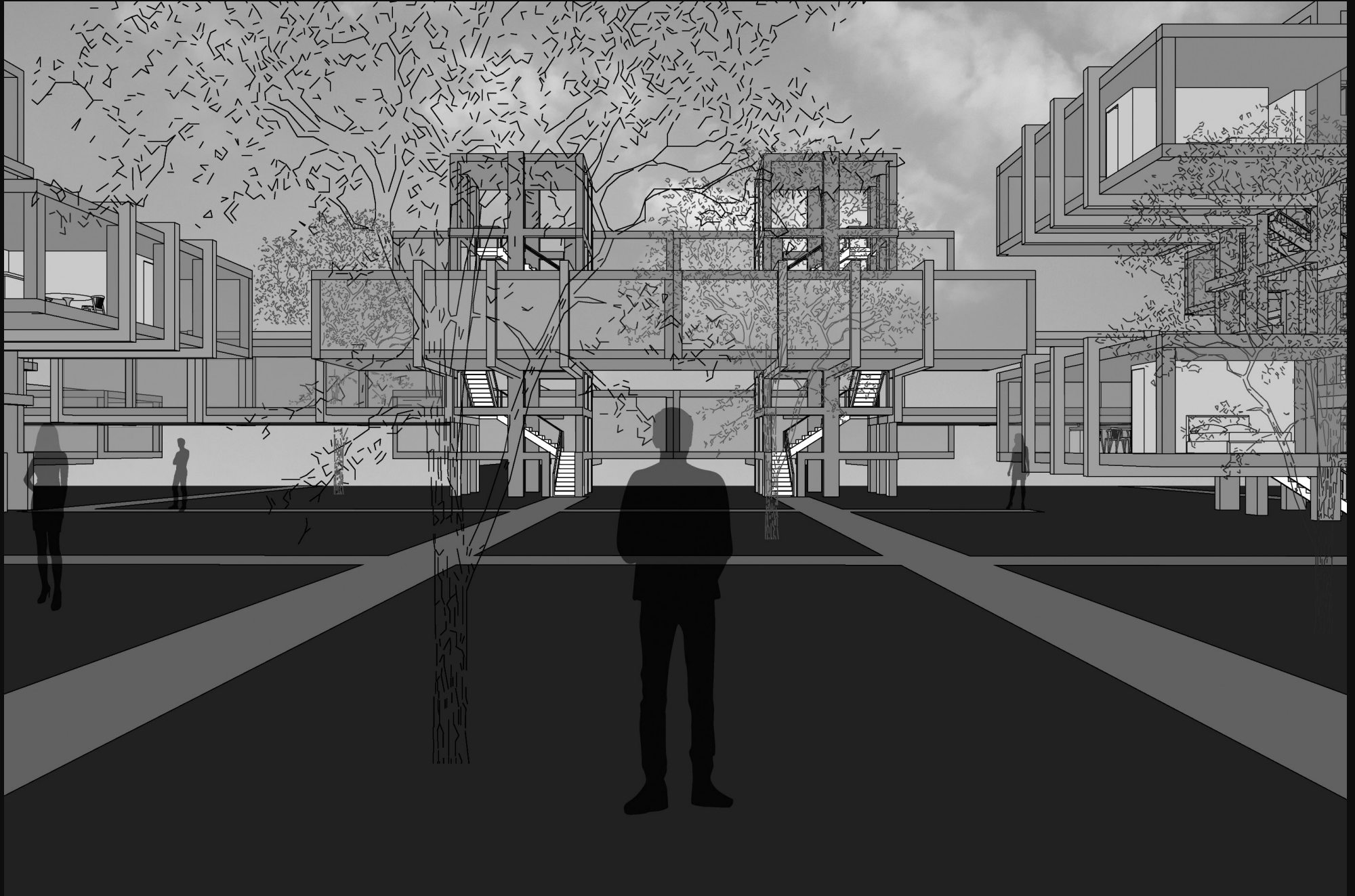
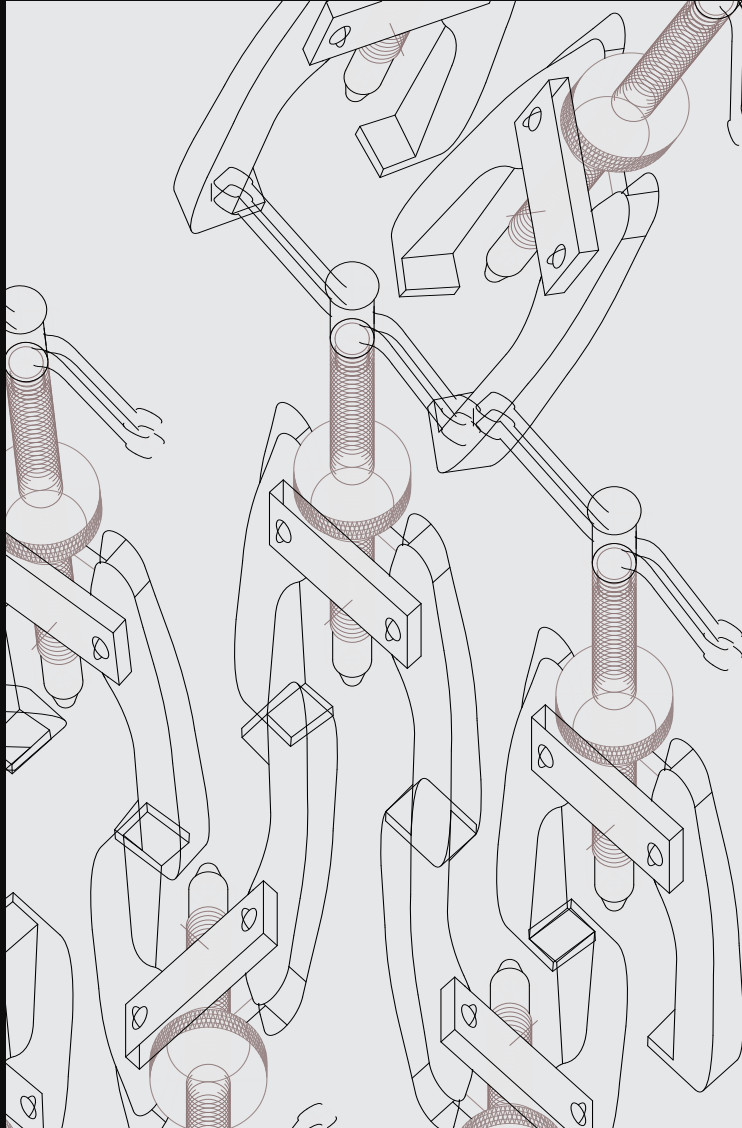


