Selected Works -Christopher Kumaradjaja

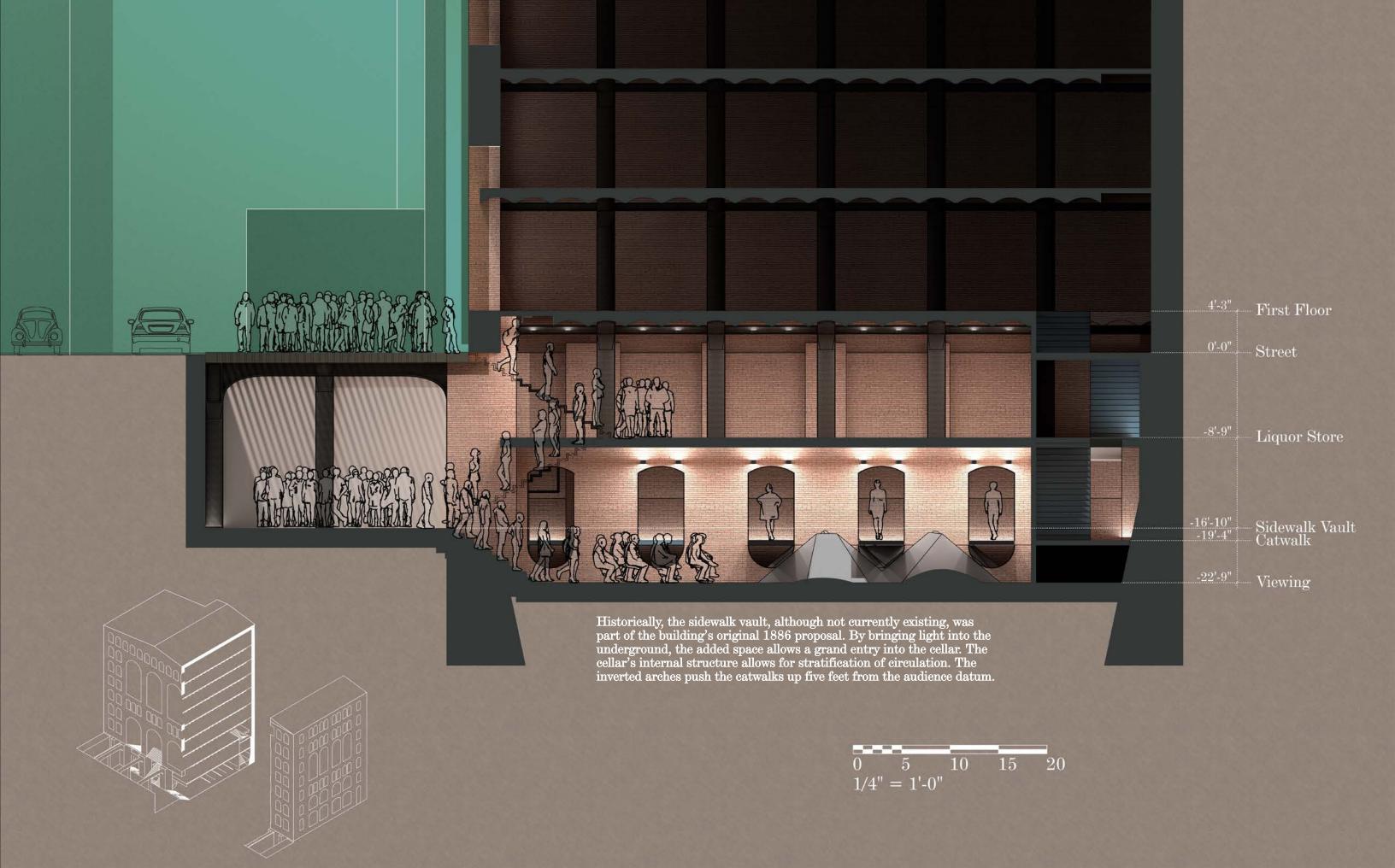
1. UNDERGROUND	
2. THE CUT	
3. GLACIERS	
4. TRAILS OF MEMORY	
5. MUSEUM OF WATER	
6. LIGHTHOUSE	



Here, "UNDERGROUND", visitors are compelled to examine the interface between material, soil, and debris at a part of a building most don't see: the cellar. At the bottom of the historic De Vinne Press Building, a public events space with catwalks divides the horizontal datums into five. As an event space outfitted for fashion shows, both performers and spectators are separated into different heights and engage with the material environs in different ways.

"UNDERGROUND"

Performance Venue NoHo, New York September - December 2021 CORE Studio I Critic: Amina Blacksher

