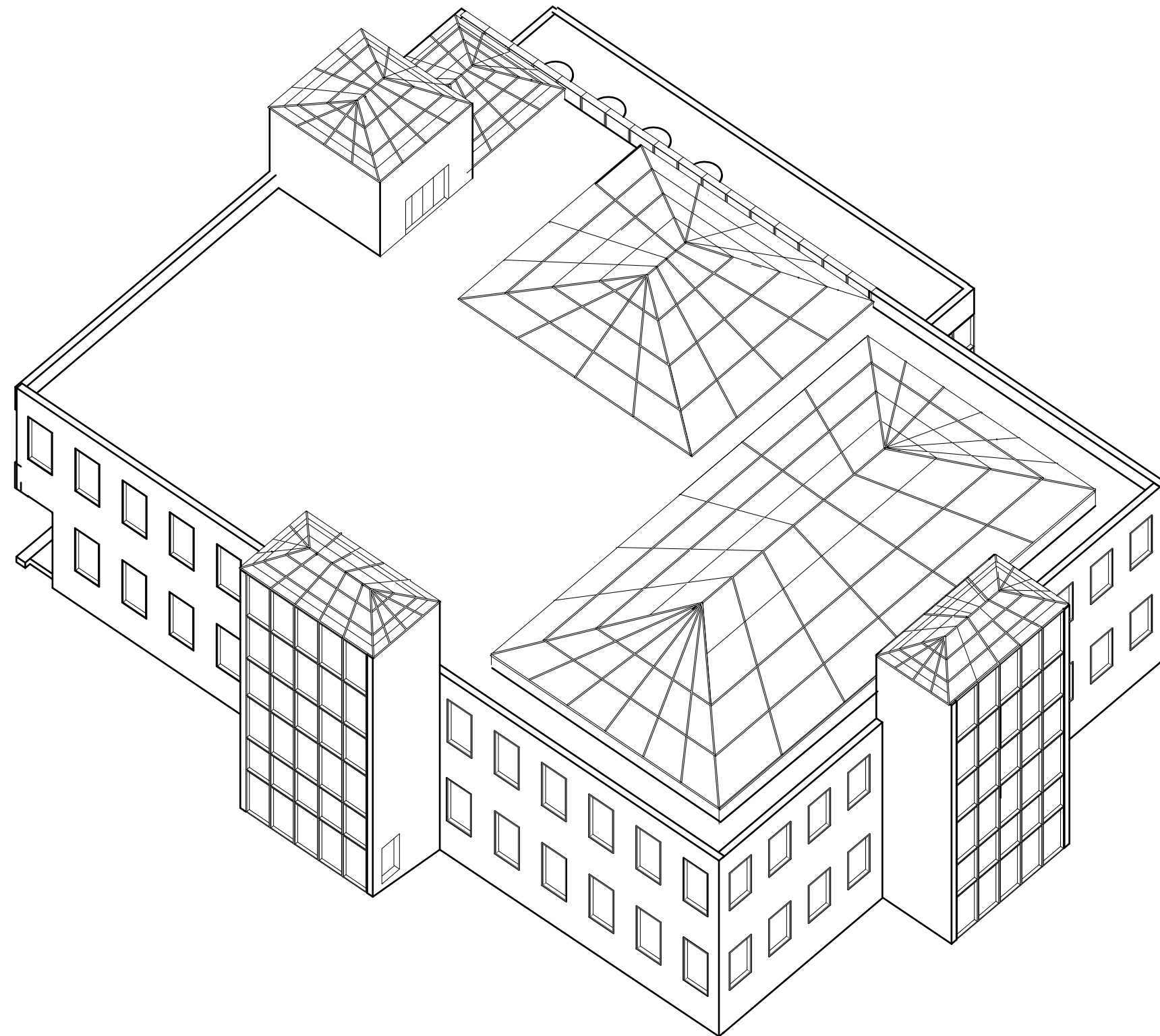


First Floor
1/16" = 1'



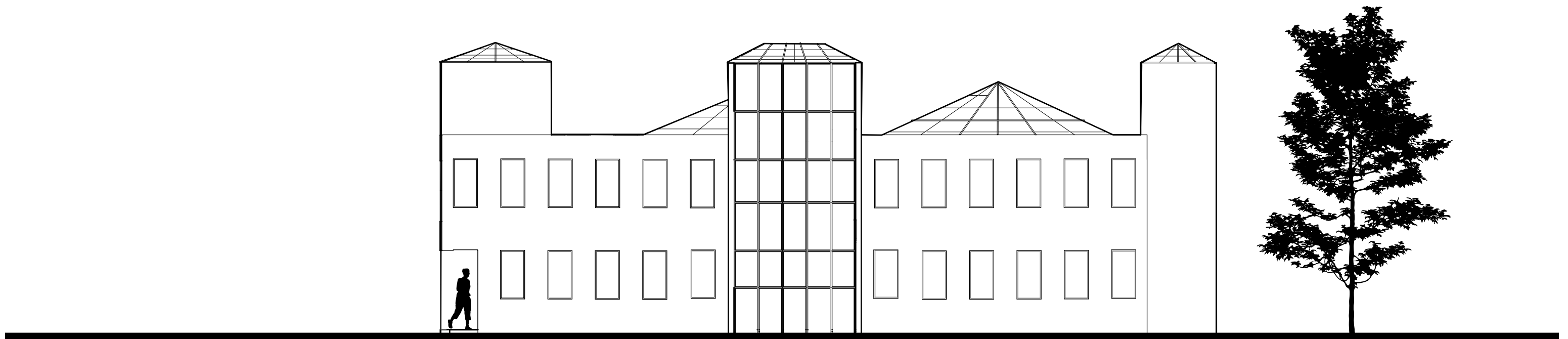


Second Floor
1/16" = 1' 