RONEN LAVI ARCHITECTURE PORTFOLIO



Email rlavi@tulane.edu
Website ronenlavi.com



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1 library and
vertical garden

2 museum in a
flood-plain

3 vintage tool
analysis

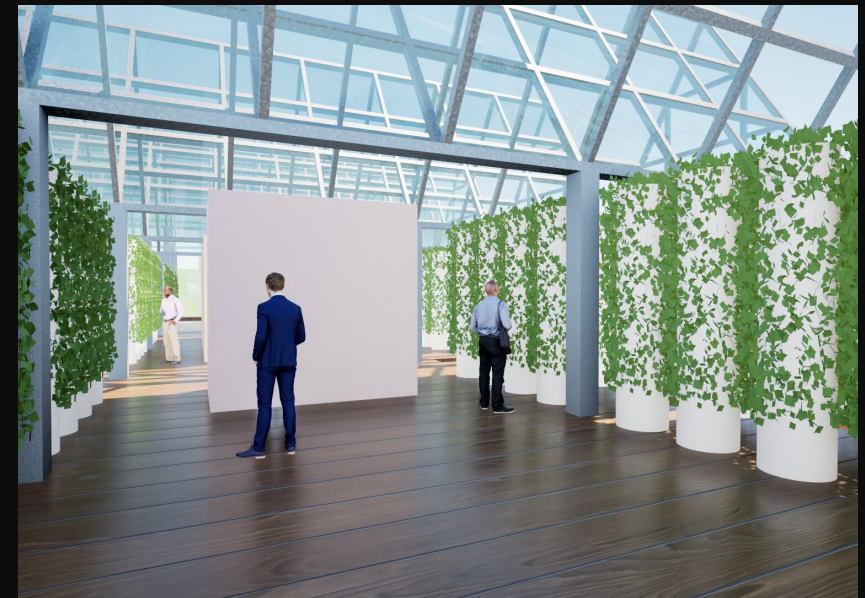
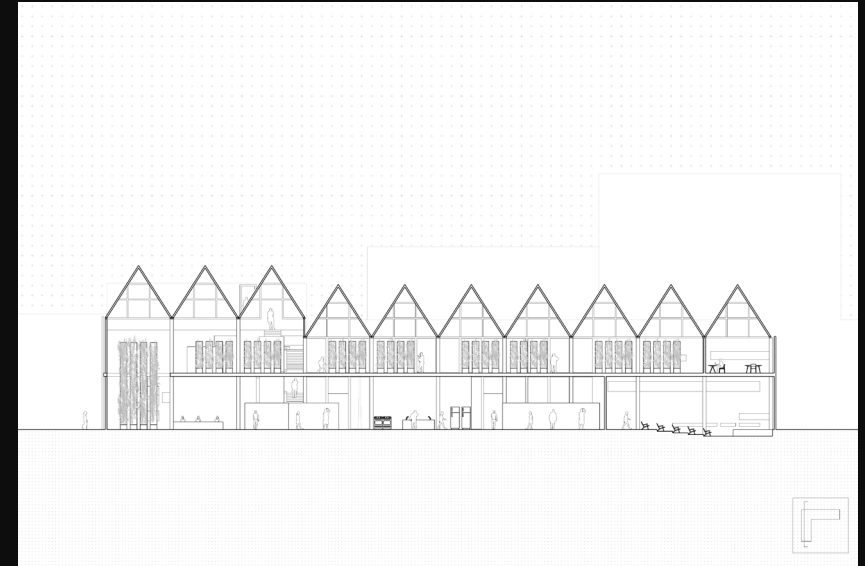
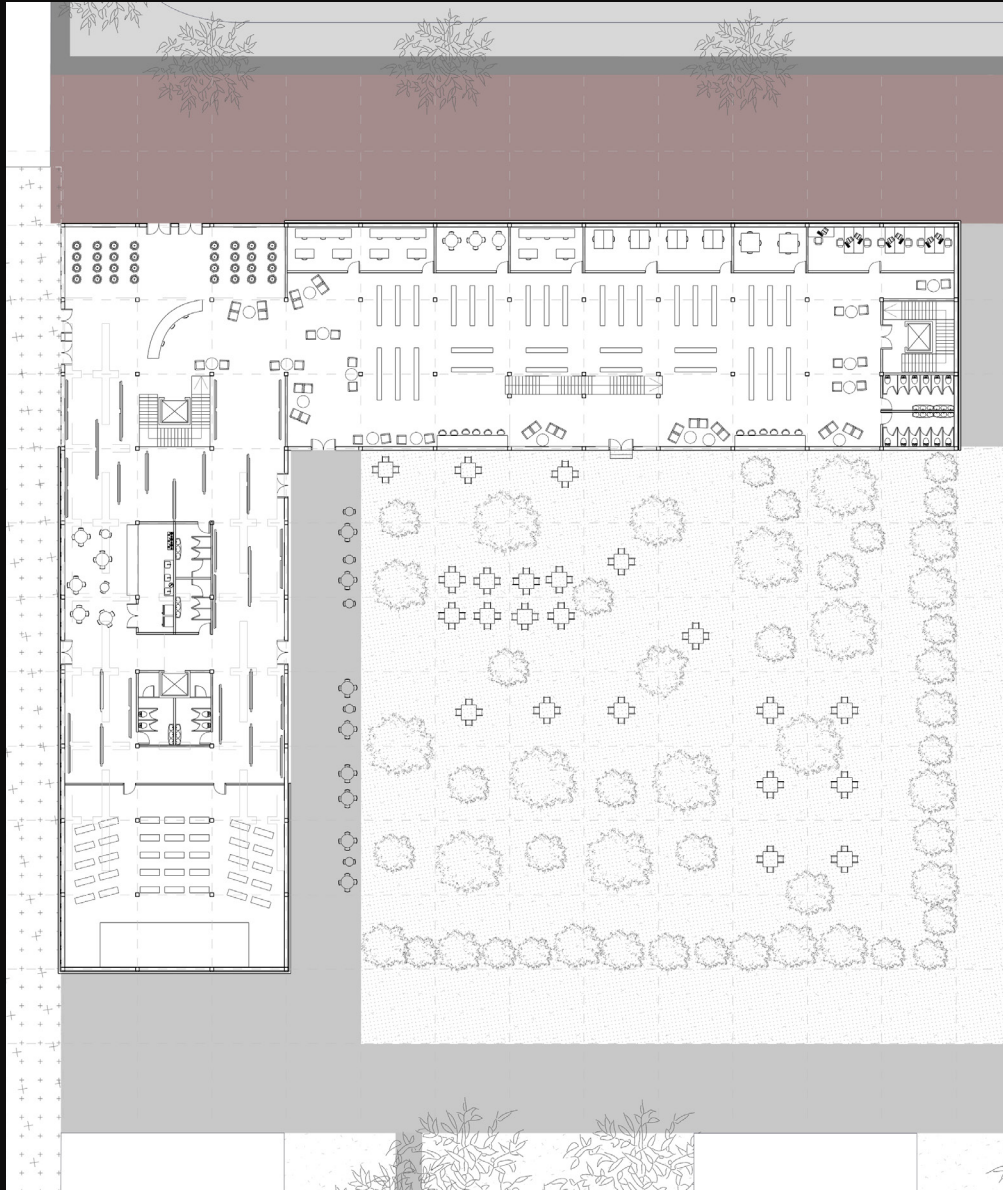
4 art gallery and
archive depot

