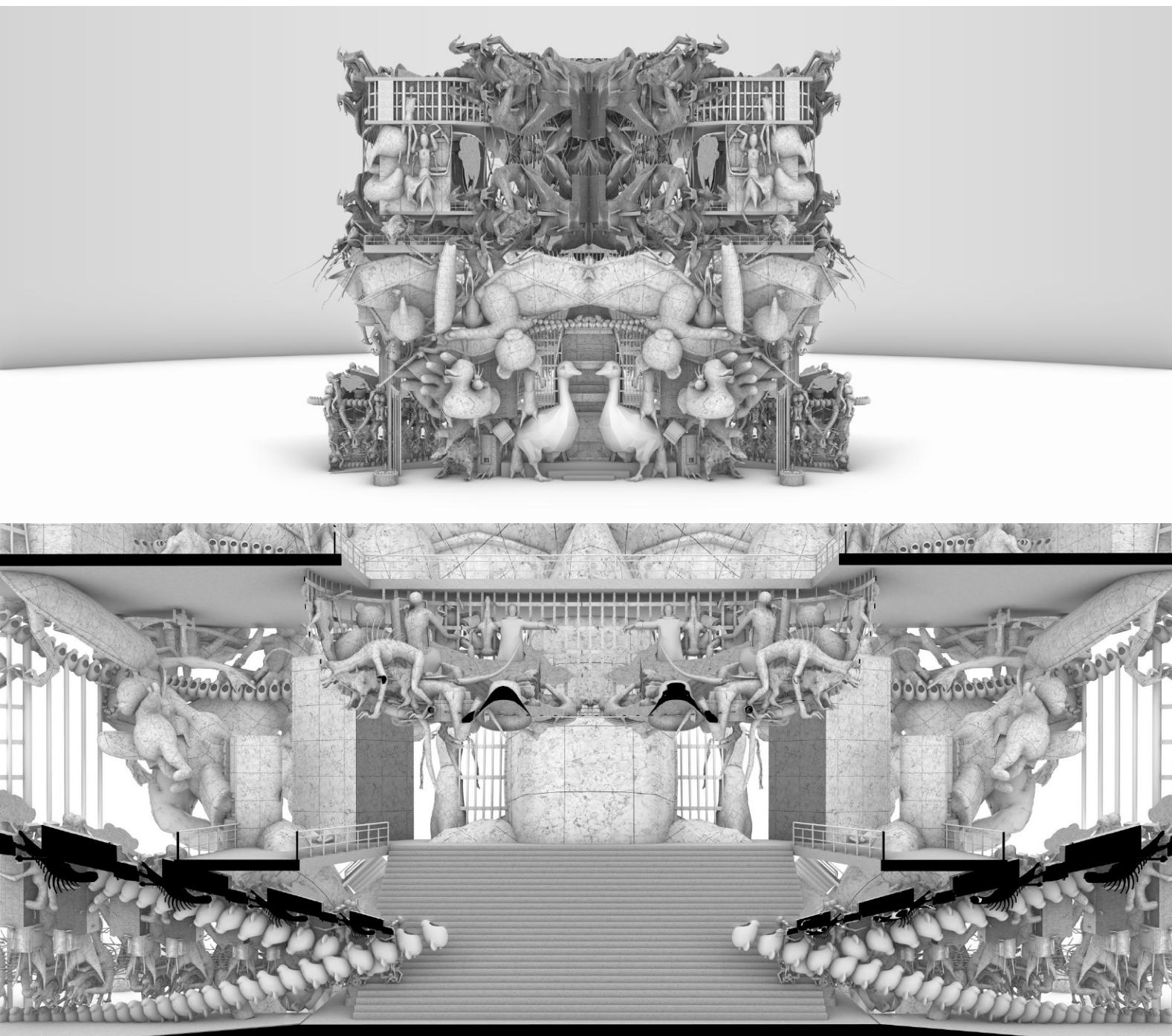
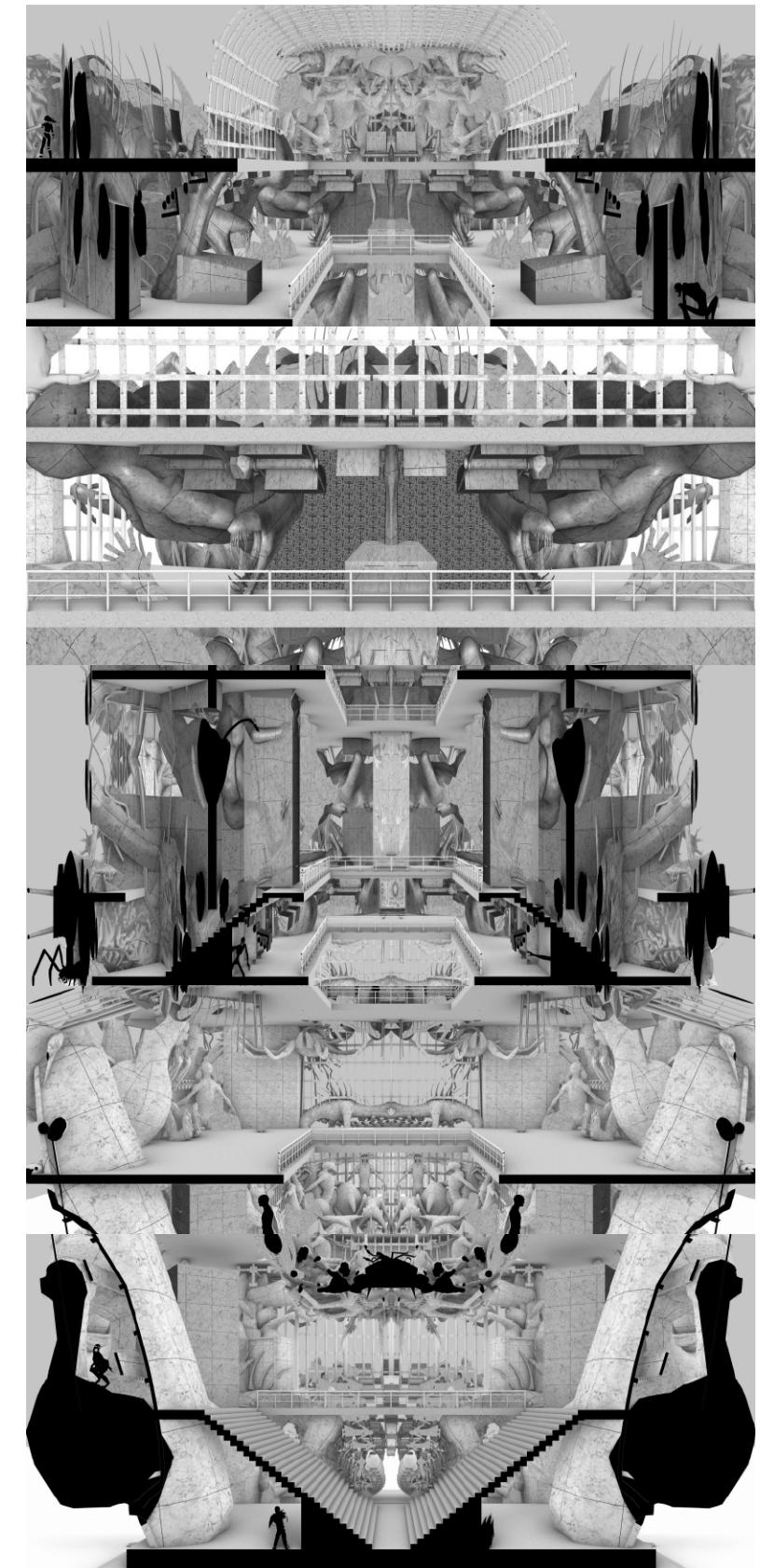


NOAH CHARLES LIAO

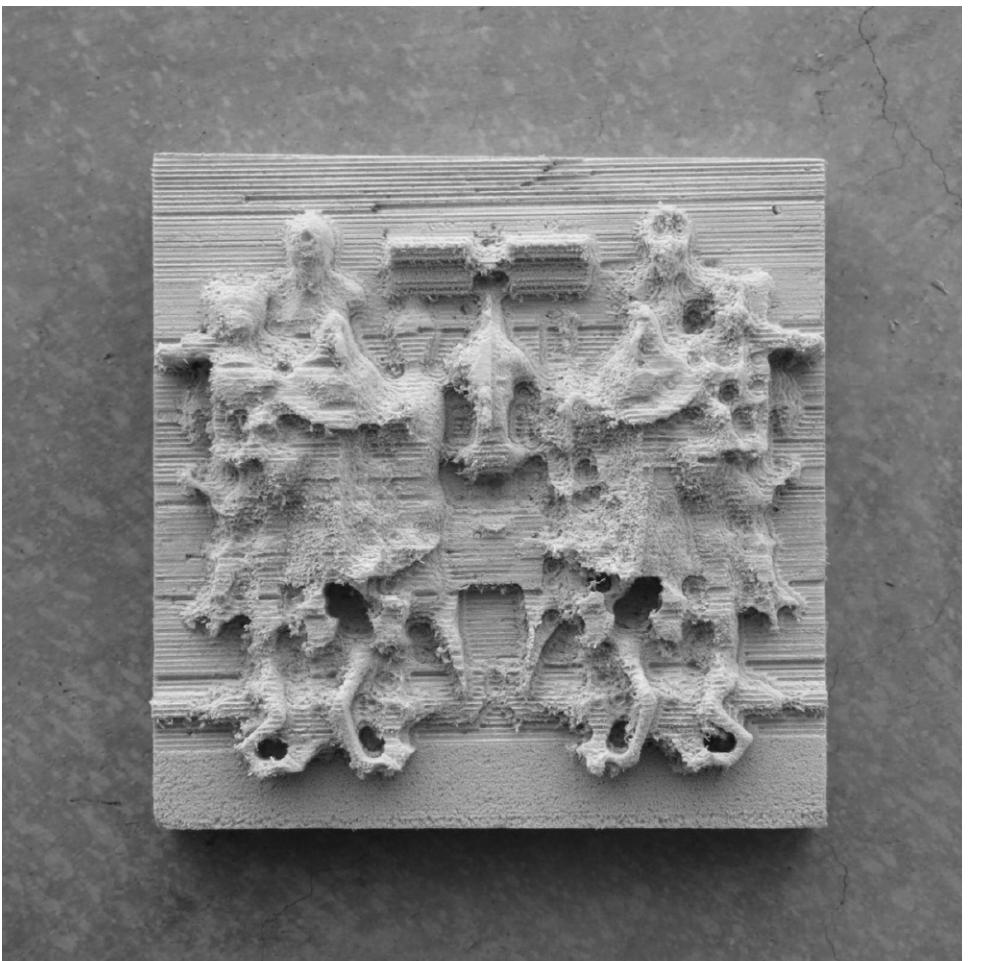
Design Portfolio
Cornell University
Bachelors of Architecture
Selected Works 2017 - 2022



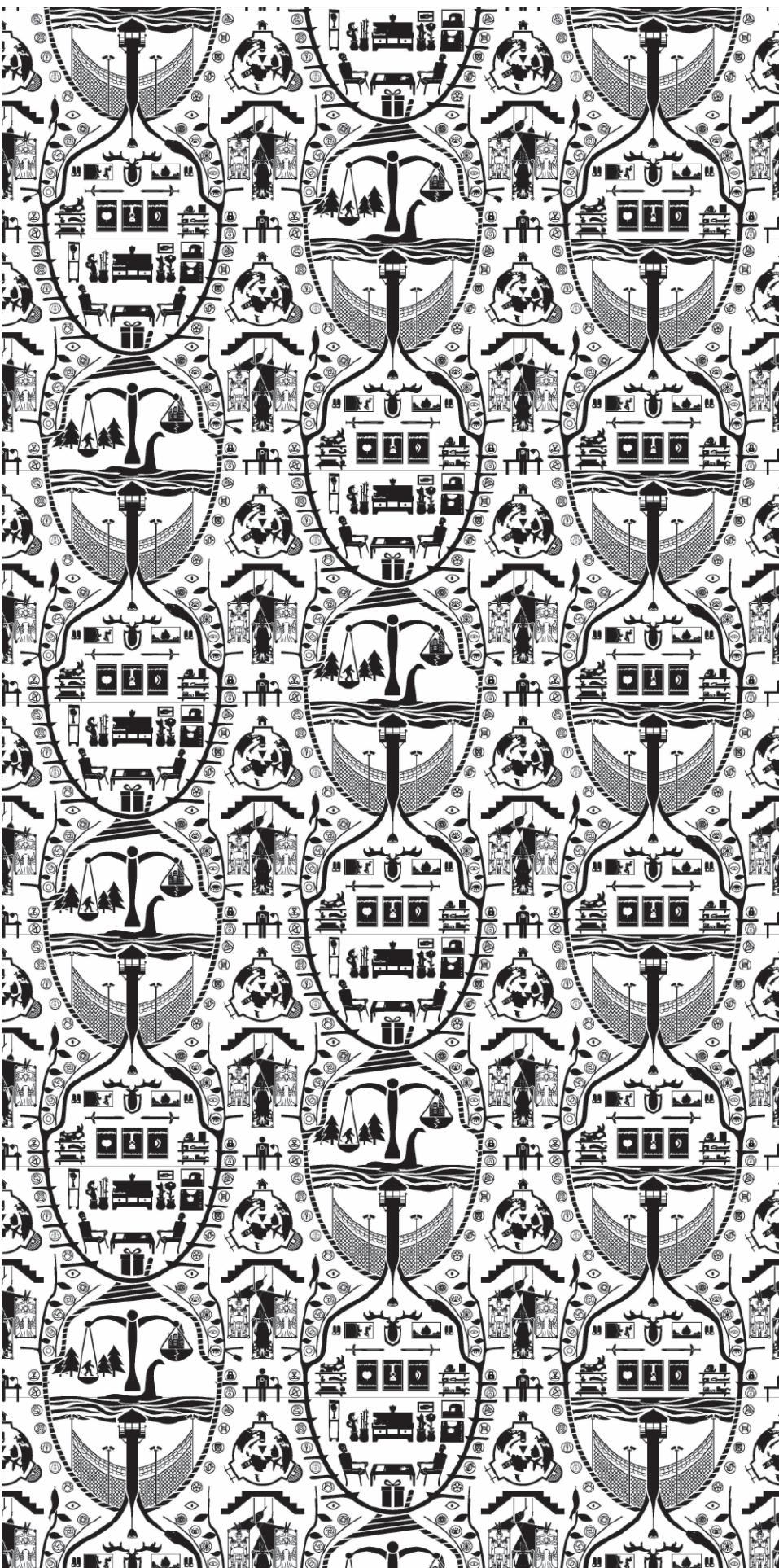