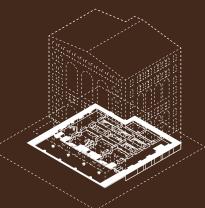


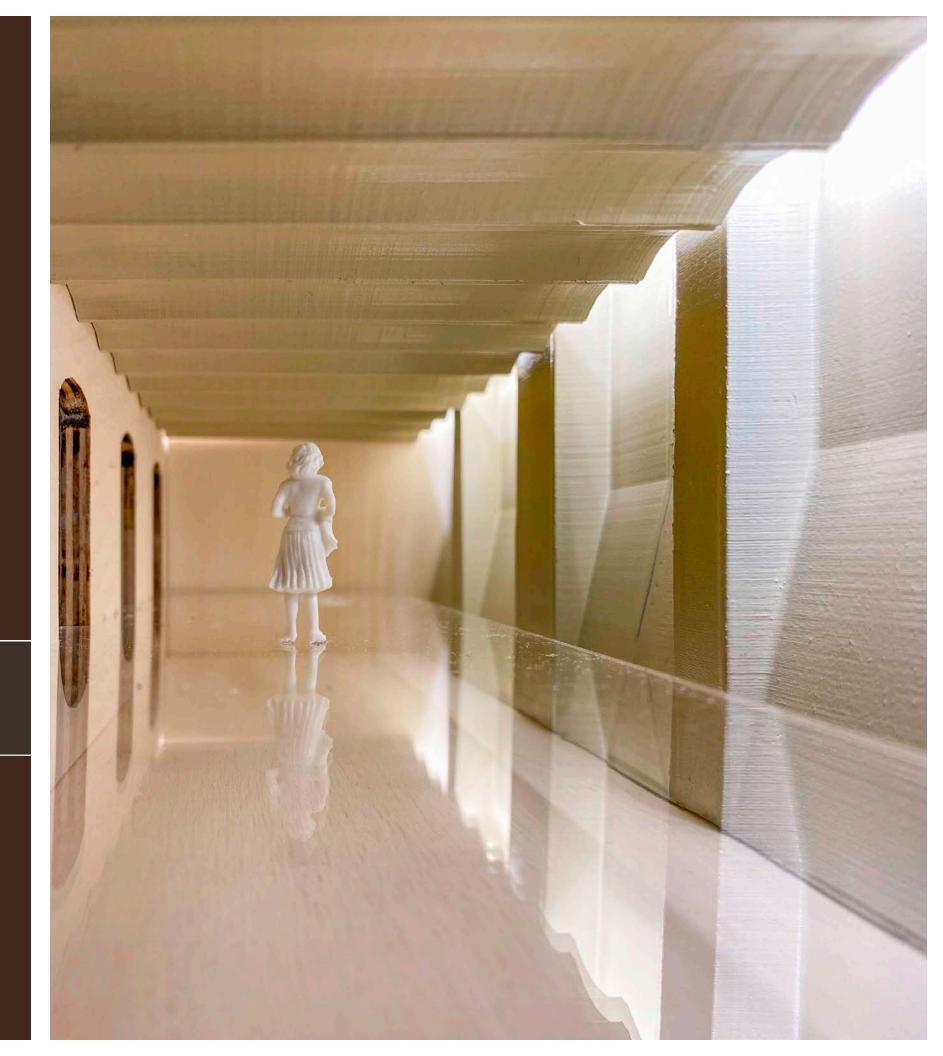
East 4th Street



Audience Flow
Performance Flow

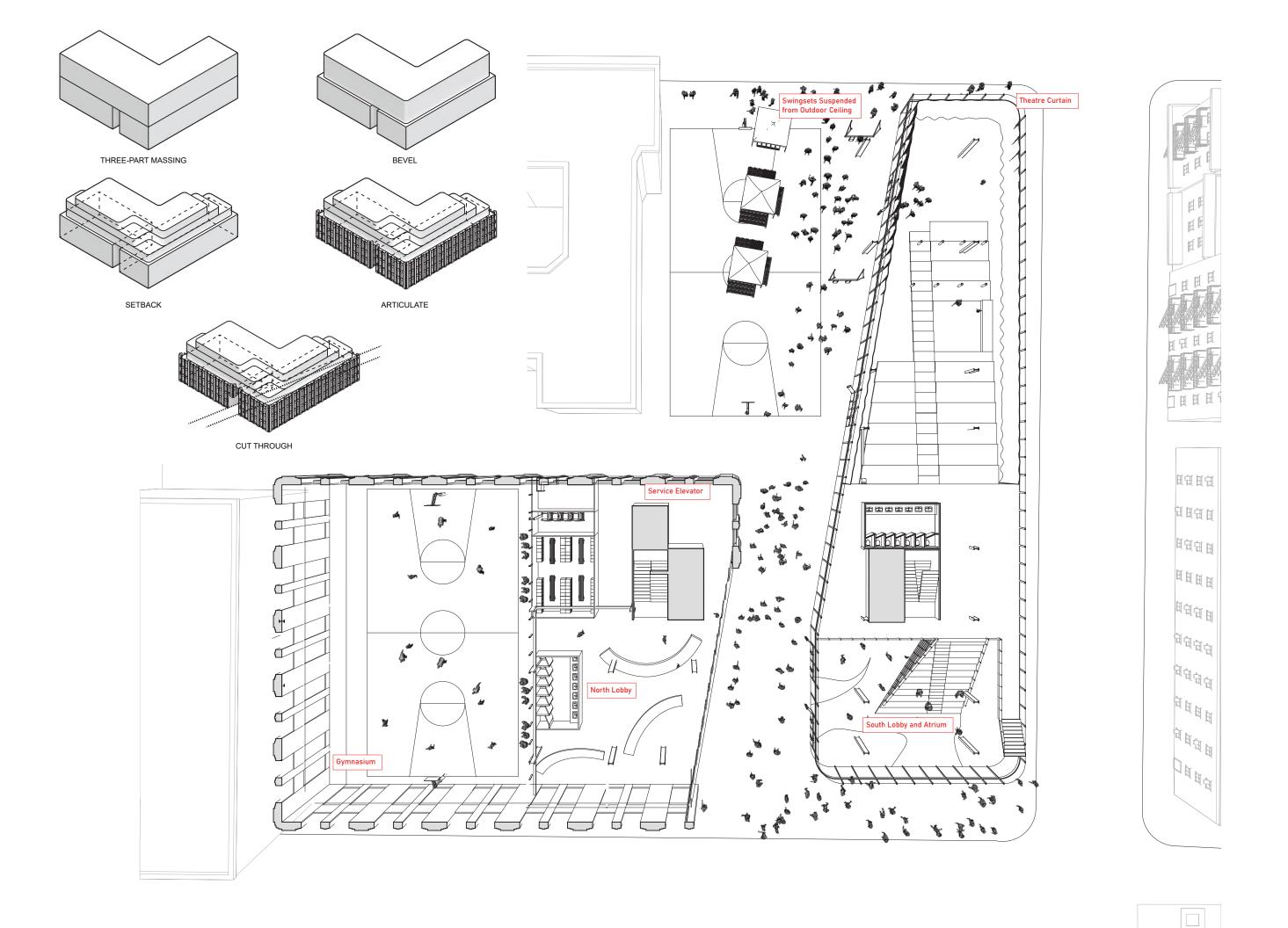
The hierarchy of structure, the girders and vaulted ceilings, and the load bearing piers divide the space into two axes, two grains. The performance grain emerges from the back of the house, while the audience rushes in from the front.