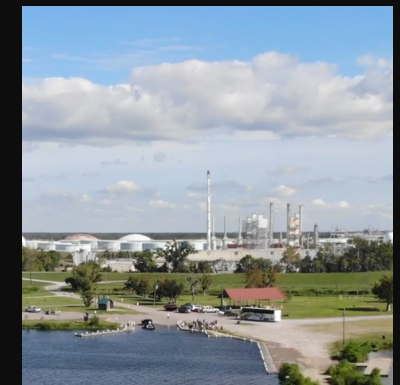
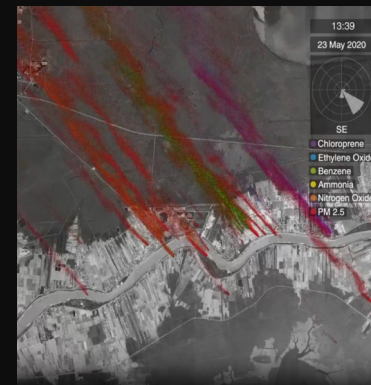
5 repurposing
architectual
plans

6 sukkah build

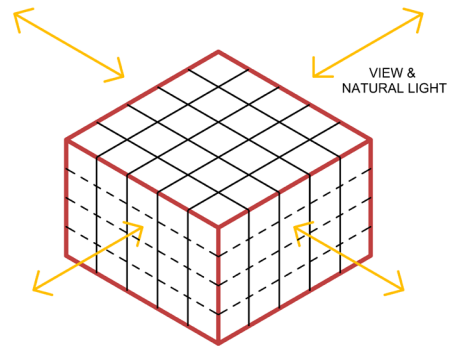


This project looks at a growing neighborhood in Los Angeles near Little Tokyo. The block is home to many artists who rent lofts where they live and work. One goal was to make a building that can be a catalyst for the neighborhood, including a library and hydroponic space that can be used for educational/ research purposes.

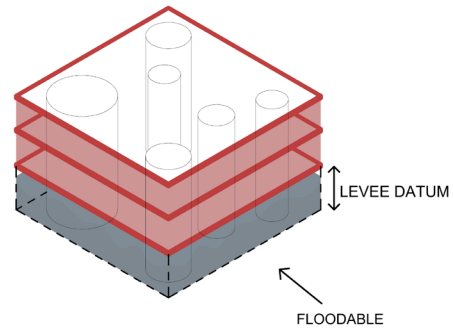




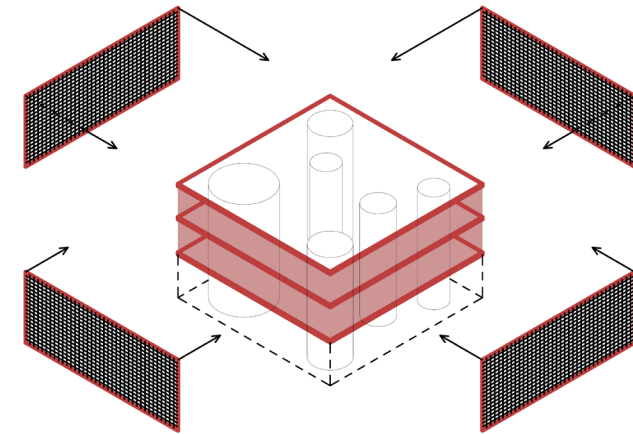
The Bonnet Carré Spillway is a flood control operation in Norco Louisiana that allows floodwaters from the Mississippi River to flow into Lake Pontchartrain and then into the Gulf of Mexico. The spillway is also located near a Shell oil refinery. The aim of this project is to create a space that allows for clear viewing of the spillway as well as mitigating toxic fumes from the nearby oil refineries.