Empathetic Assemblies | Cult Investigation An advanced digital reality has led to the formation of new types of collectives. It is the inherent nature of the internet as a forum for anyone to disseminate and publish their beliefs that leads to the vast proliferation of novel collectives. For animated film, see: noahliao.net

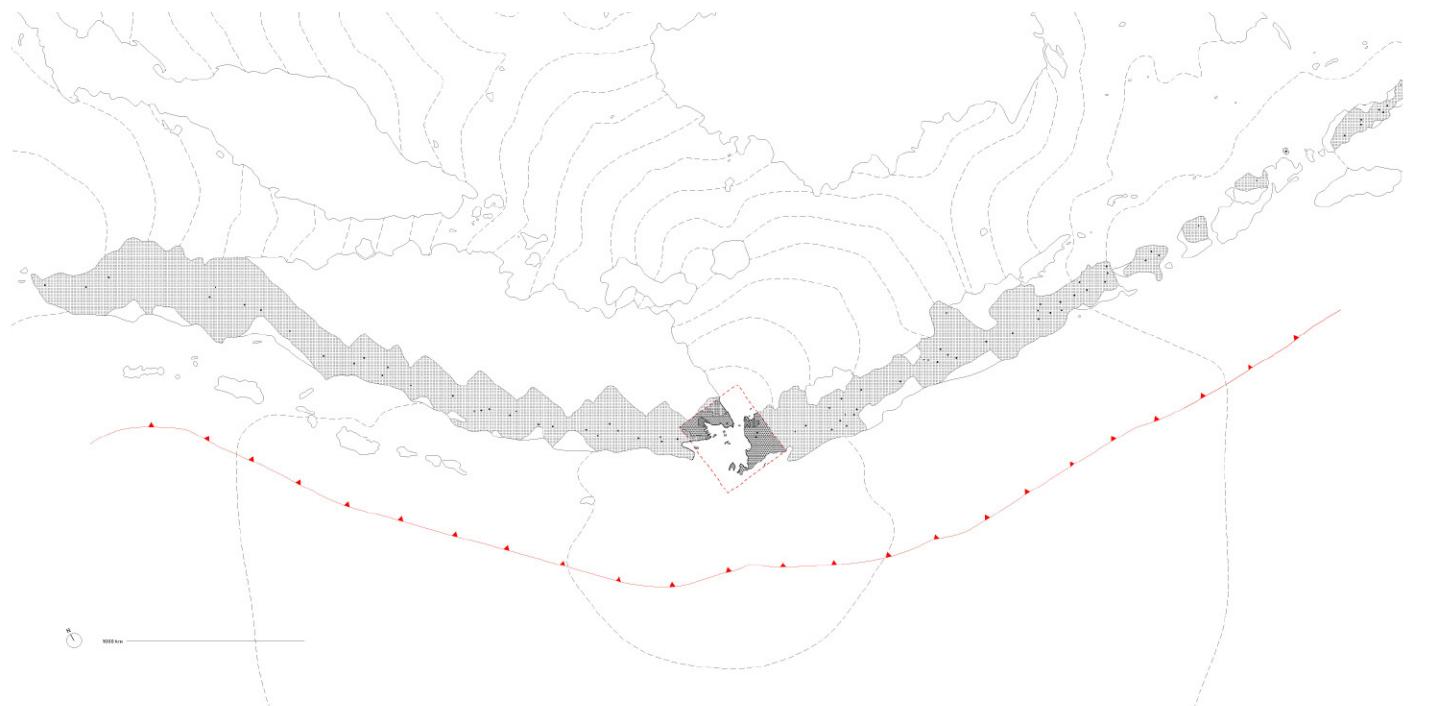
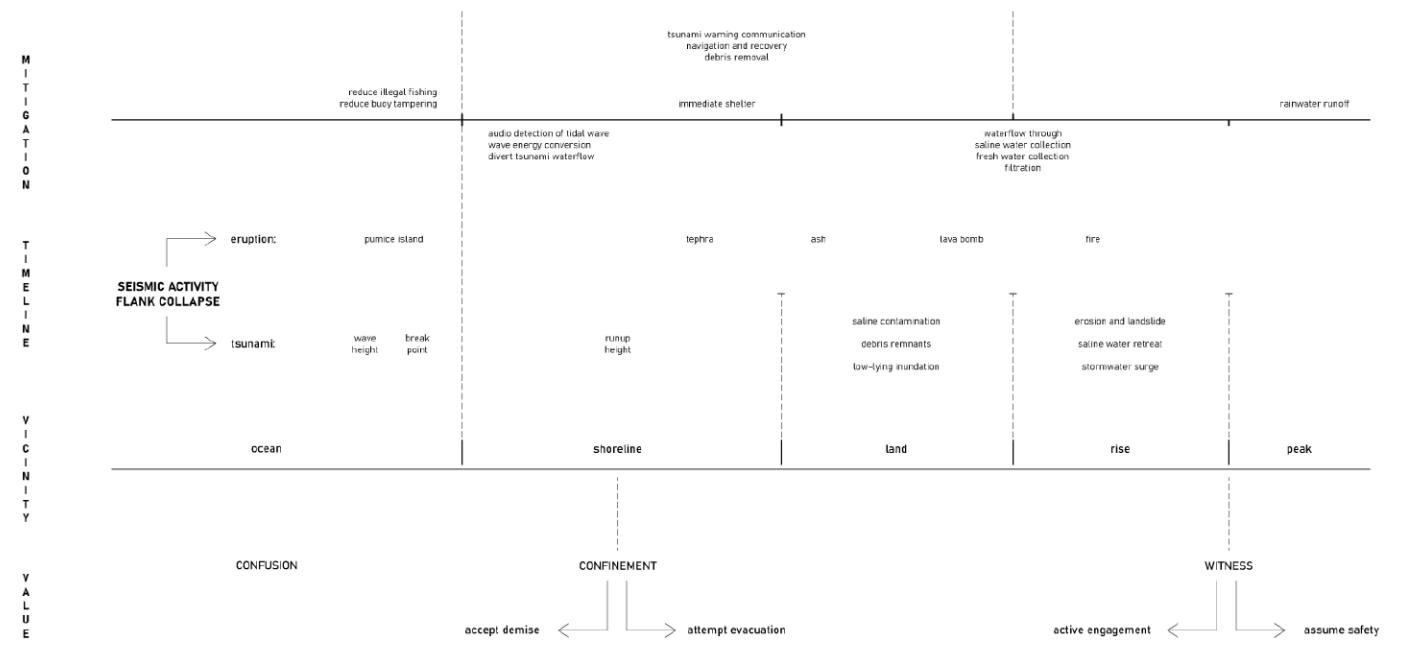


SCP Foundation | Mission Statement The Foundation operates beyond jurisdiction, empowered and entrusted by every major national government with the task of securing, containing, and protecting anomalous objects, entities, and phenomena