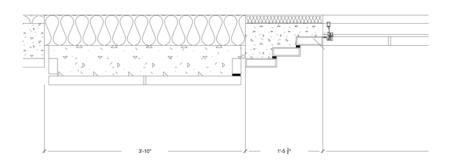


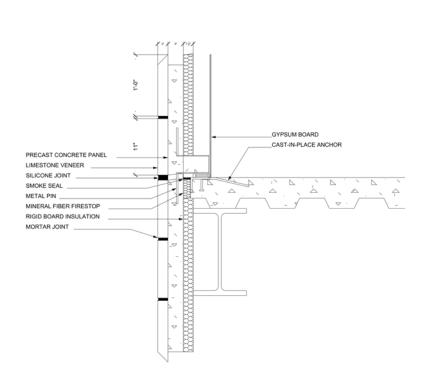


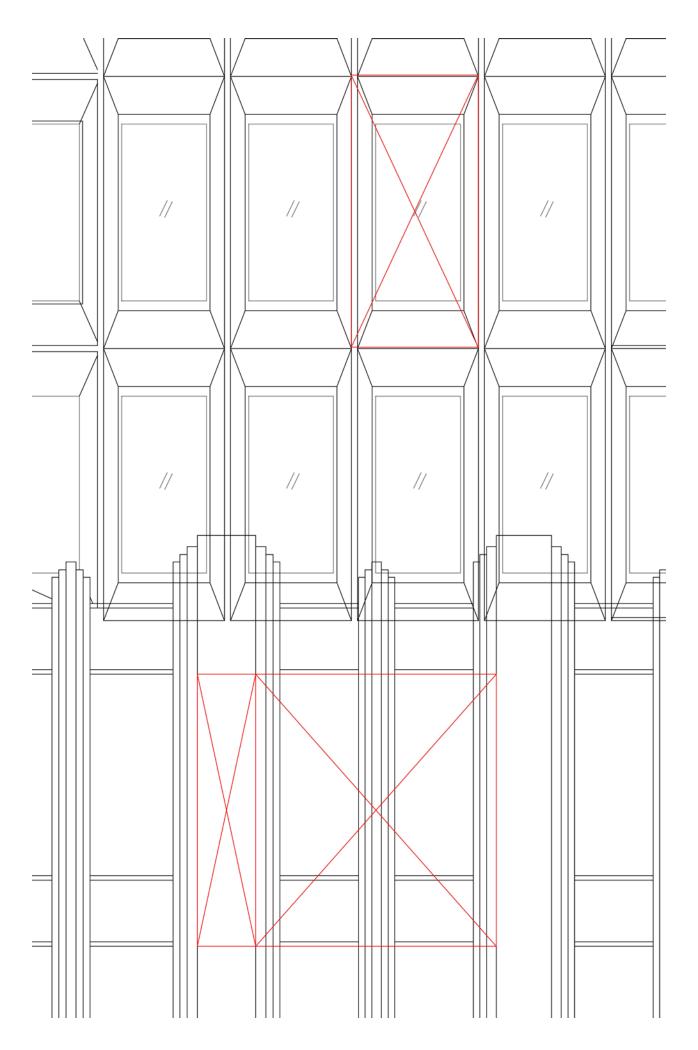


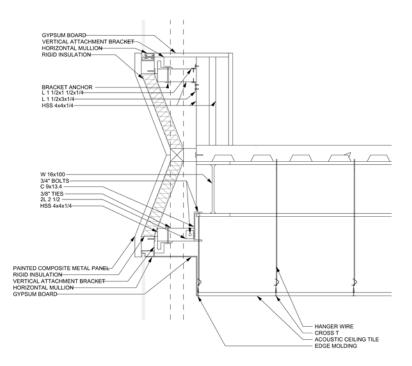


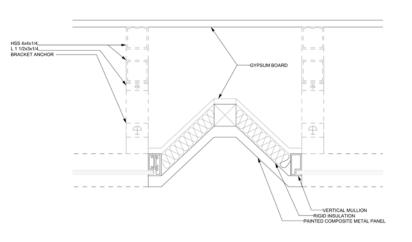


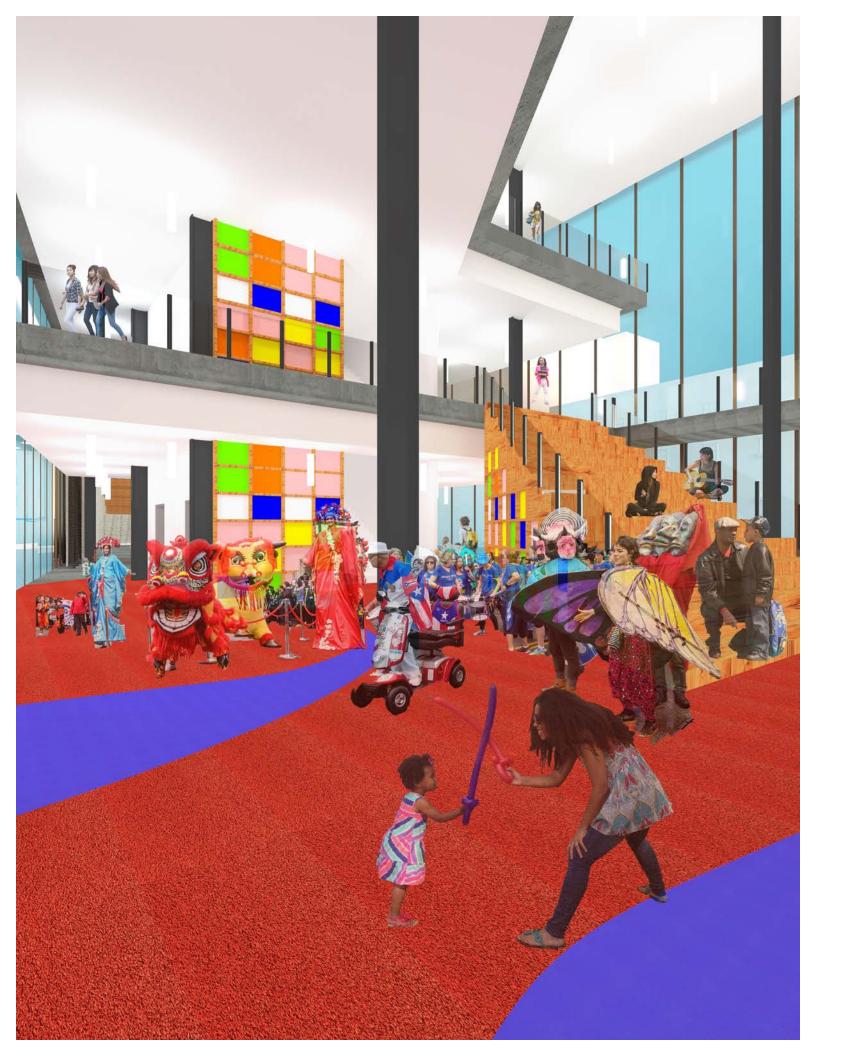


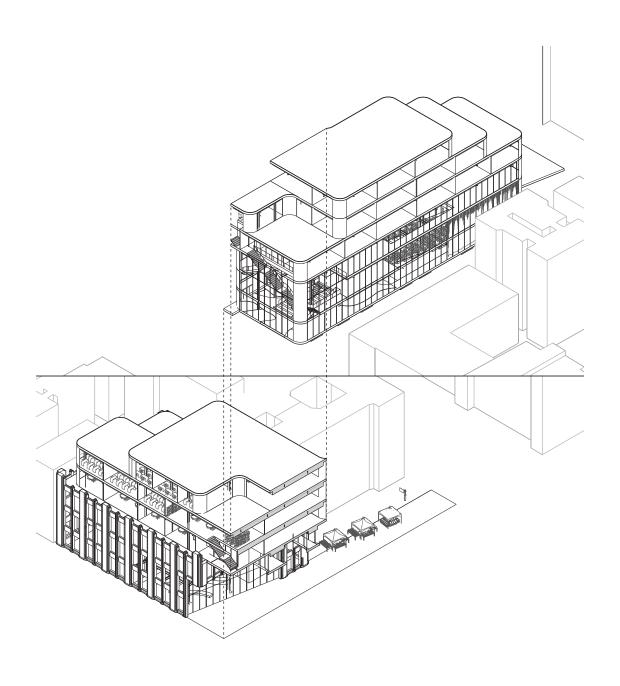


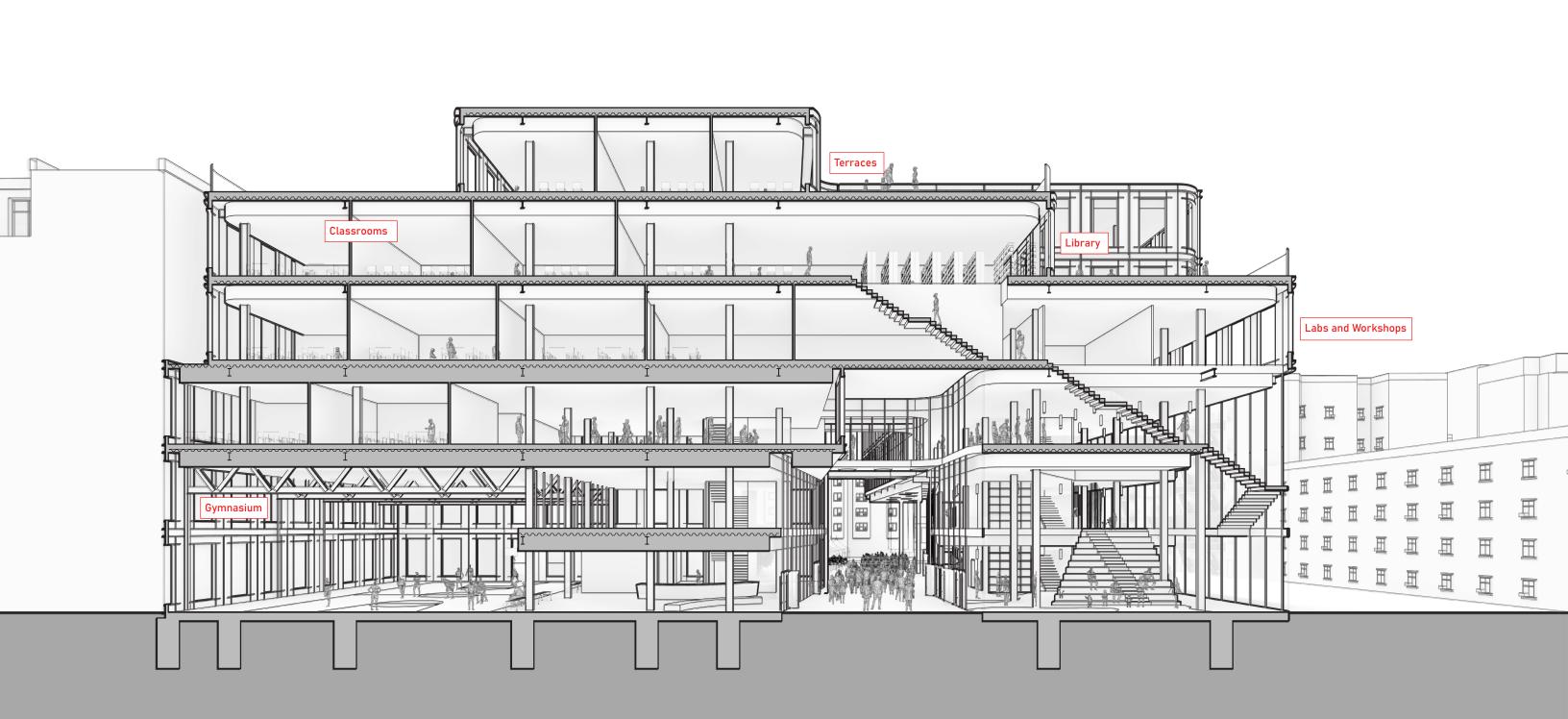




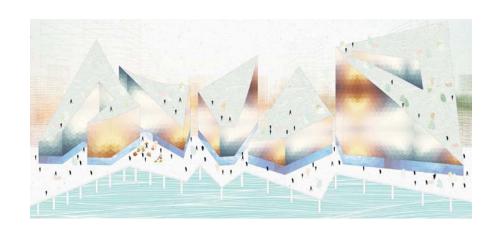








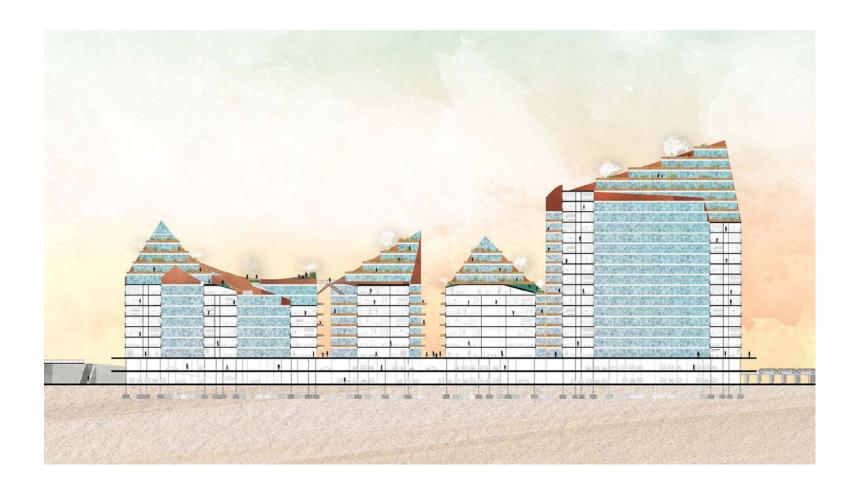


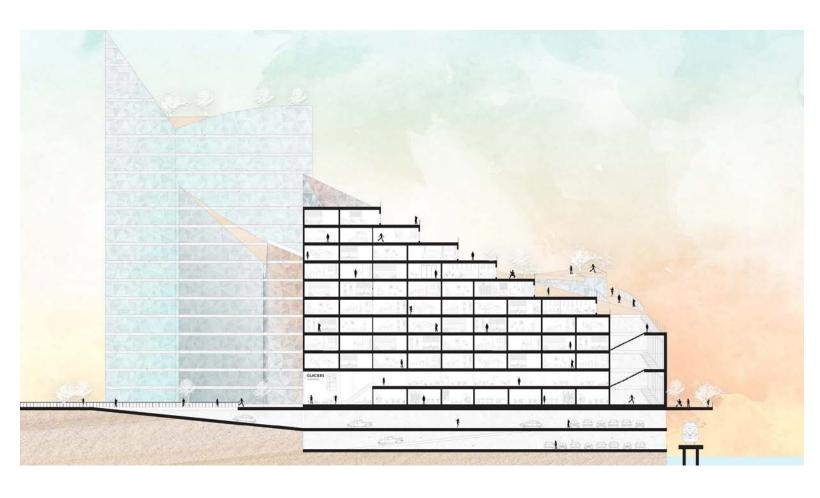


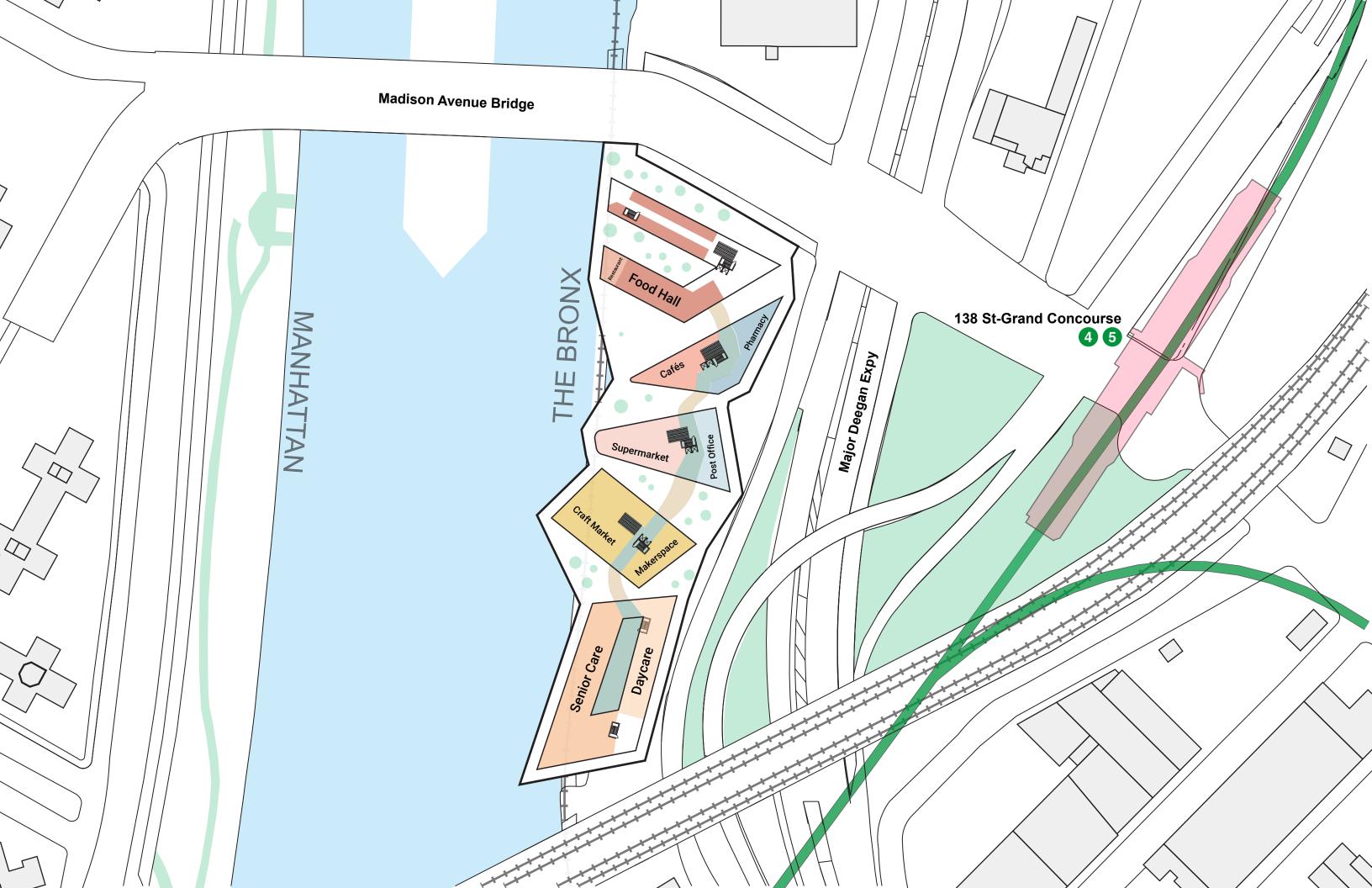


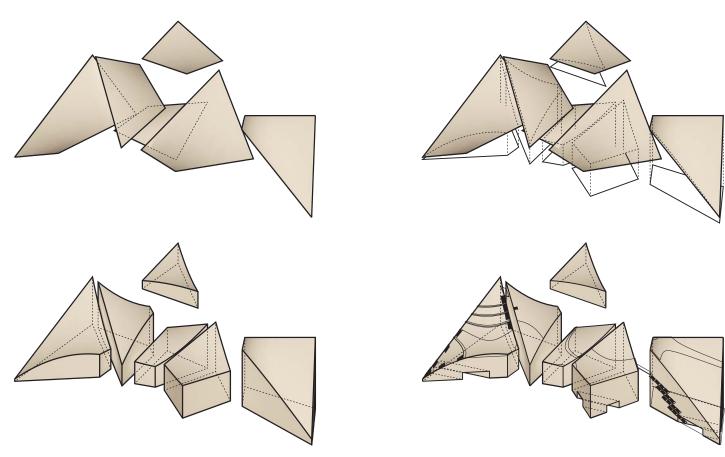




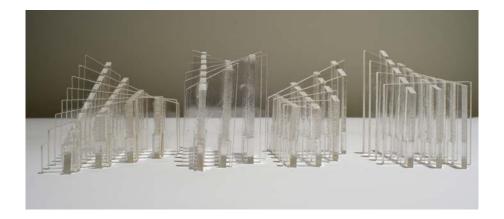