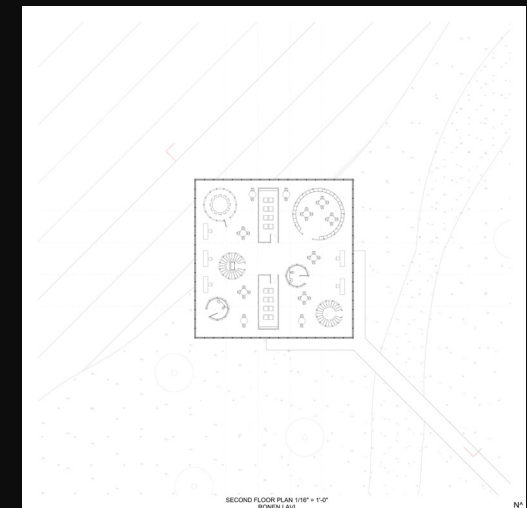
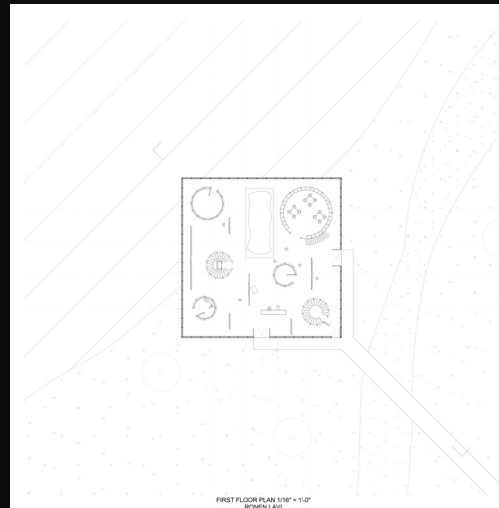
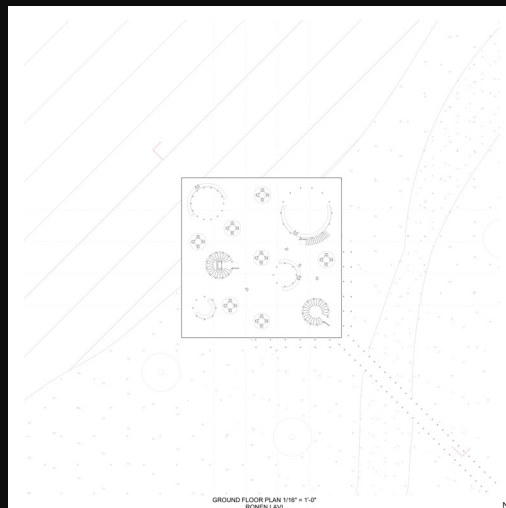
NATURAL LIGHT AND STRUCTURAL GRID