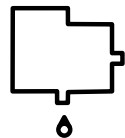


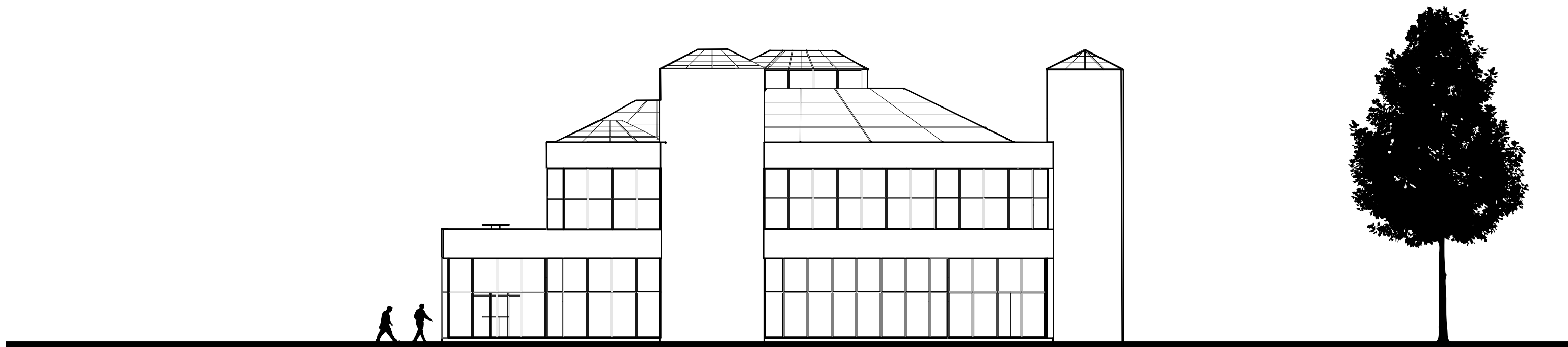
Axonmetric
1/16" = 1'



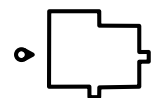


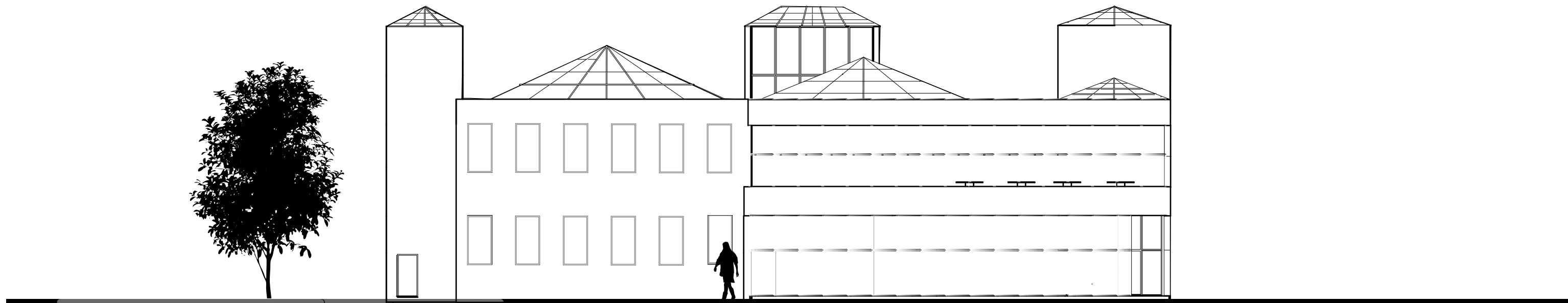
South Elevation 2
1/16" = 1'



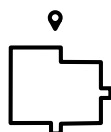


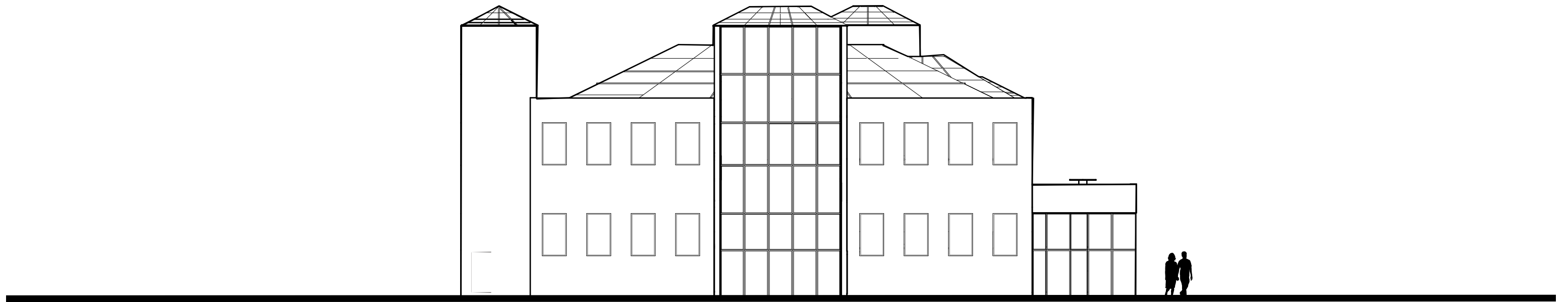
West Elevation 4
1/16" = 1'



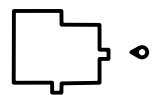


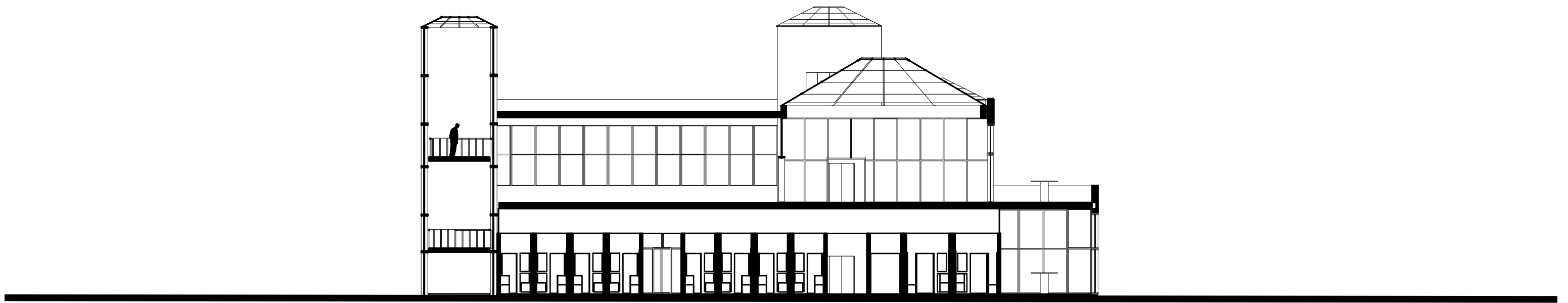
North Elevation 3
1/16" = 1'