The geometry of "GLACIERS" is primarily comprised of a series of hyperbolic paraboloids. They are curved surfaces that can be constructed completely of straight lines. The highest vertices allow penthouses, townhouses, and gardens to line the peaks of these glaciers.



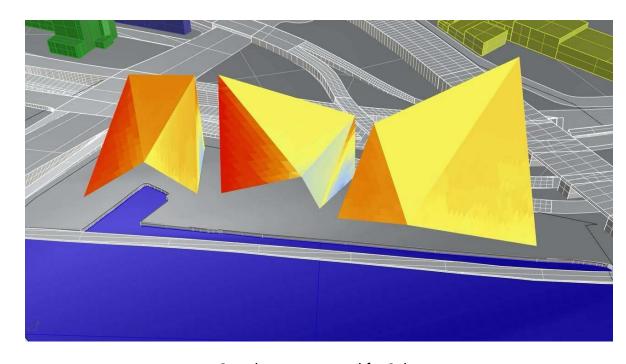




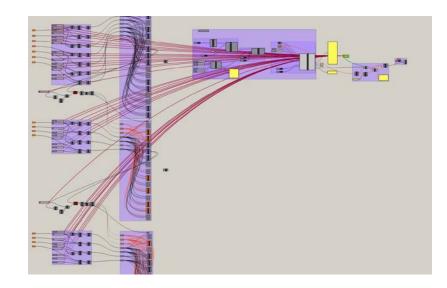




The effect is most noticeable when the massing is discretized.

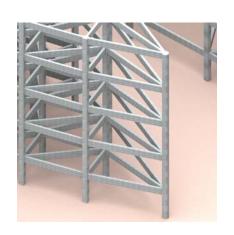


Grasshopper was used for Solar Radiation optimization, hyperbolic paraboloid generation, and efficient structural design.



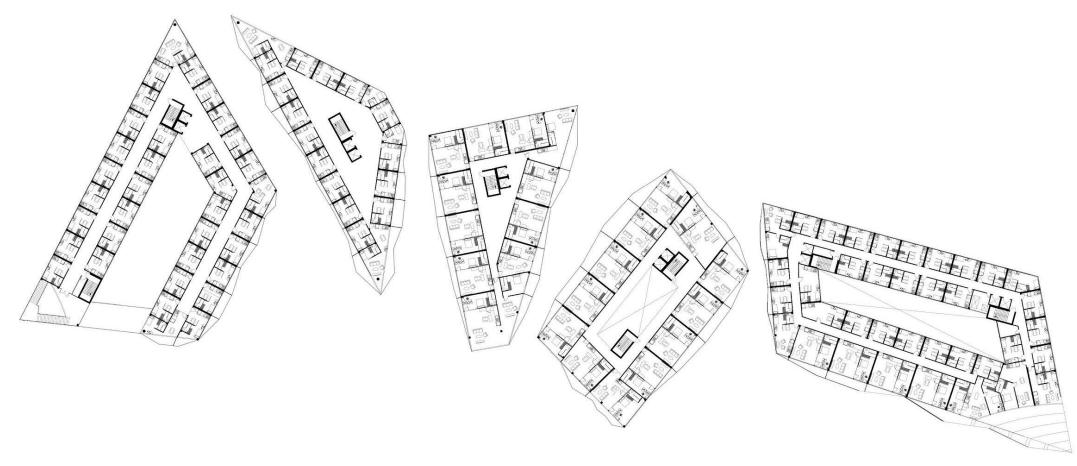


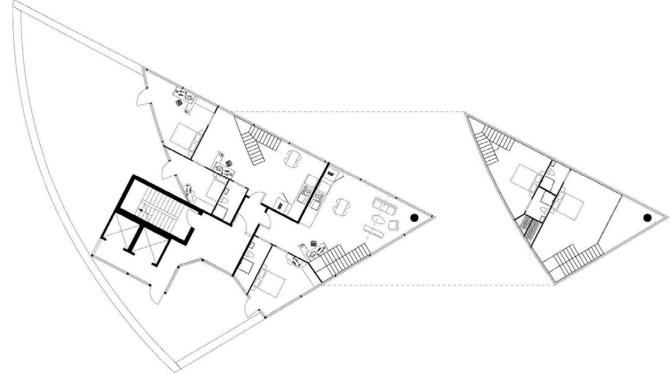






CLT Floors sit atop reinforced concrete beams and columns.