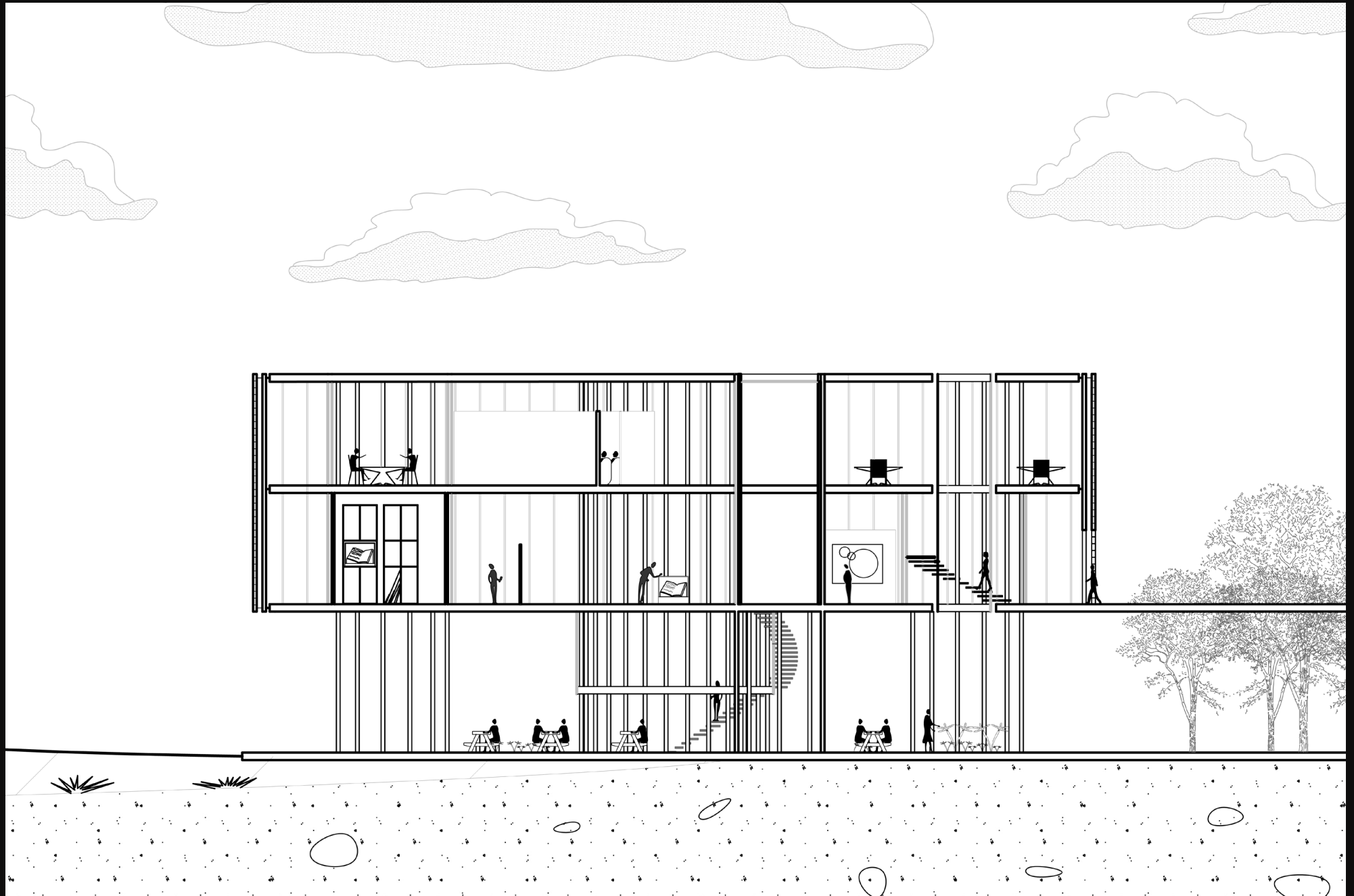


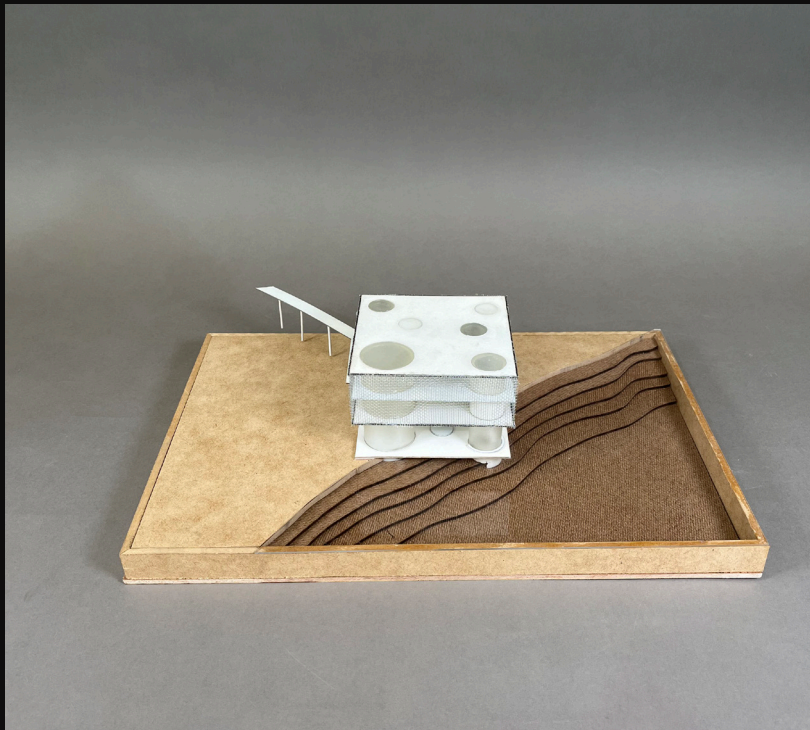
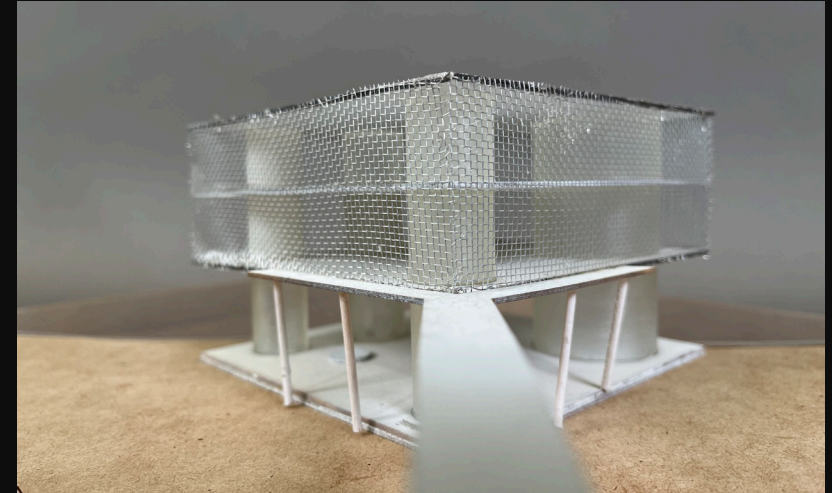
STRUCTURAL CONSOLIDATION