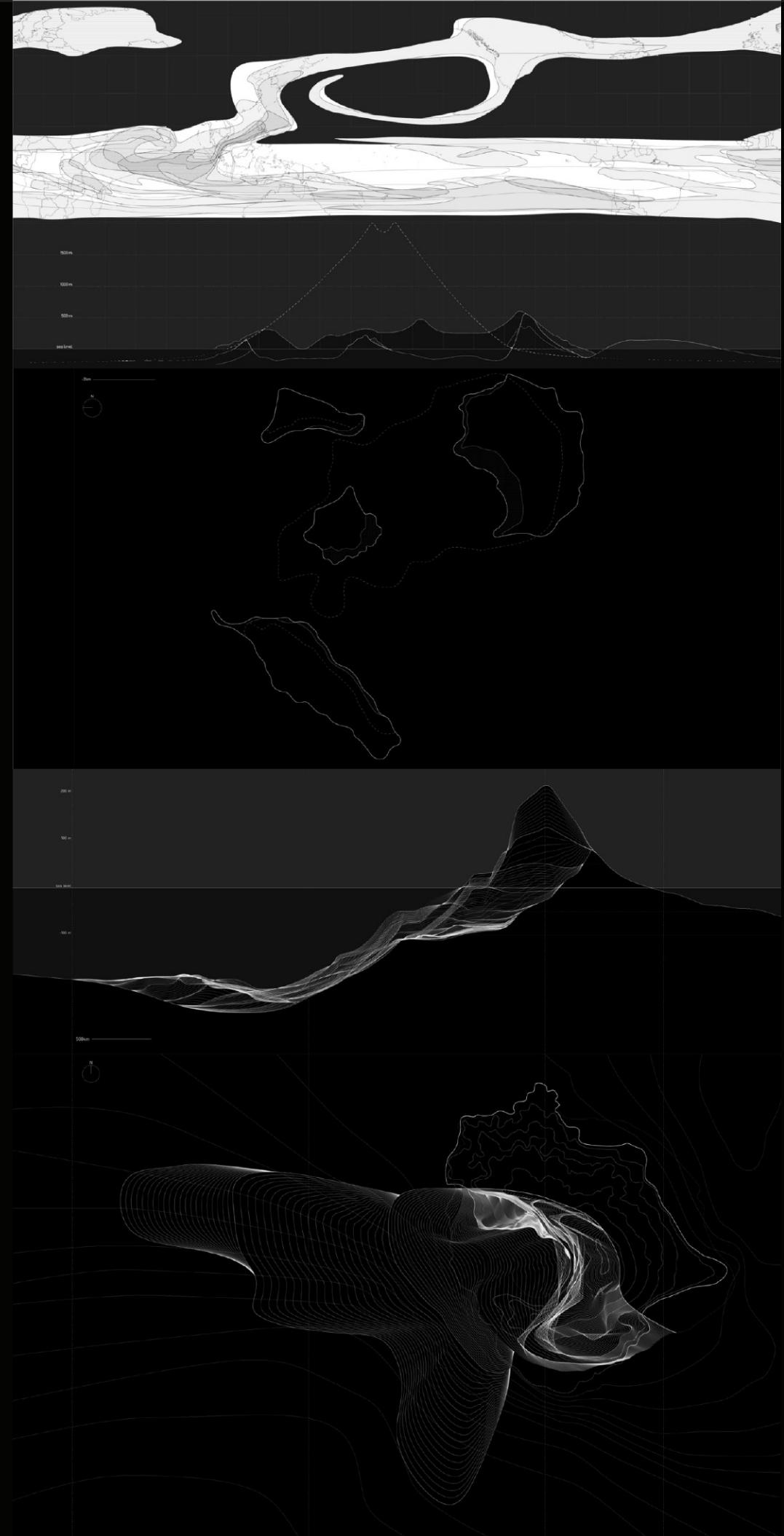


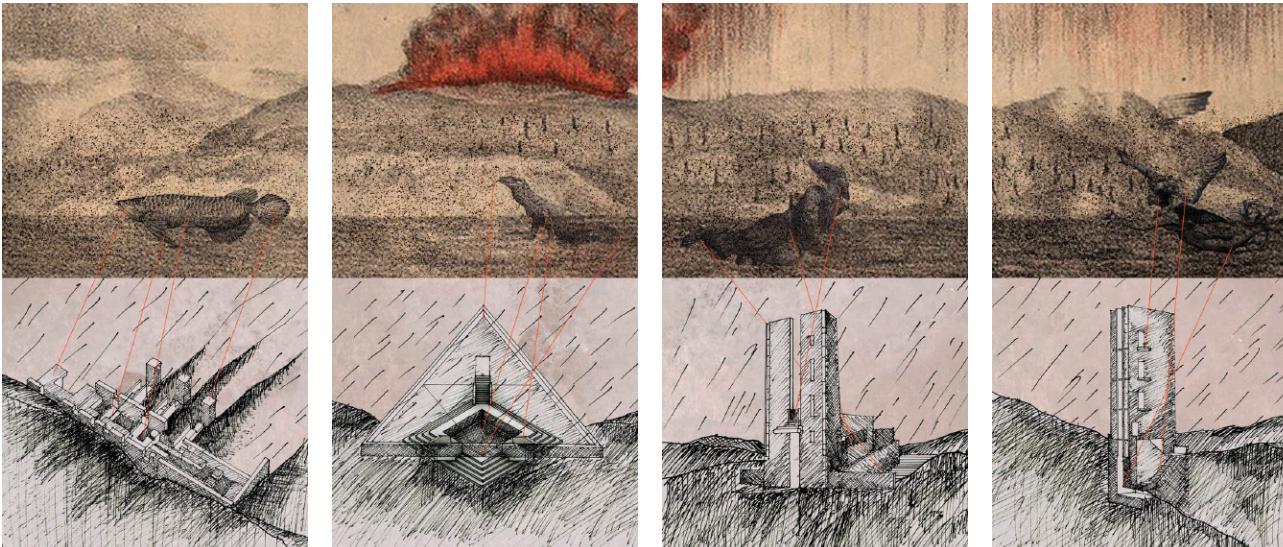
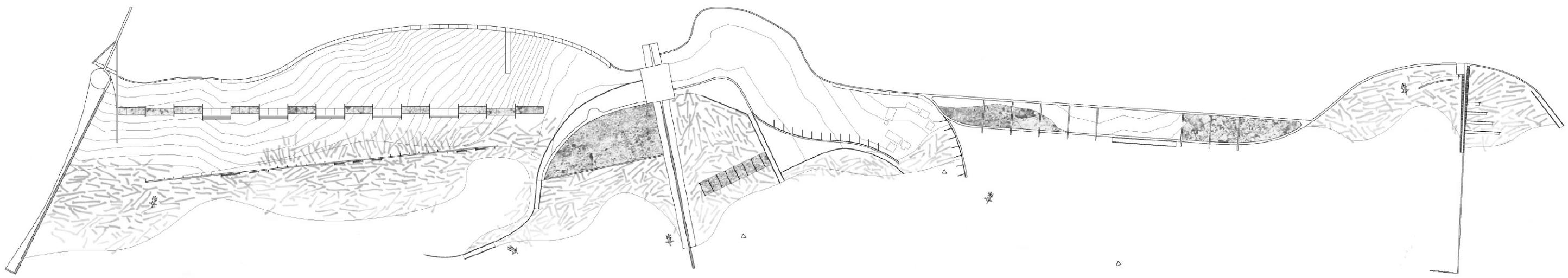
SCP Foundation | Through the examination of the collective's behaviors, rituals, and belief systems, in both digital and physical