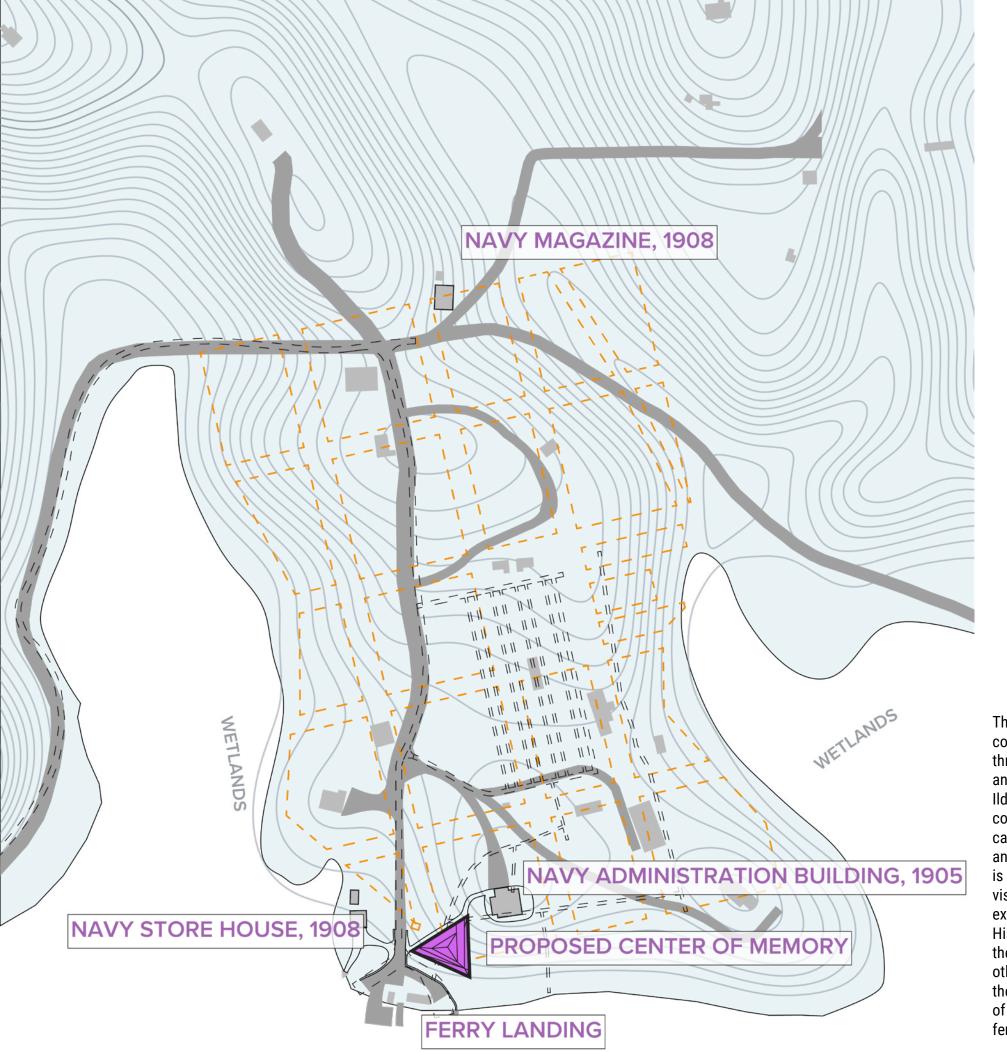




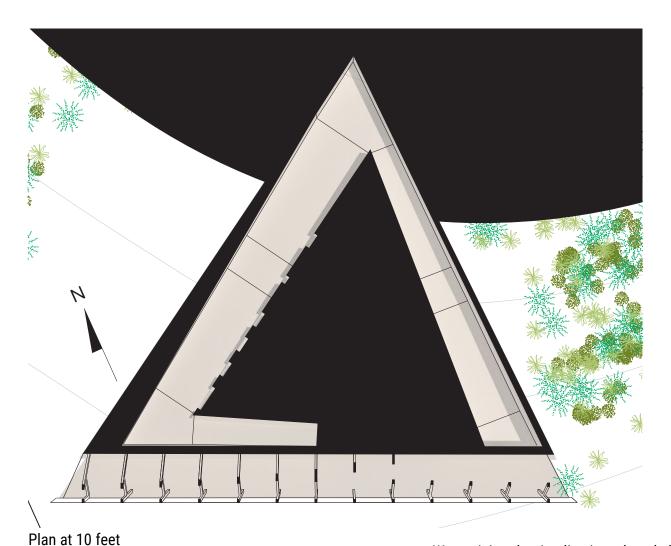
Left: At the uppermost floors, units are divided into duplexes with gardens.







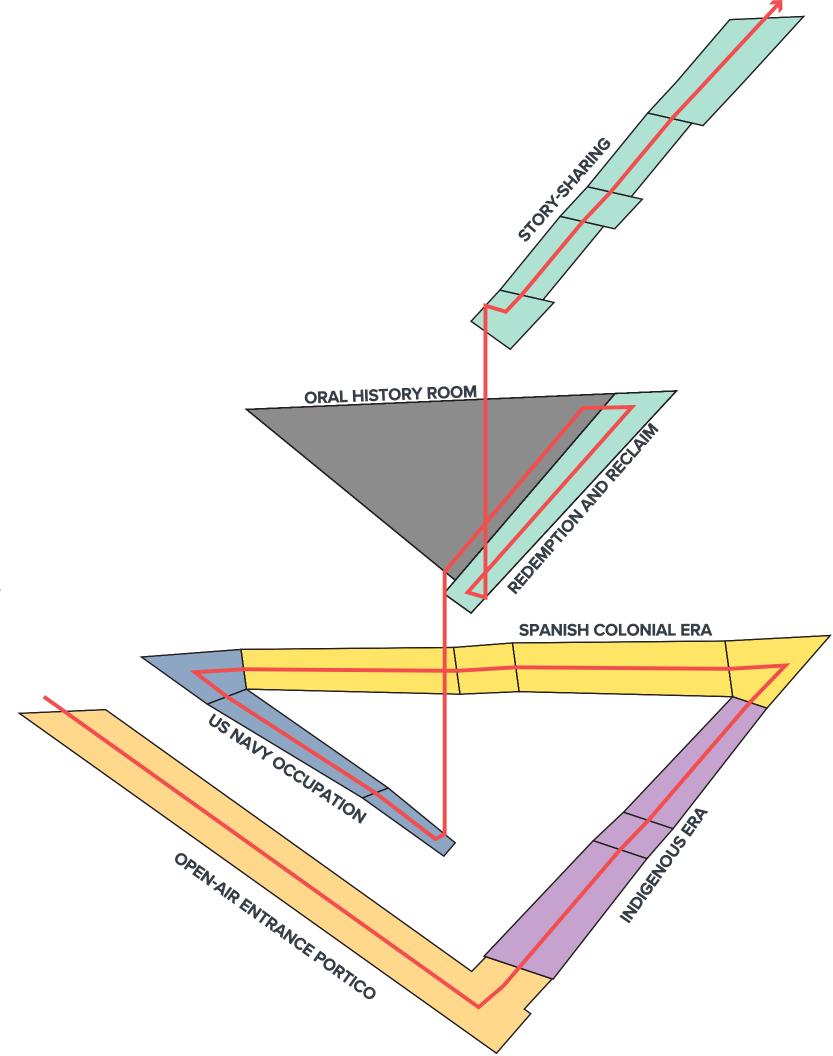
This proposal addresses these two aspects, the contextualization of both artifacts and oral histories, through a construction: a new home for the artifacts, and an oral history center. As mentioned, San Ildefonso has two hidden histories: the unrealized colonial settlement plan, and the traces of the Navy camp. In this site plan, they are dotted in orange and gray respectively. The structure's triangle shape is derived from the need to maintain circulatory and visual corridors from the ferry landing and the two existing historic Navy buildings. In this map, the History Museum is a ten-minute walk uphill. By moving the museum downhill, it remains contextual with the other nodes on the San Ildefonso campus. Although the ferry landing is not currently in use, the placement of the museum anticipates the ease of access that a ferry landing would bring.

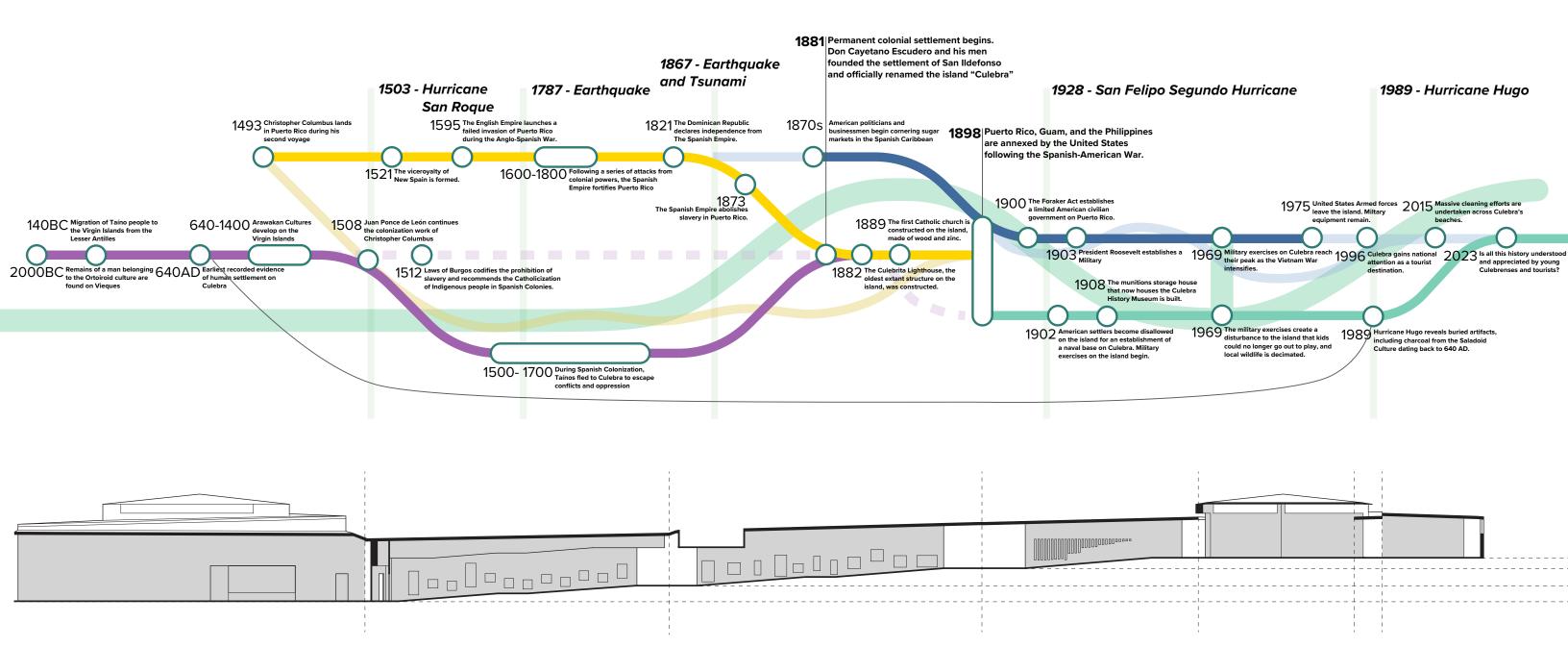


We envision the timeline introduced above as a singular path inside the museum. Linearizing the timeline allows visitors to be "primed" for the stories to come. The entire museum is arranged in a gentle ramp, which provides a subtle ascent.