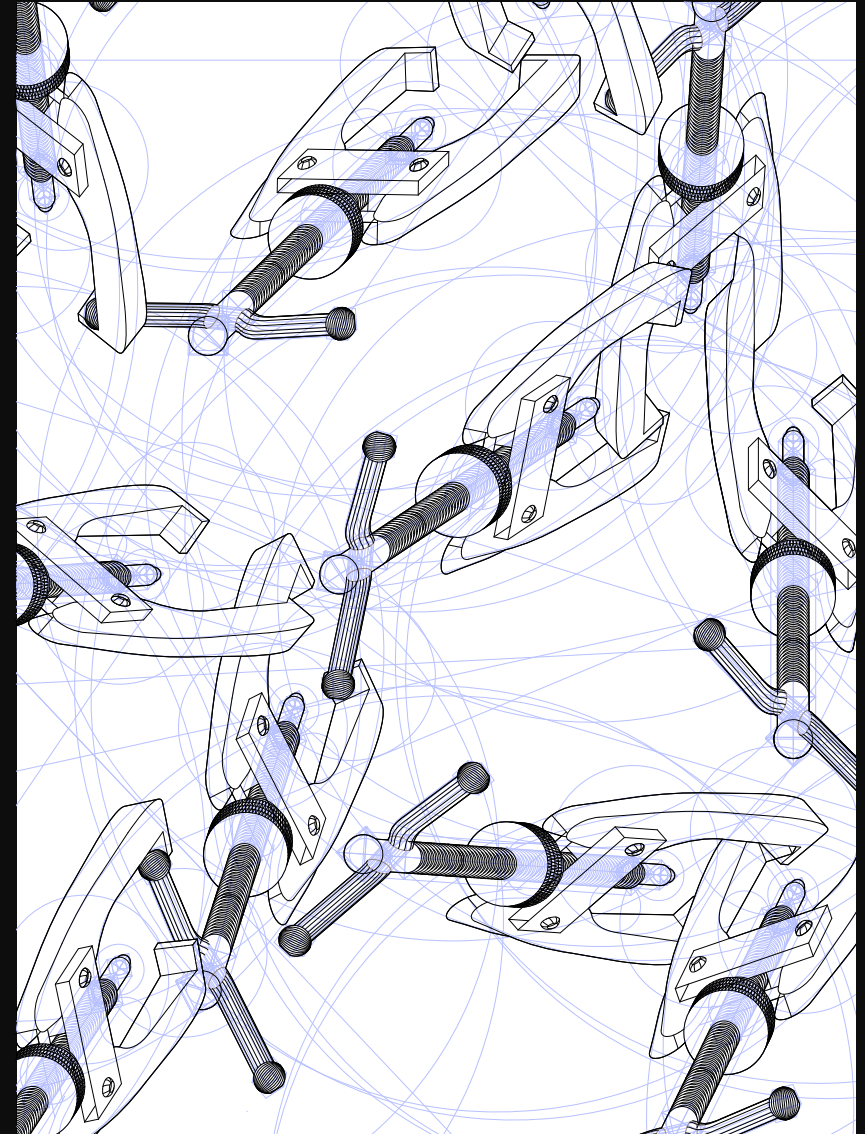
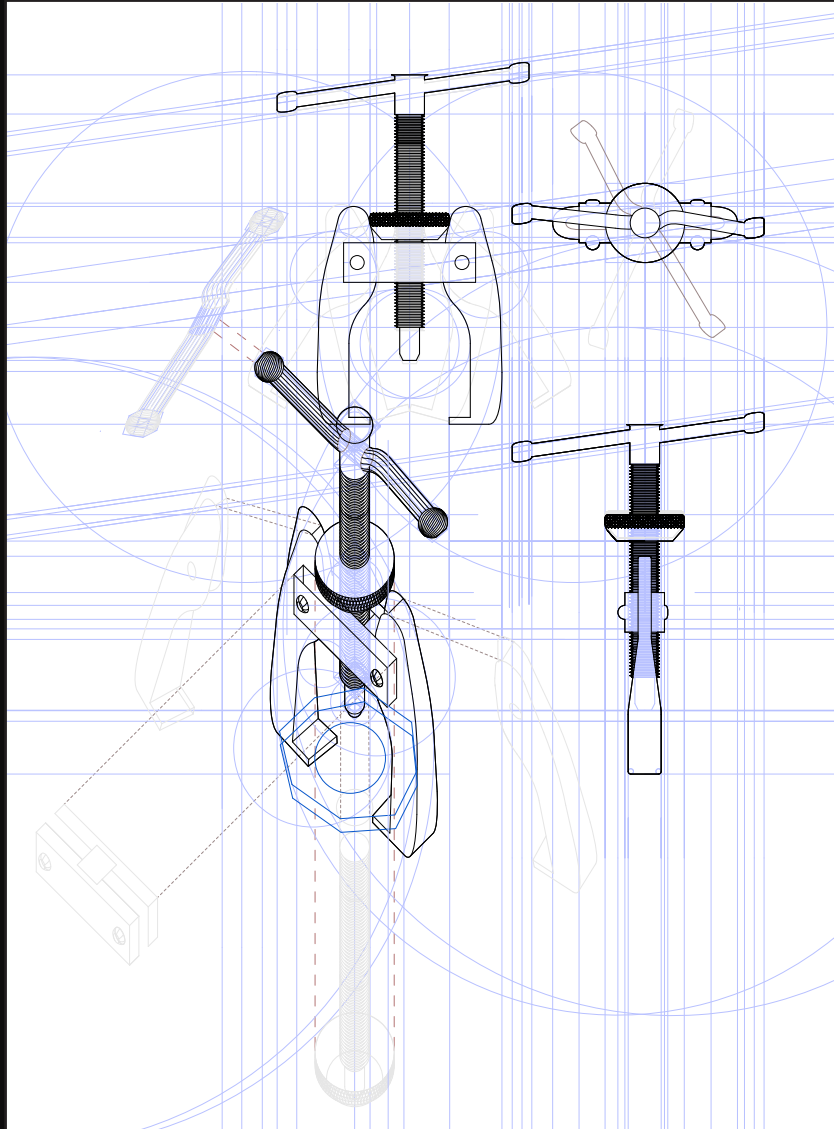


ABSORVATIVE SKIN (TOXIC EMISSIONS)







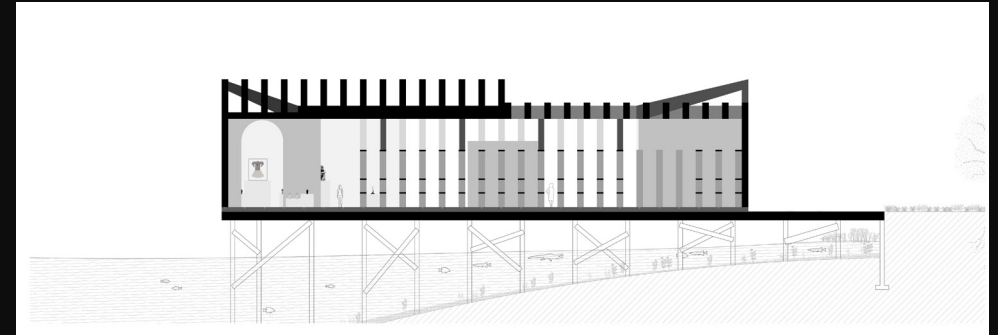
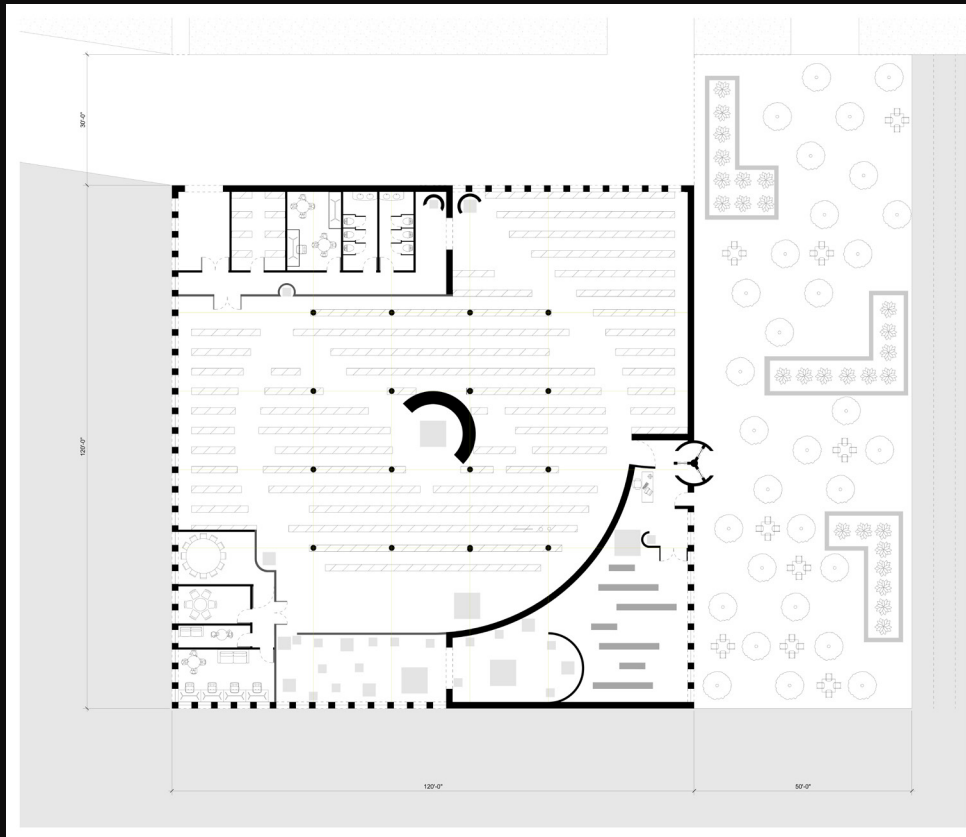