realms, various methodologies for the architectural expression of the collective mentality are designed through architectural space



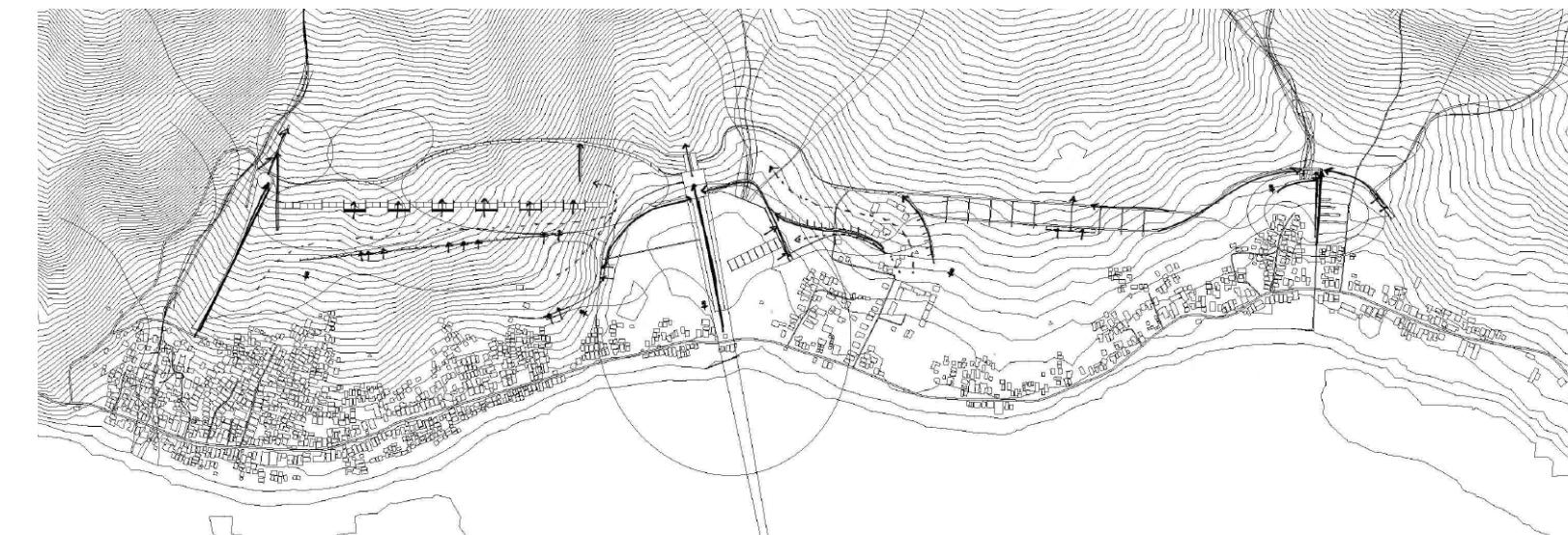


Disaster Machines | Krakatoa Outcomes of seismic eruptions or landslides include tsunamis, ash, jet plumes, lava