First, artifacts pertaining to the pre-Columbian era, such as the pottery and campsite remnants, are on display. After turning the corner, documents and pieces related to trade and empire, and stories relating to Spanish colonization are on display and told. However, as the history progresses, with the American annexation of Culebra, the corridor upon the next turn becomes darker and narrower, evoking the direness of being under occupation.

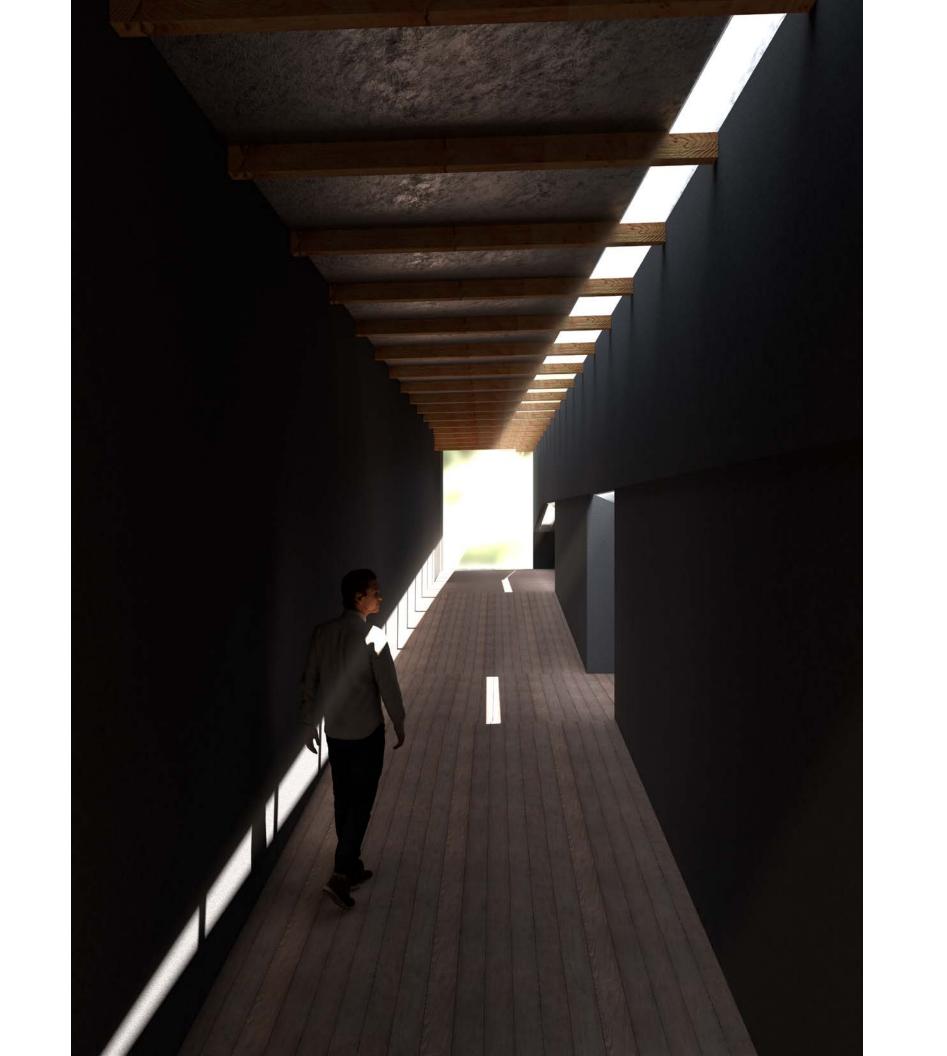
Once visitors are primed for the climax of this history, the path culminates in a dark room, where oral histories and documentaries are screened. This large space can also invite meetings and commemorative events, as it was sized to hold twenty people holding hands in a circle. Upon exiting the oral history room, history continues. What now? The large forces of gentrification and tourism make a complex future for Culebra. This last stretch is for those to reflect and to engage with the history that has been written, with the books by the elders on display to keep the stories alive.