This project aims to understand and diagram the intricacies and details of a vintage tool.

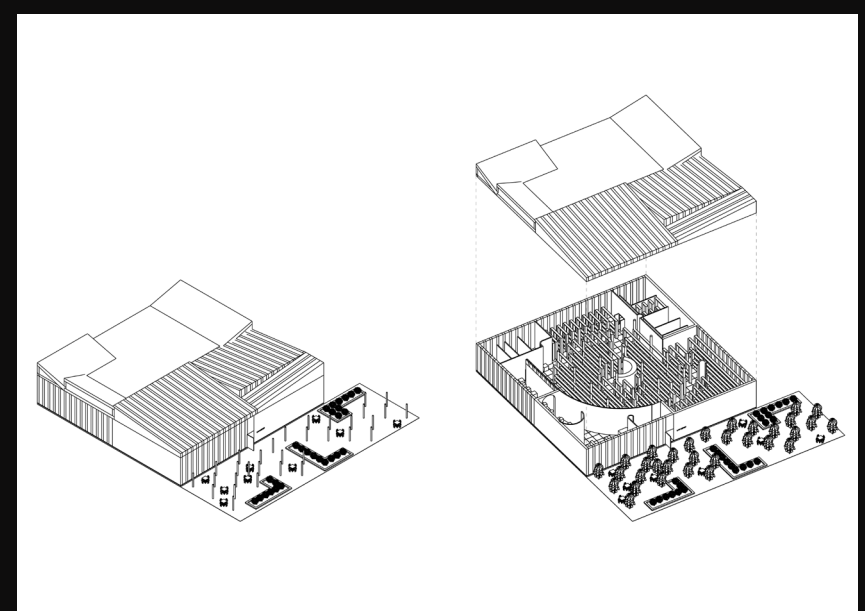
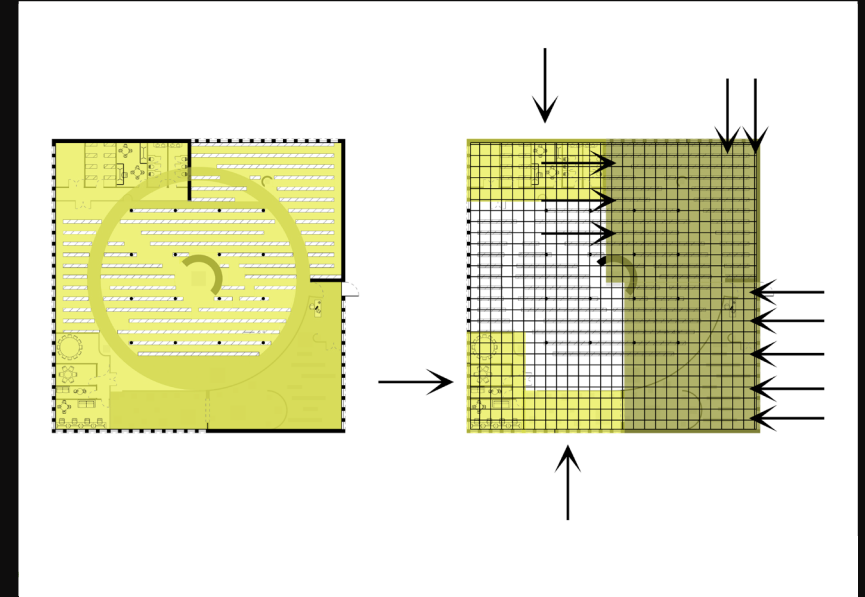
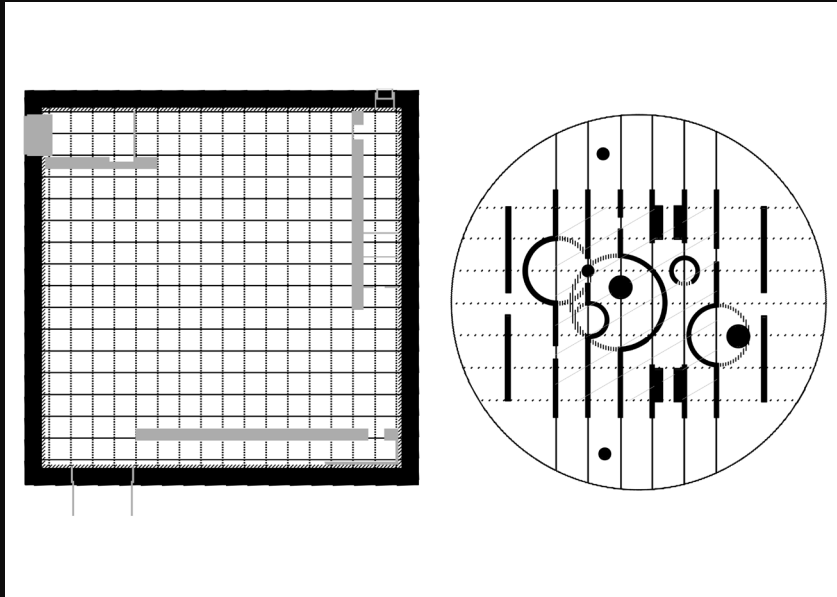
diagrams made with rhino