bombs, wildfires, contamination, disease and debris

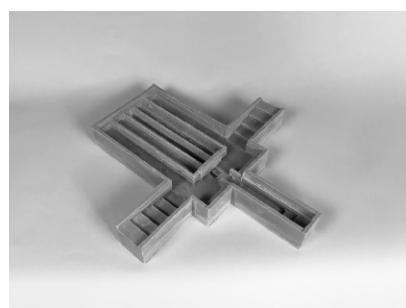
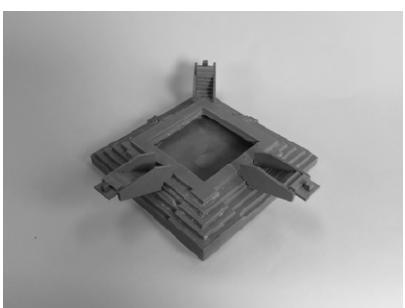
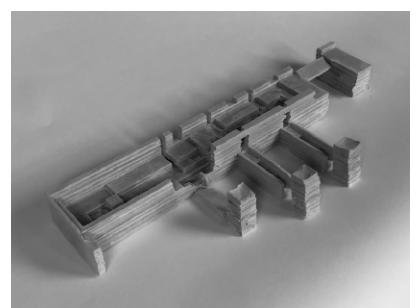
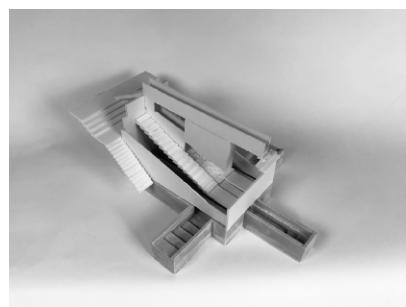
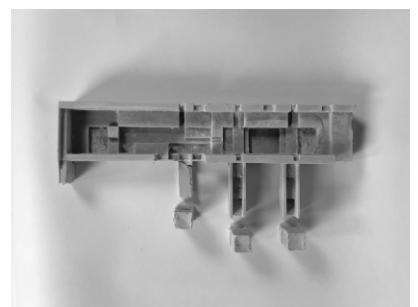
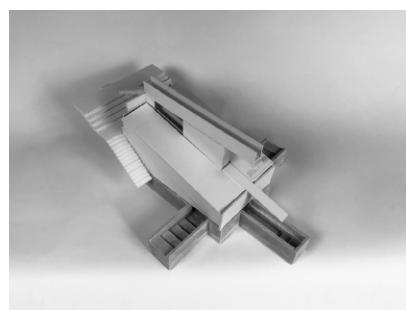