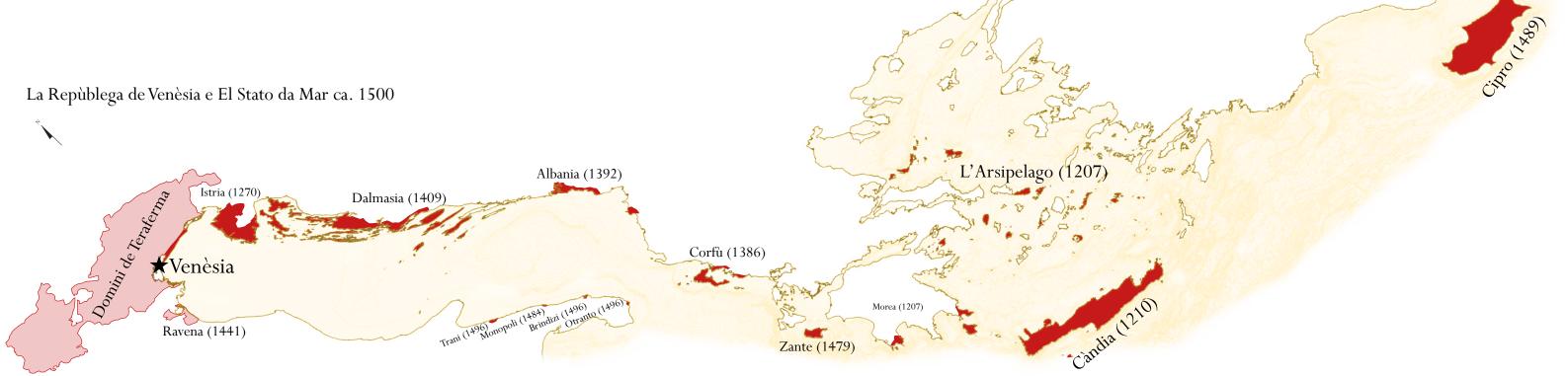


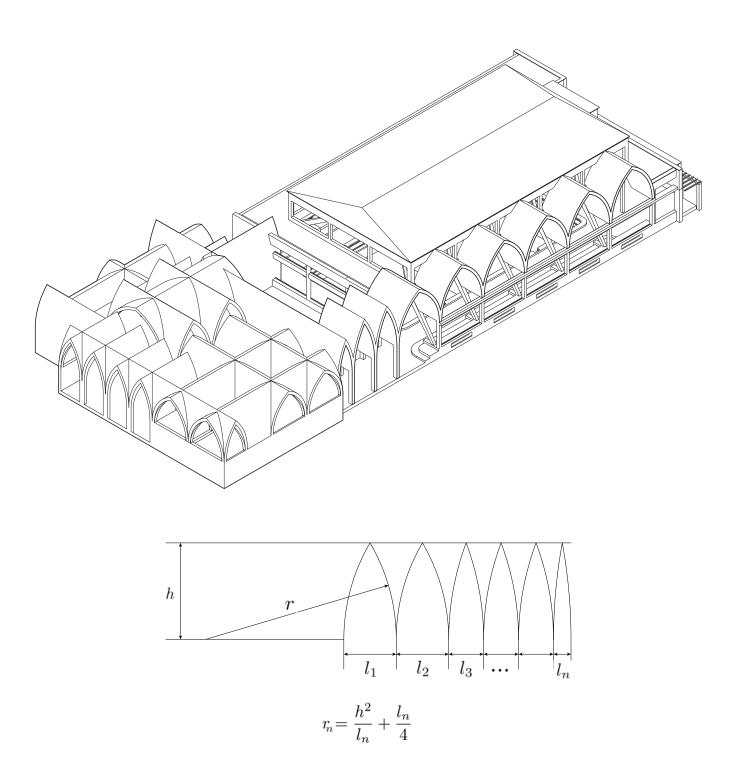




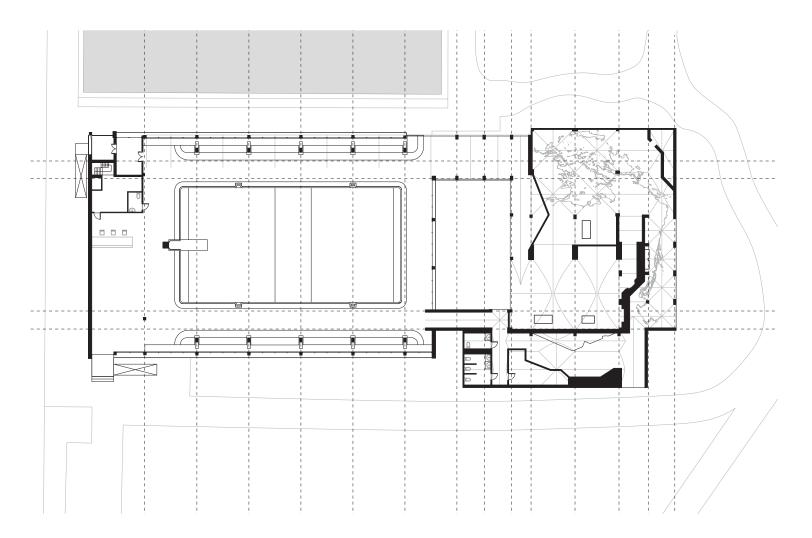


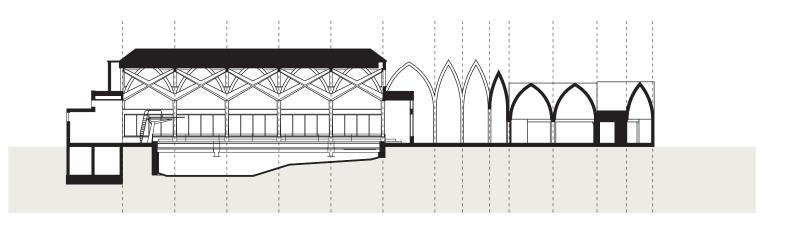






This addition to the original pool building consists of a series of pointed arch vaults, which direct museumgoers through the exhibition. Crossings are signified with groin vaults. Constraining height, radius was derived in terms of a variable span and a fixed height.