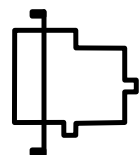


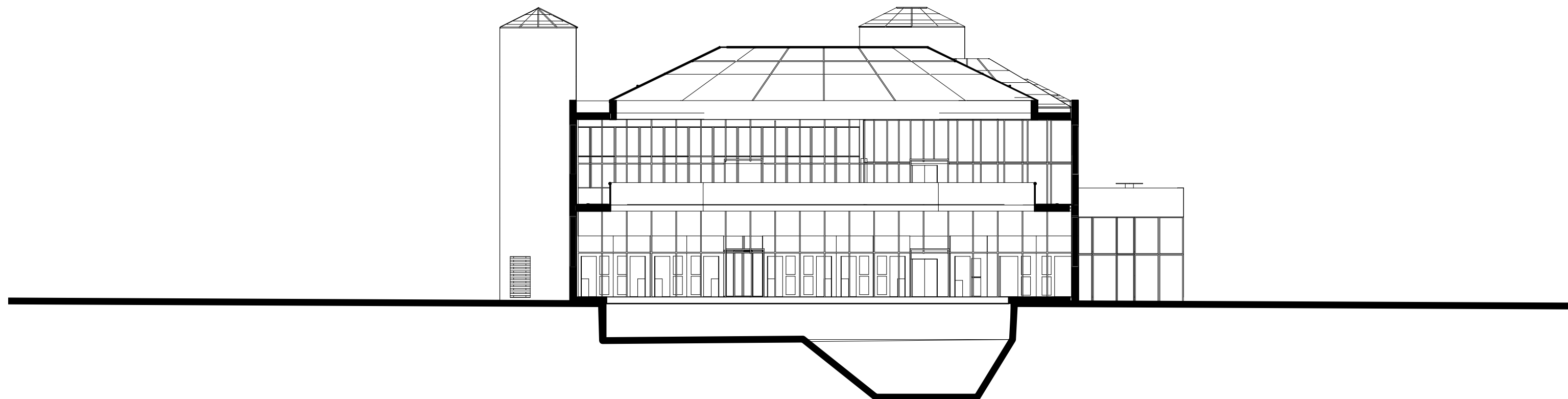
East Elevation 1
1/16" = 1'



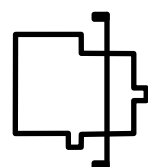


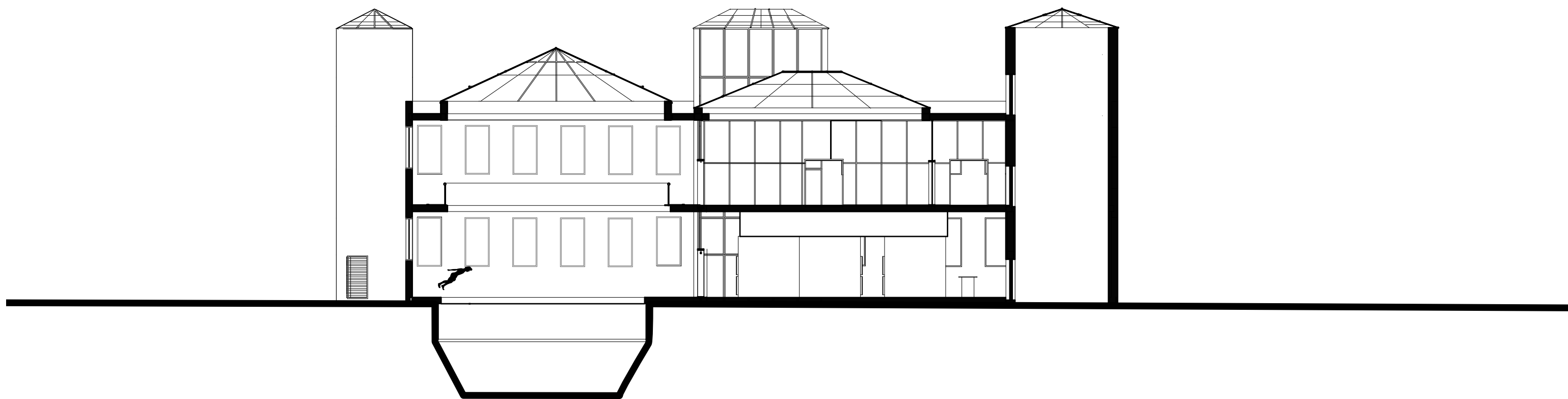
East Section B-B
1/16" = 1' 0"