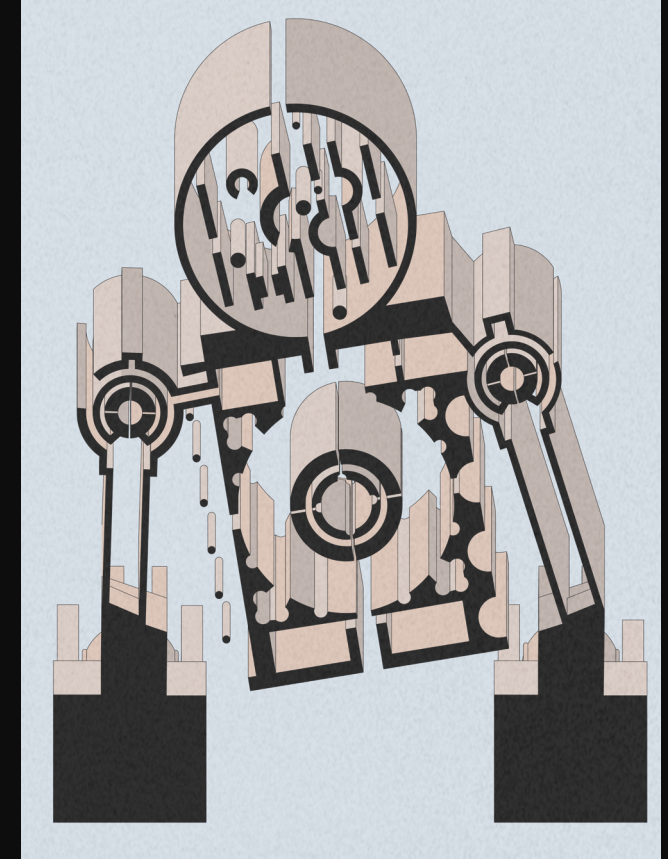
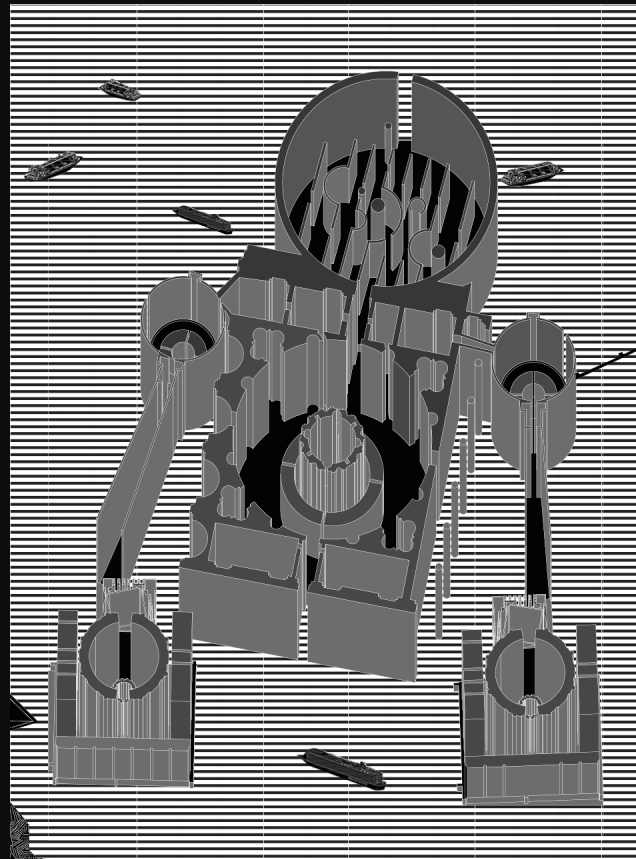
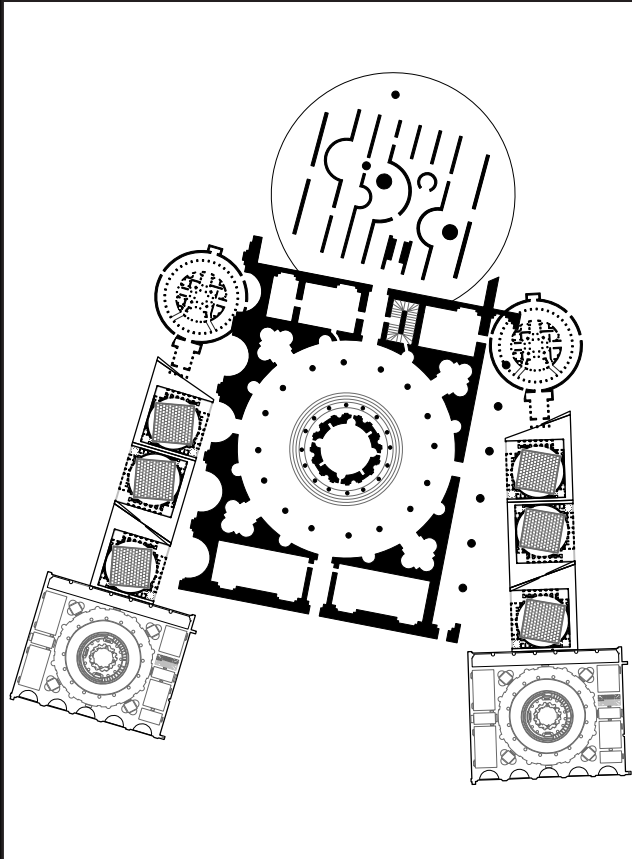
Ronen Lavi

Professor Andrew Liles



This project aims to create a storage space for various archive pieces in Tulane University's collection as well as a gallery space for visitors. This project took inspiration from Kunsthau Bregenz for the exterior walls and Sonsbeek Pavilion for the interior organization.





This project aims to create a robot like structure using famous architectural plans such as the Pantheon, Bait Ur Rouf Mosque, Bramante Tempietto and Sonsbeek Pavillion. Another goal was to simplify those forms so they can be 3d printed.



Student designed and built a Sukkah for Tulane students to use during the holiday of Sukkot.

designed using rhino and grasshopper, then built with woodshop equipment

Ronen Lavi

Tulane School of Architecture

RONEN LAVI ARCHITECTURE PORTFOLIO



Email rlavi@tulane.edu
Website ronenlavi.com