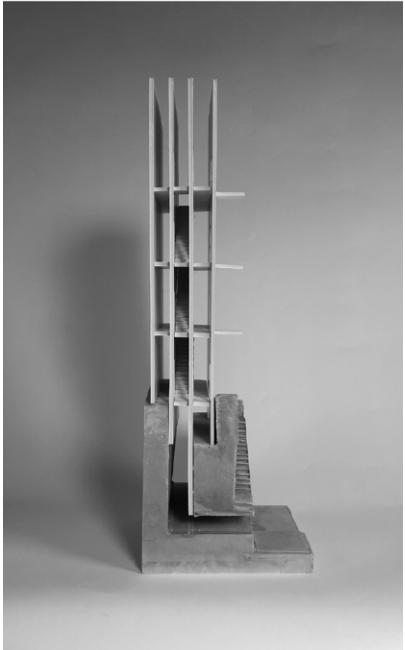
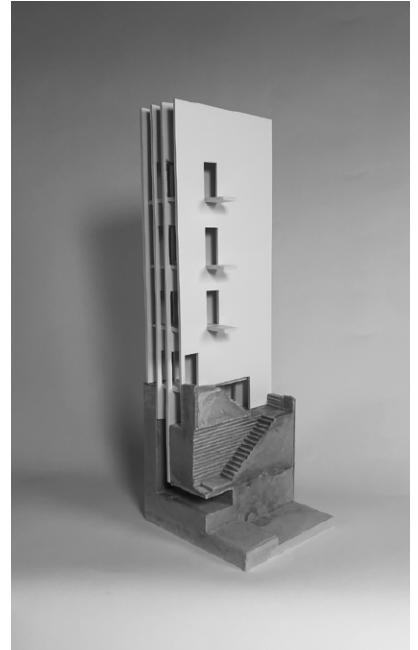


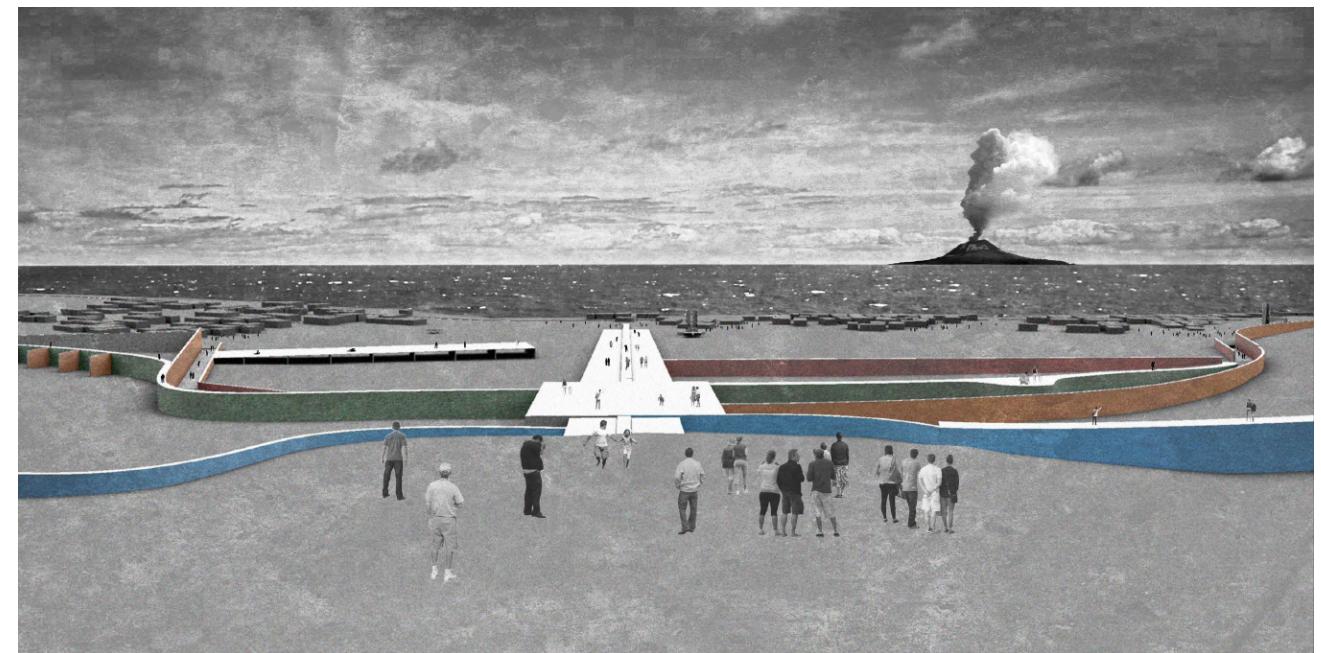
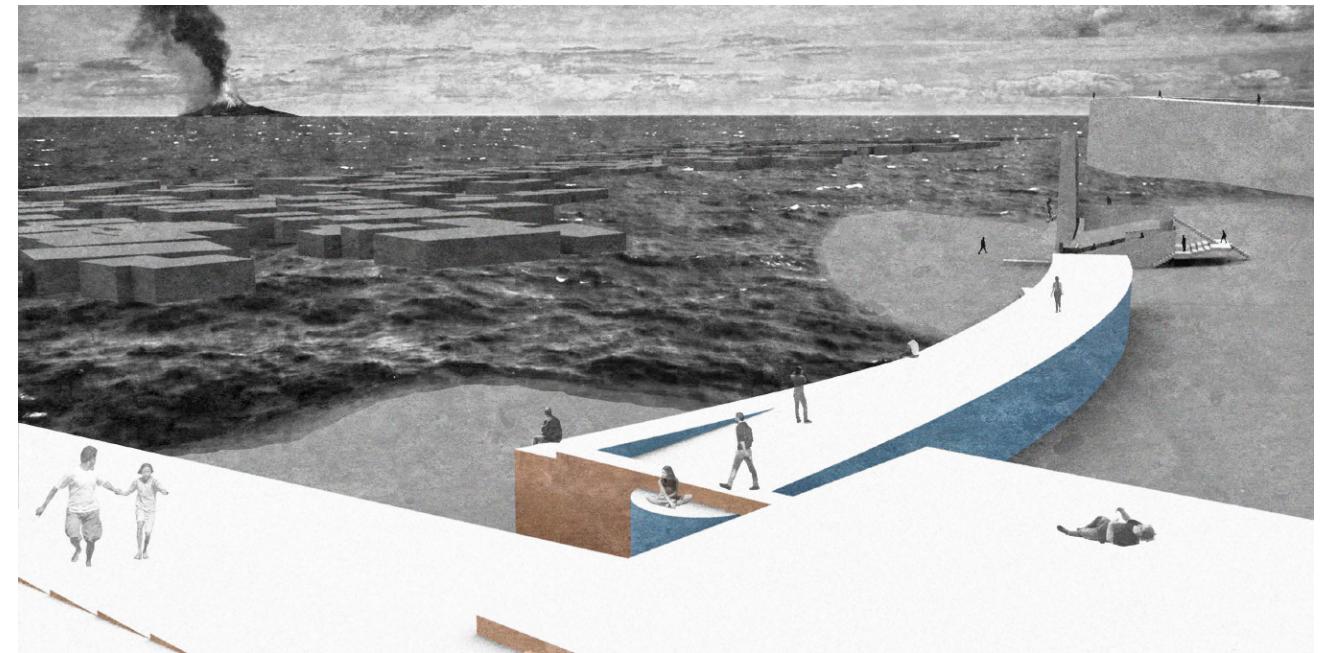
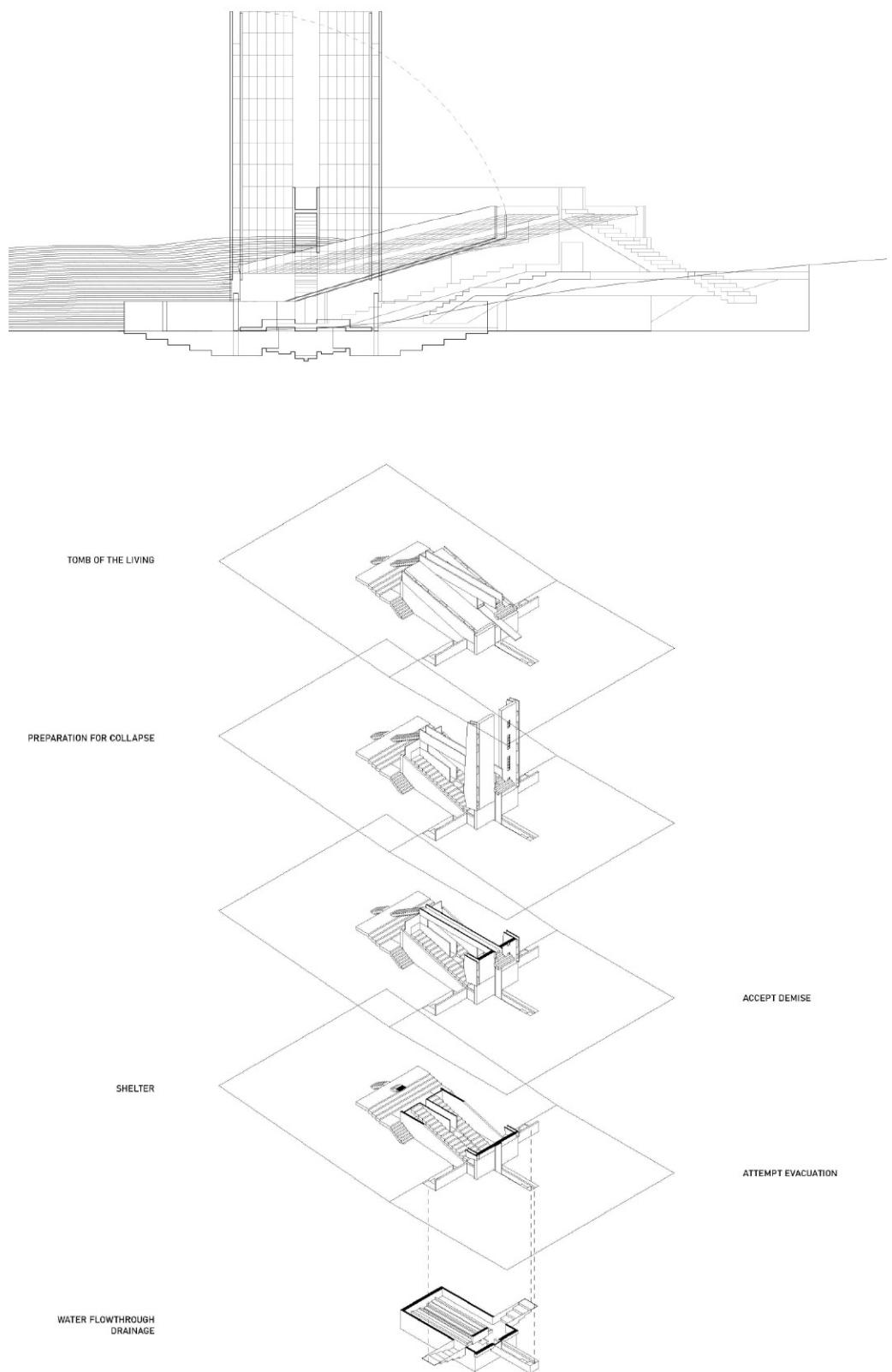


Prototypes of Resistance | Activation by various moments of the disaster isolated as