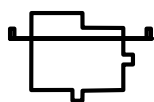


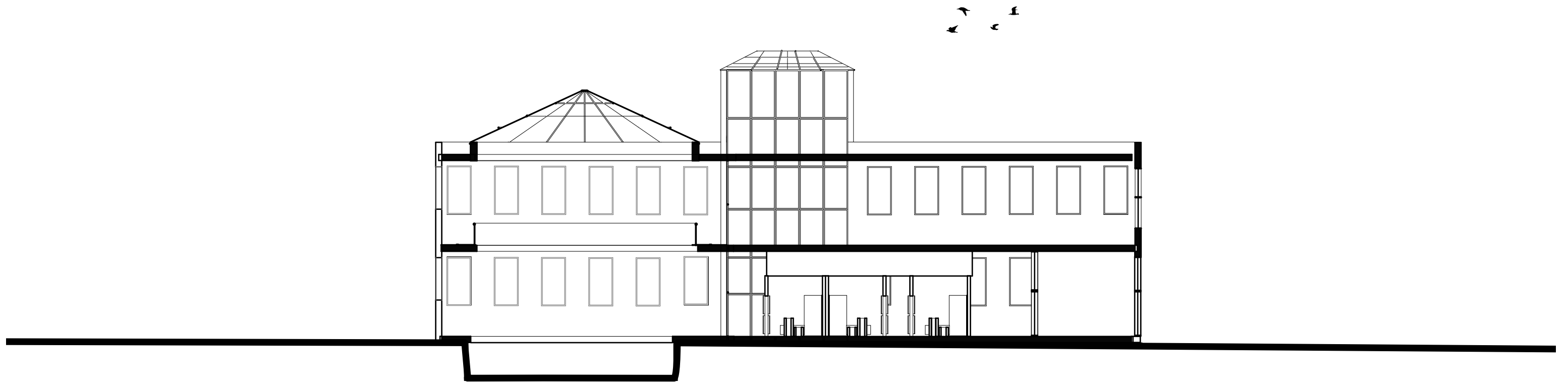
Pool Section A-A
1/16" = 1'



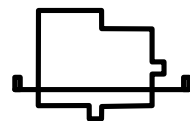


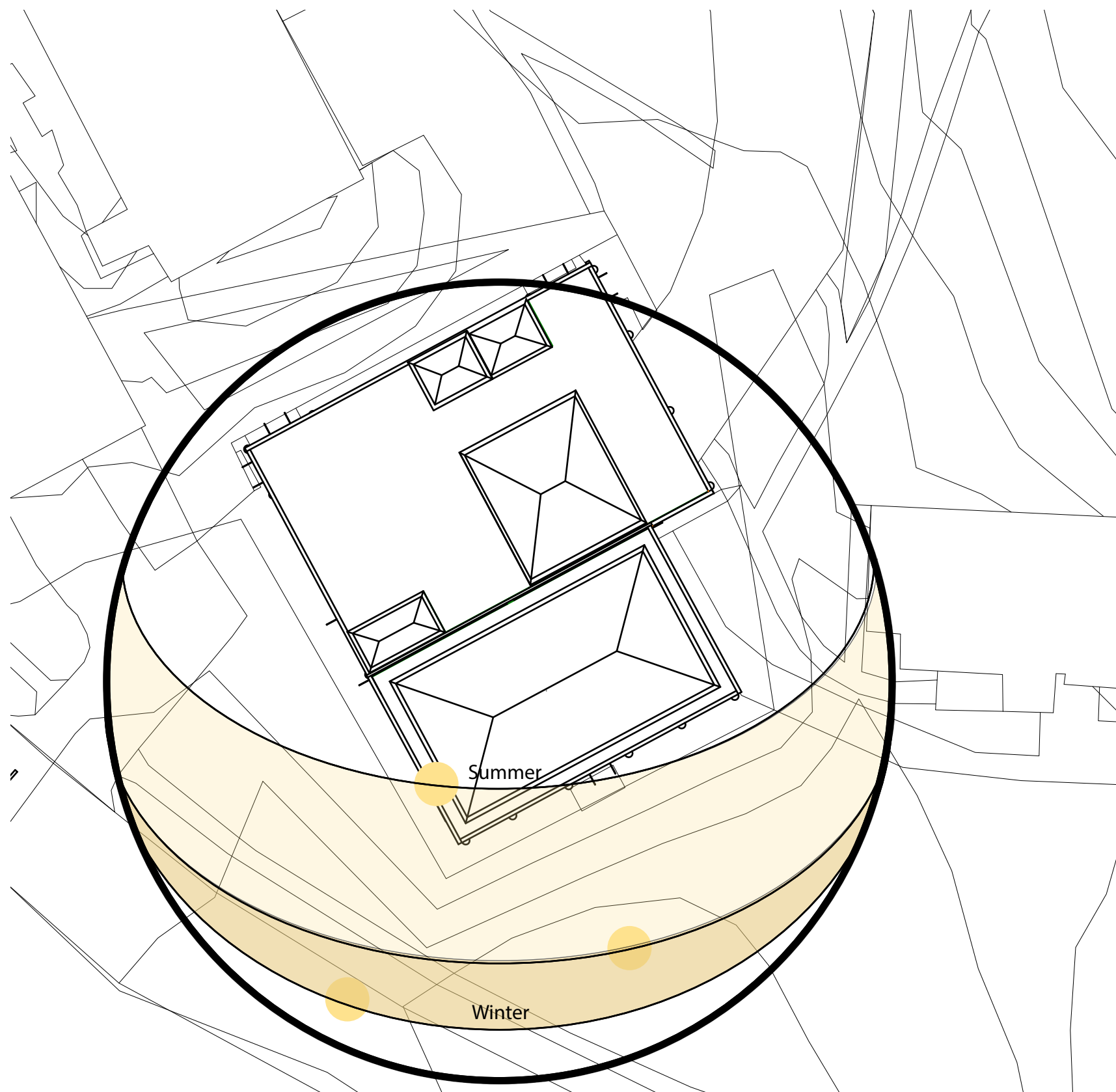
North Pool Section C-C
Scale: 1/16" = 1' 0"