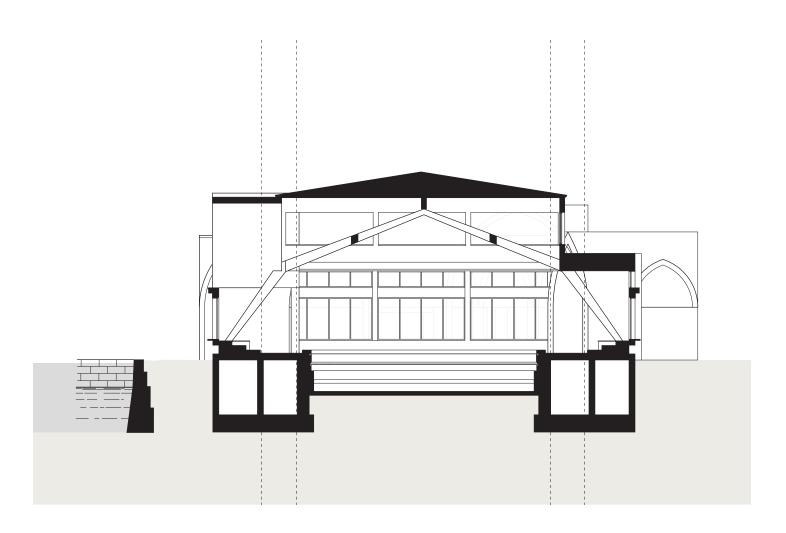




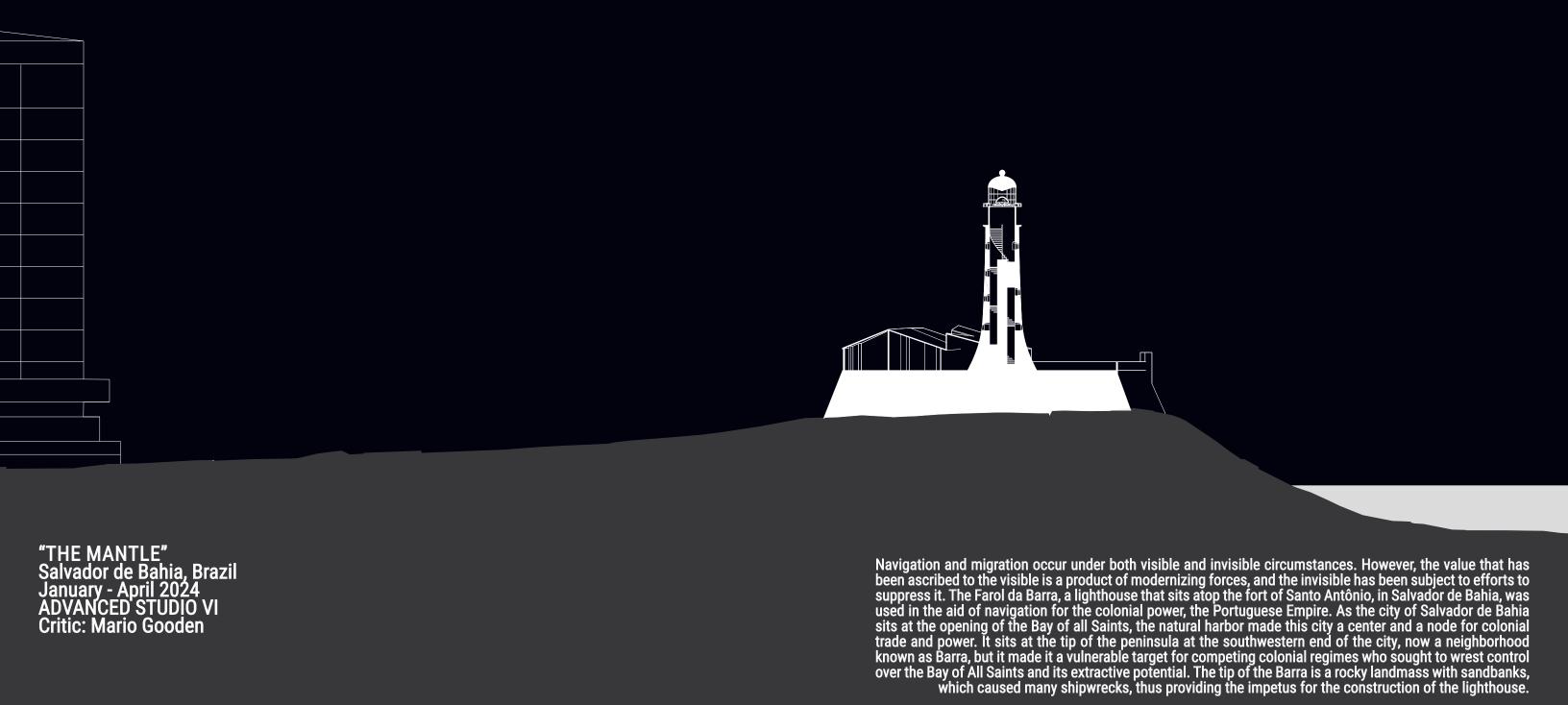
Pool Building: Current Condiitons

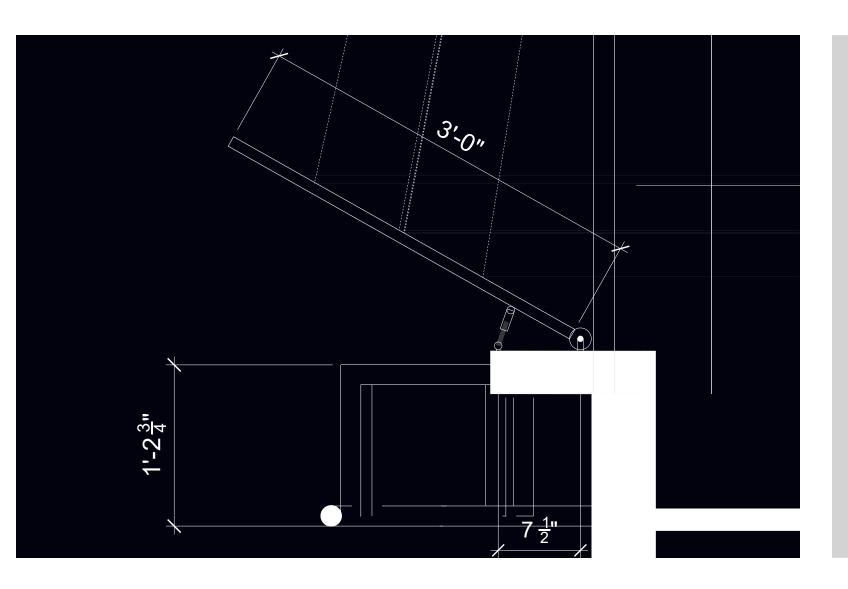


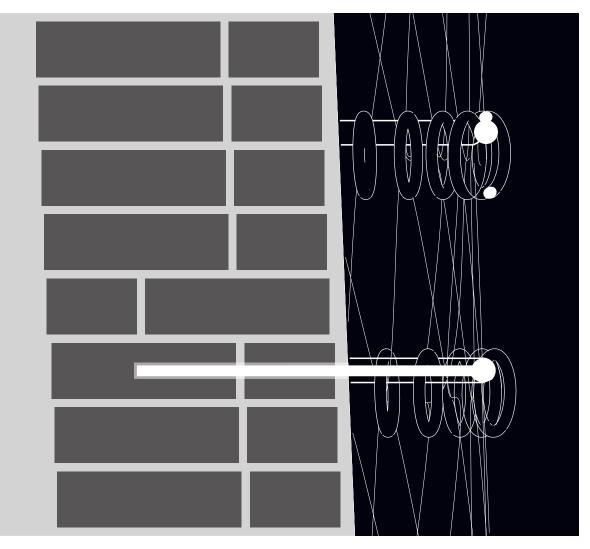
Pool Building: Proposed Conditions



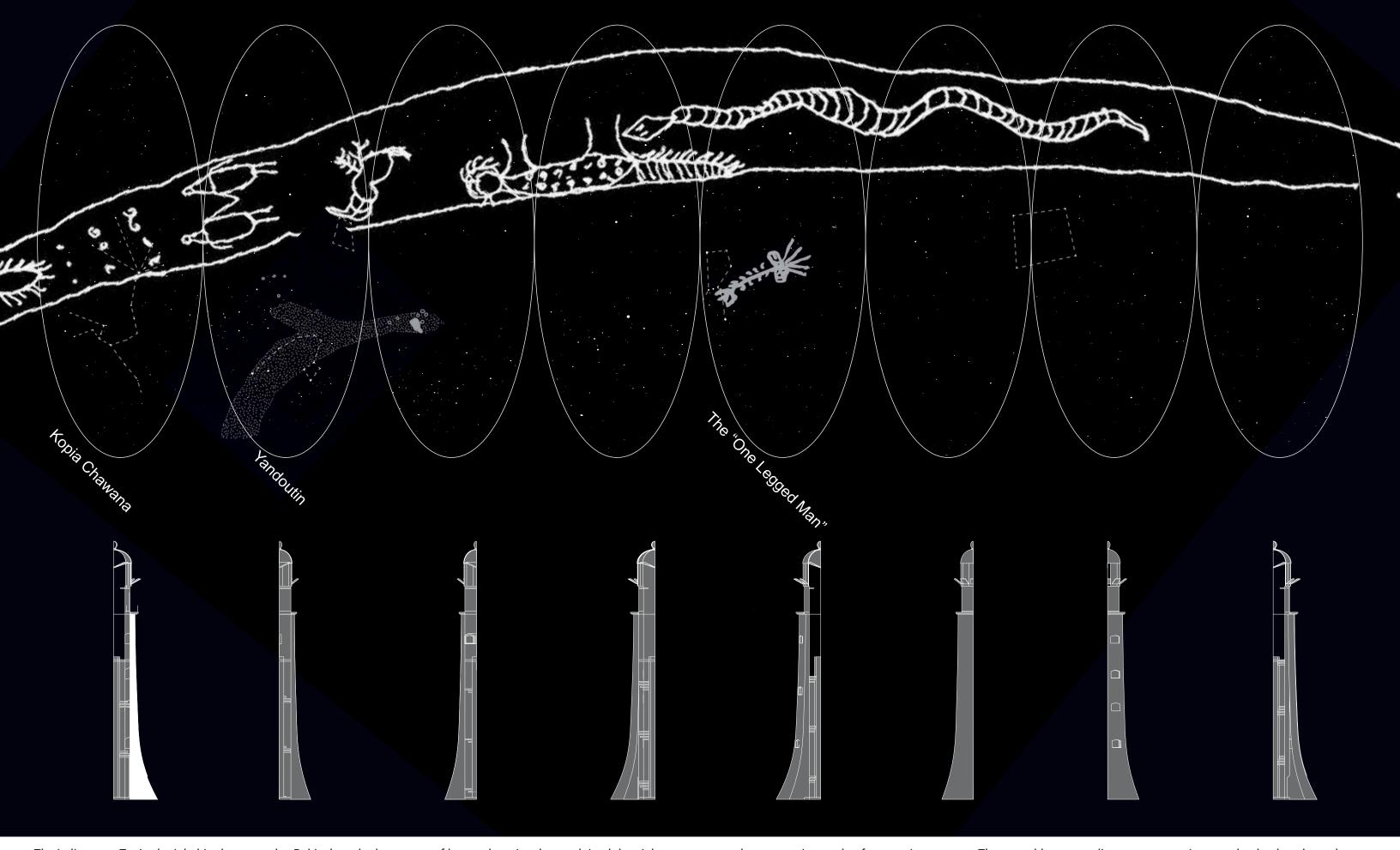








A series of refractors and reflectors are installed at the top that can relay information from the stars for a didactic and evocative effect. This intervention harnesses the technological understanding of optics and reverses it by changing the direction in which these light is manipulated. On the surface of the lighthouse and the fort, a mantle covers the entire structure. In low light, the fabric would reduce the profile of the fort and the lighthouse to a faint blur in the nighttime landscape. This intervention reverses the colonial power of the lighthouse by obscuring it.

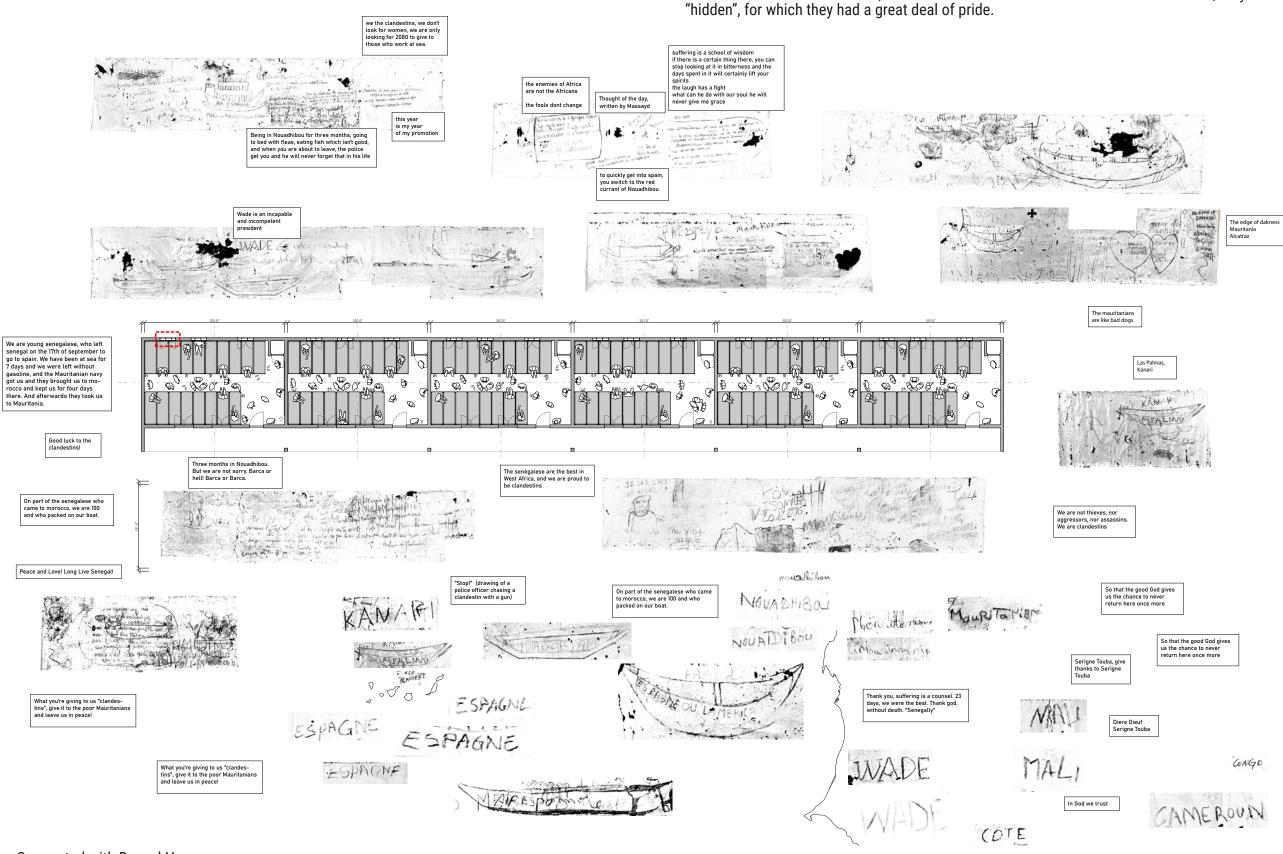


The indigenous Tupi, who inhabited present-day Bahia, have had a system of lore and stories that explained the night sky. Tupã, the Tupi word for God. Tupi Shamans were considered to be messengers of Tupã, and they were said to make frequent trips to the sky in their 'canoes', visiting constellations such as the kopia chawana. In Tupi culture, the

shaman carries a role of utmost importance. They are able to cure disease, communicate to the dead, and travel to the skies. Their tool/apparel was the mantle, that they used to assume their roles.

Navigation and migration occur under both visible and invisible circumstances. However, the value that has been ascribed to the visible is a product of modernizing forces, and the invisible has been subject to efforts to suppress it.

Take this unnamed migrant detention center in Nouadhibou, for example. Spanish artists Patricia Gómez and Maria Jesús González have meticulously documented and captured the walls of a migrant detention center in Mauritania. This center, which did not have an official name, was primarily active in the mid-to-late 2000s and was converted from an old elementary school. The migrants referred to themselves as "clandestins", the French word for "undocumented". But in a sense, they are also "hidden", for which they had a great deal of pride.





Alien Epistemology Drawing Workshop