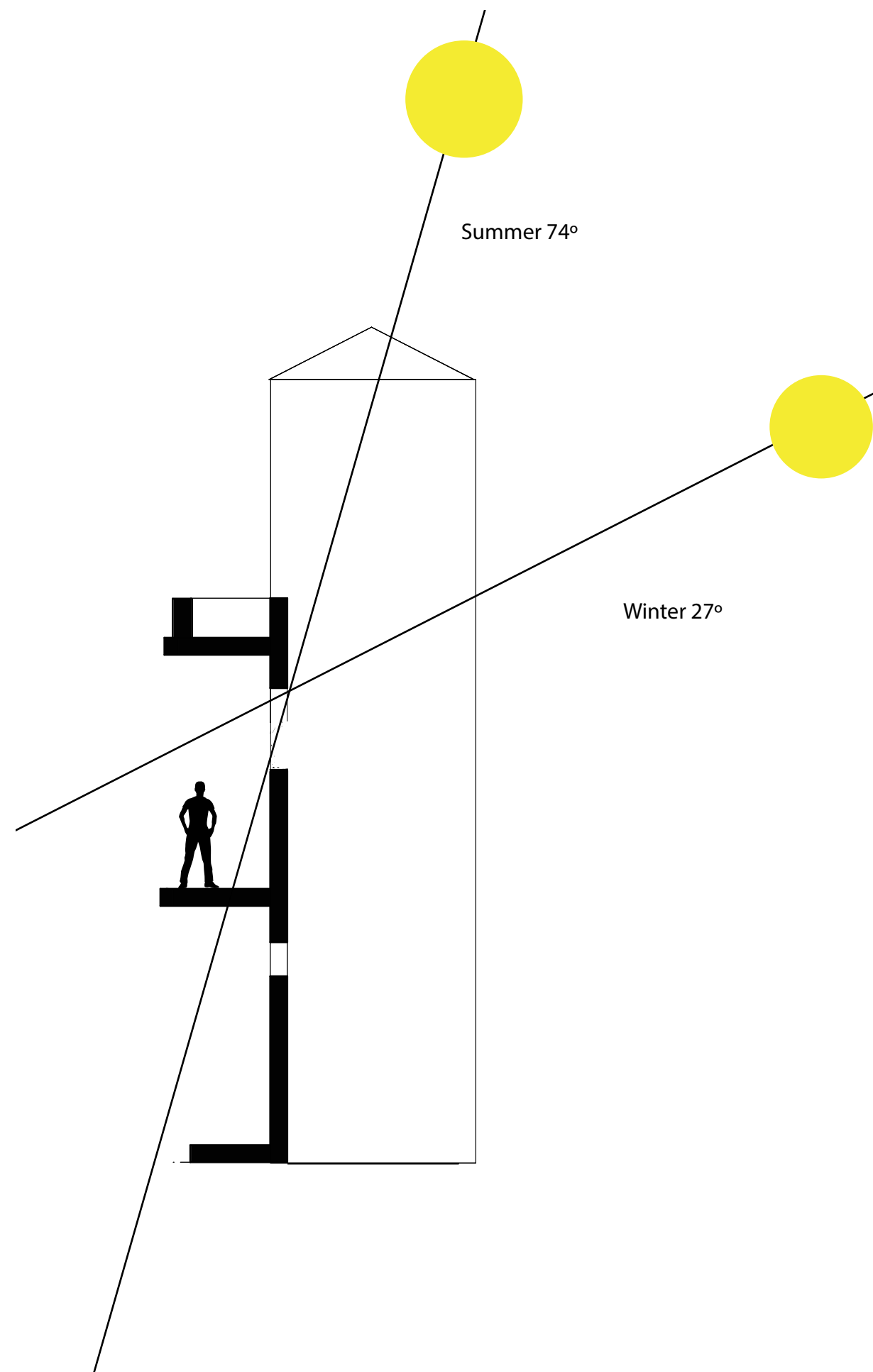


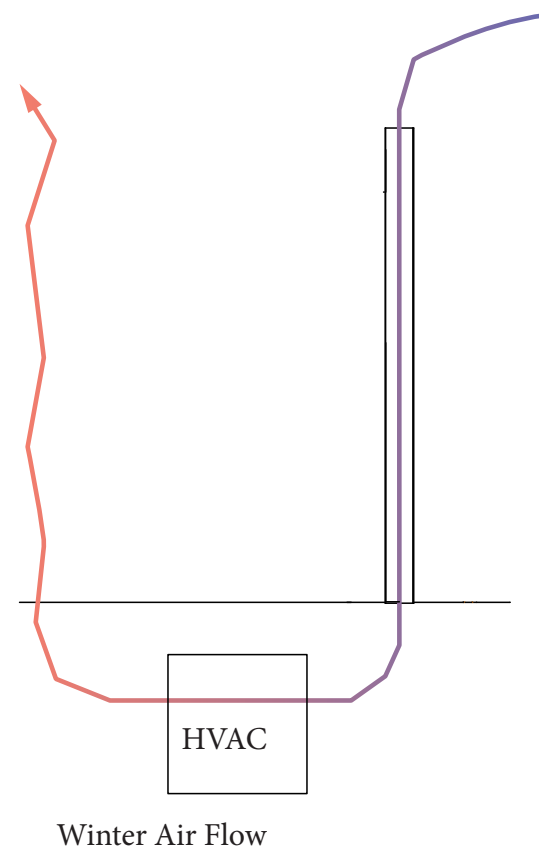
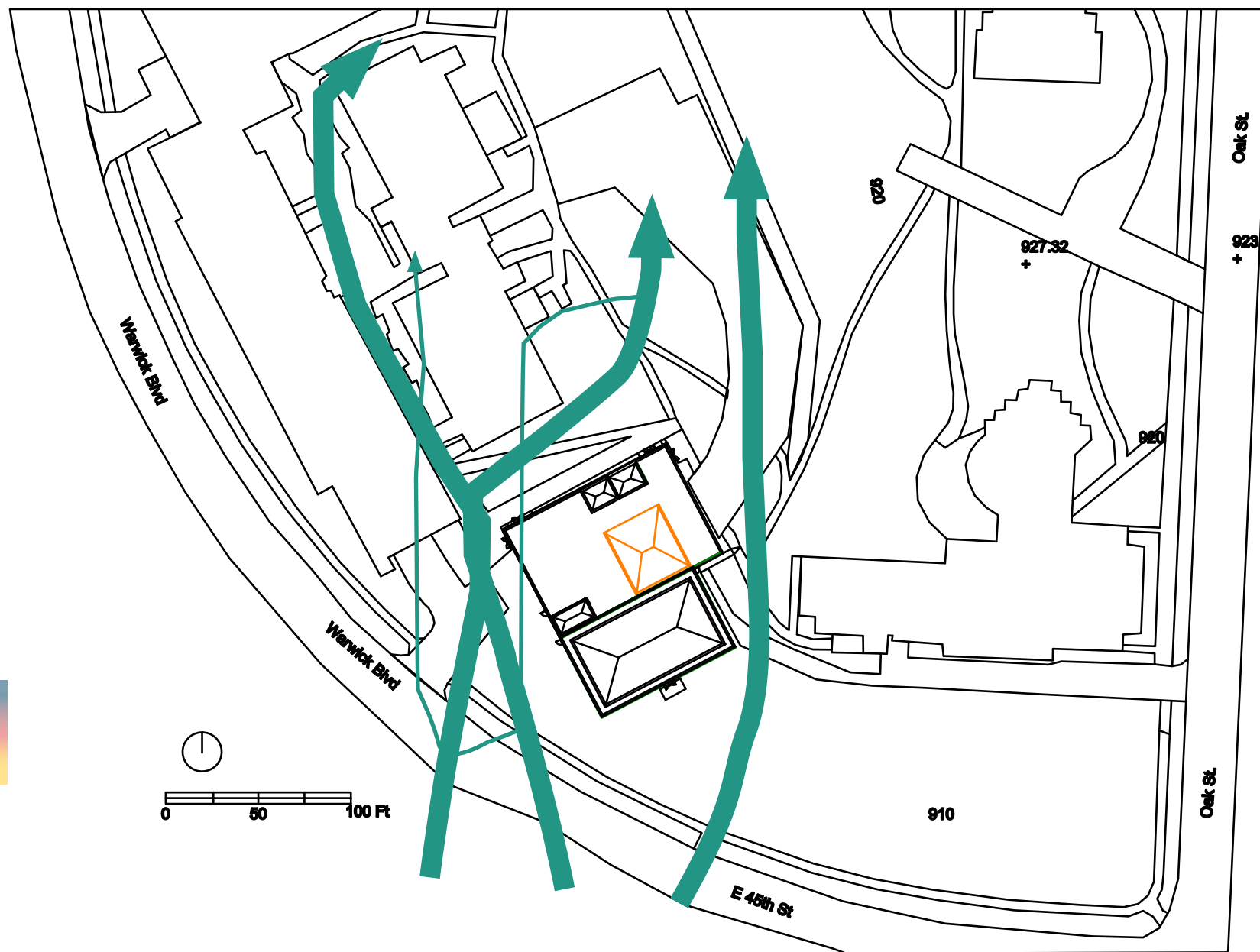
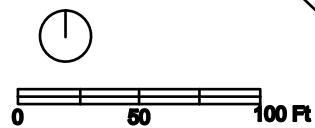
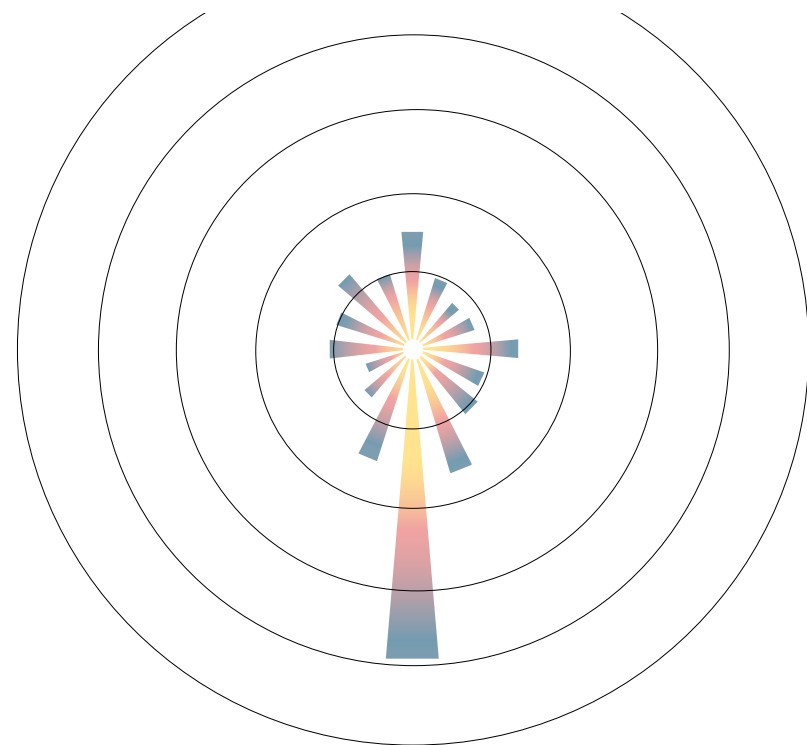
Section South Pool D-D
1/16" = 1'



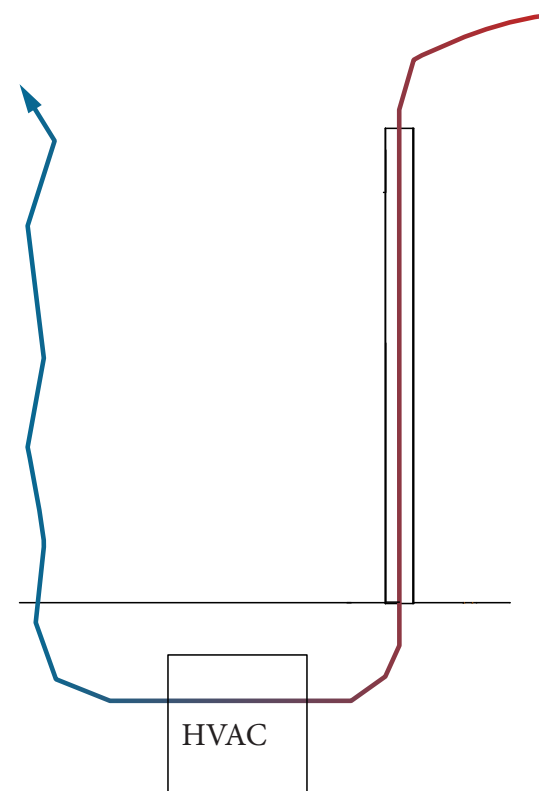


Solar Diagram



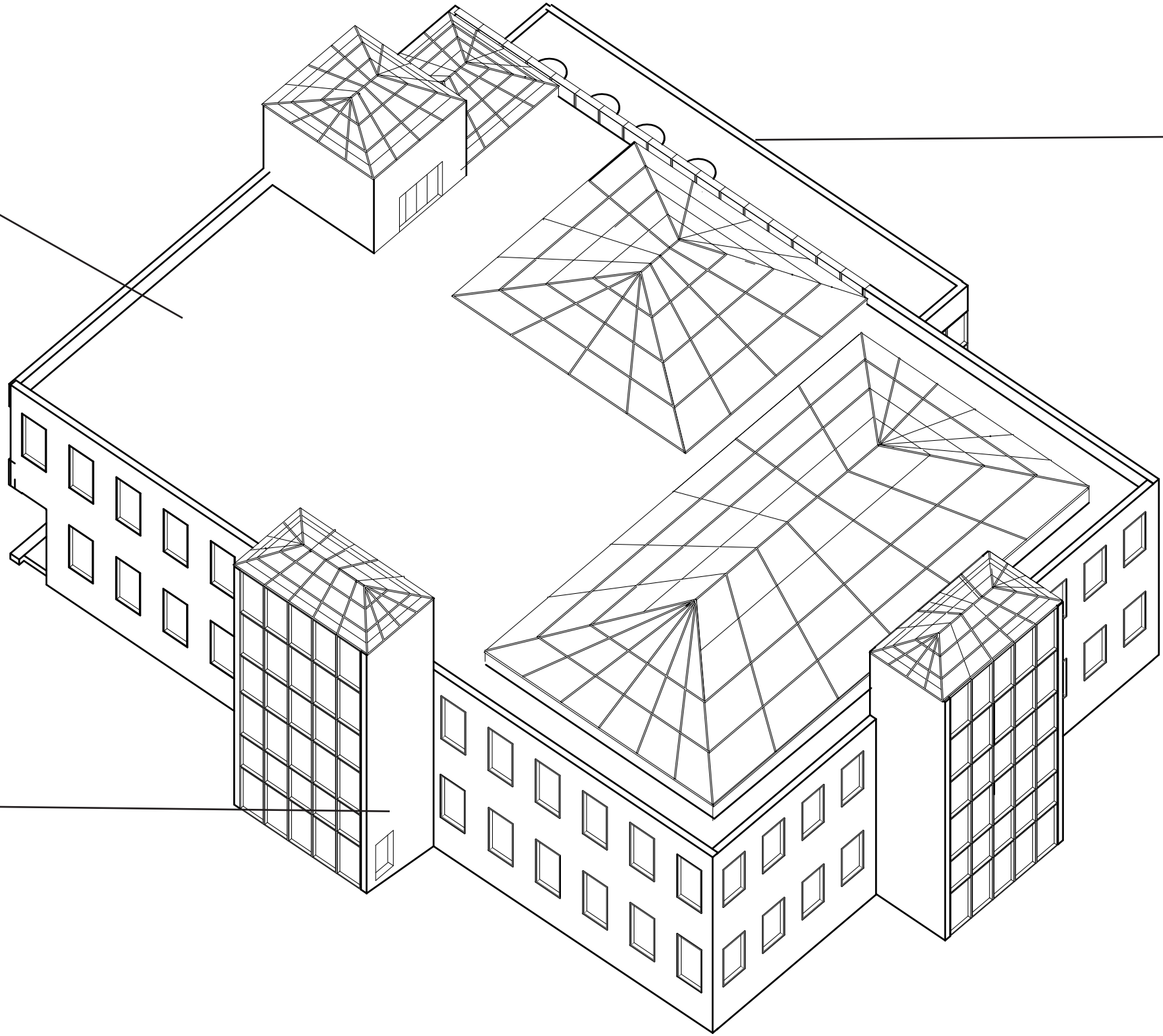
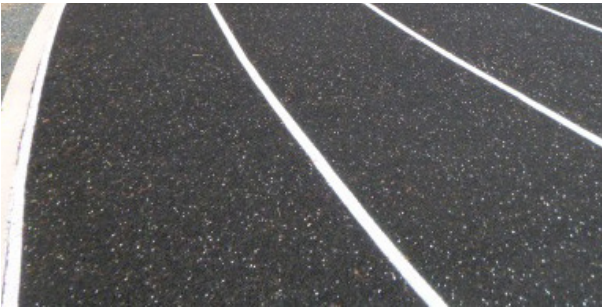


Winter Air Flow



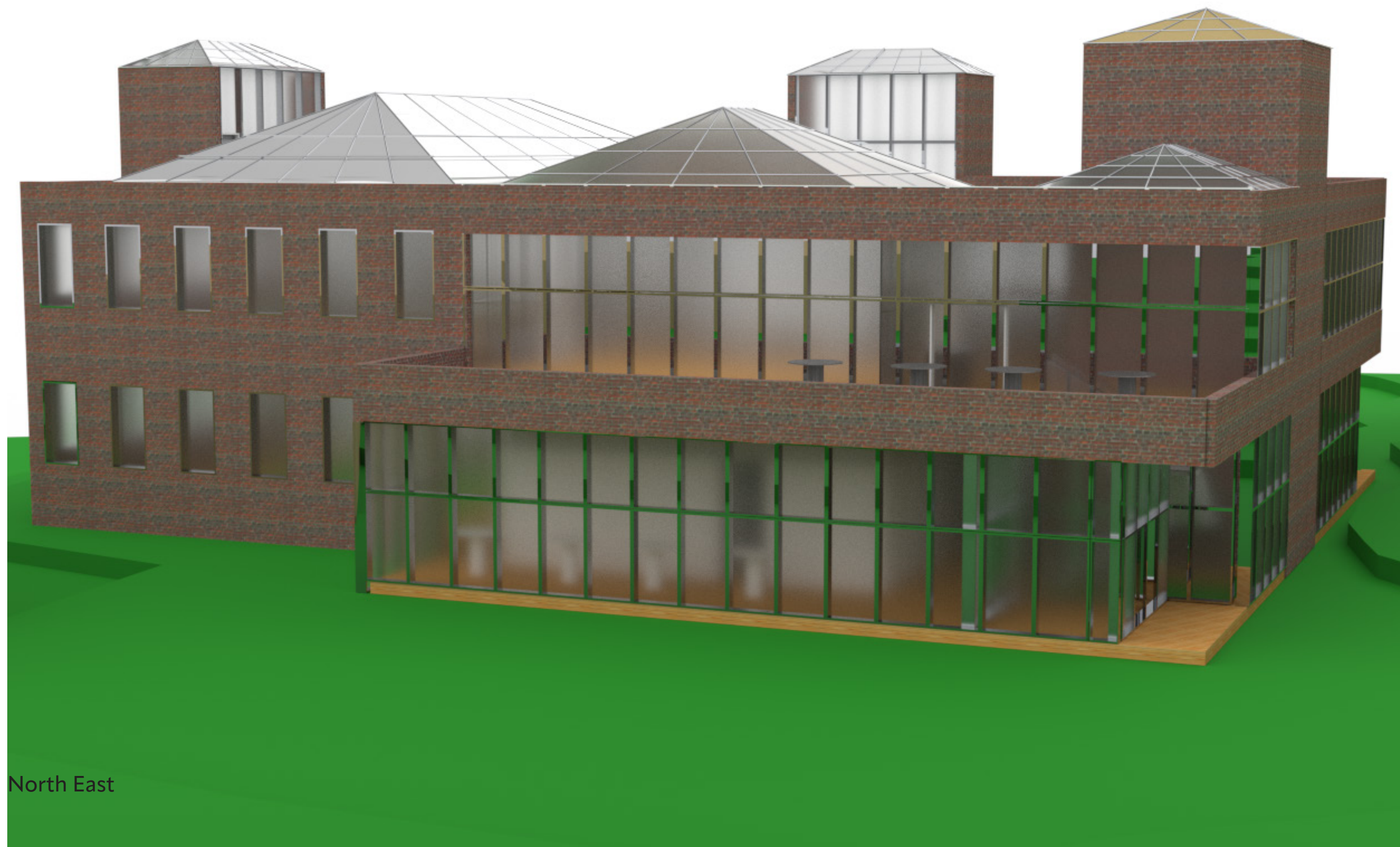
Summer Air Flow

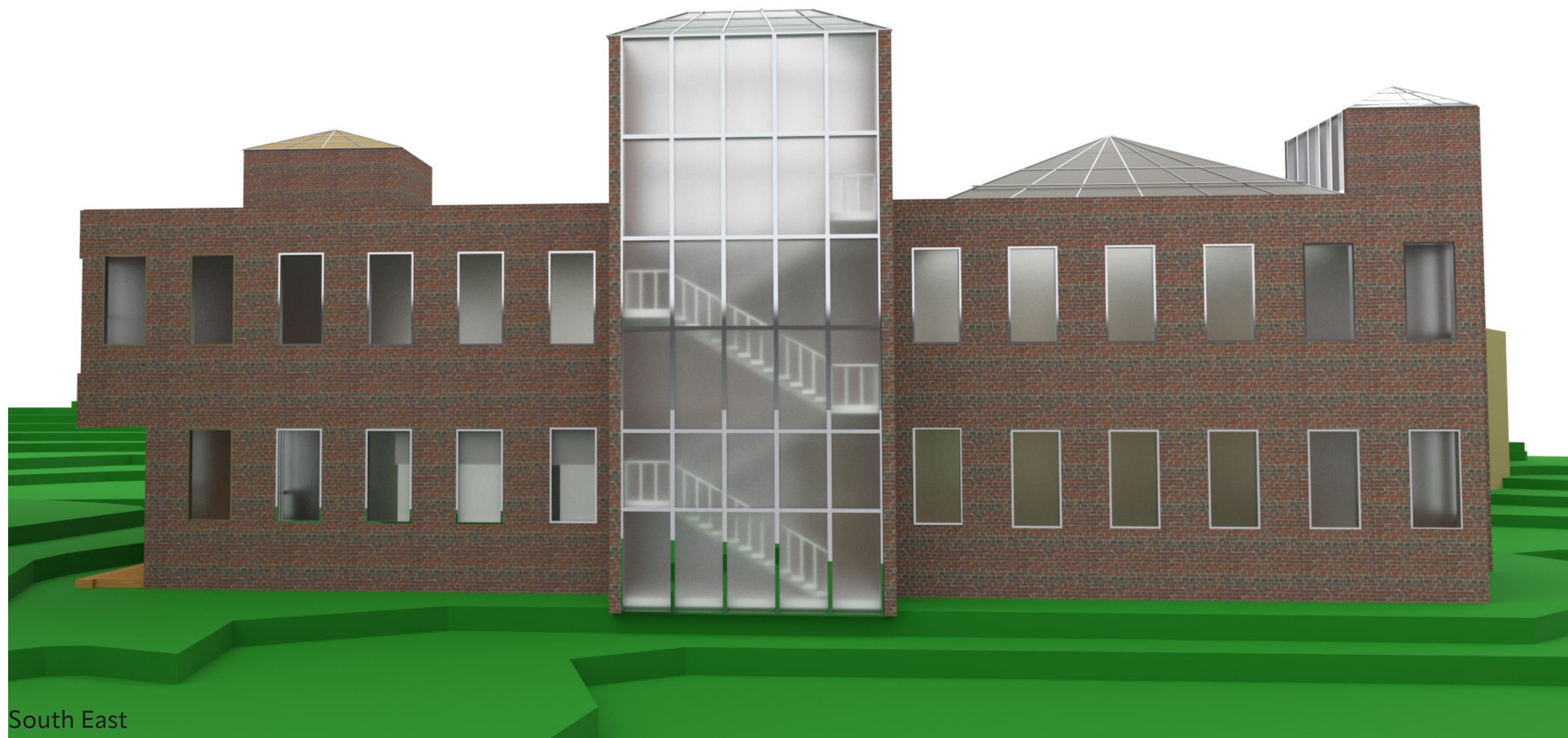
Wind and Venlation



Materials

Running Track





South East