wave and runup height, break point, lava bomb extinguishment, surge, retreat, erosion and landslide

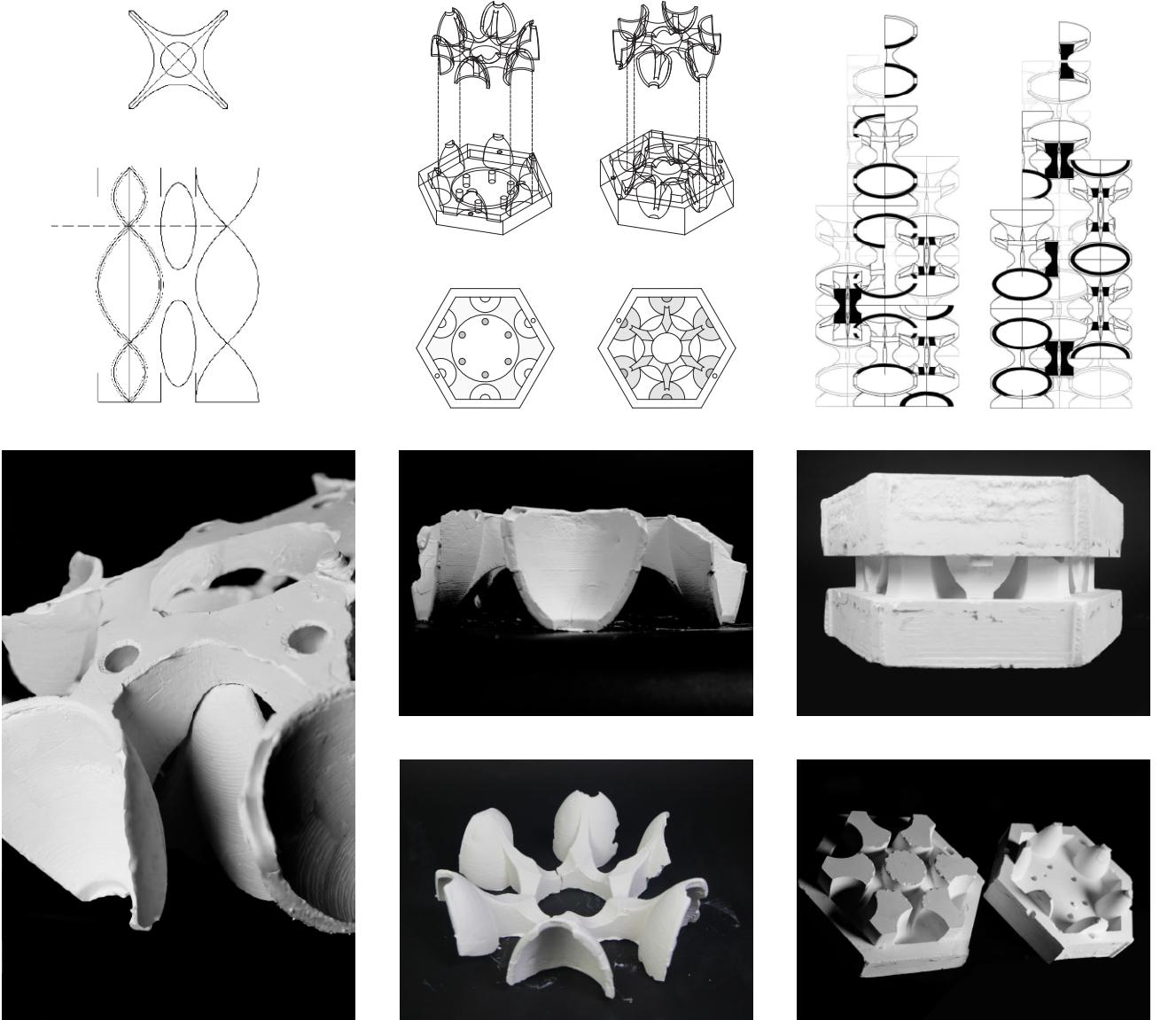


Infrastructure Fabric | Retreat and Collection Integration of hillside theaters of evacuation intertwined with debris and remnant assemblage systems



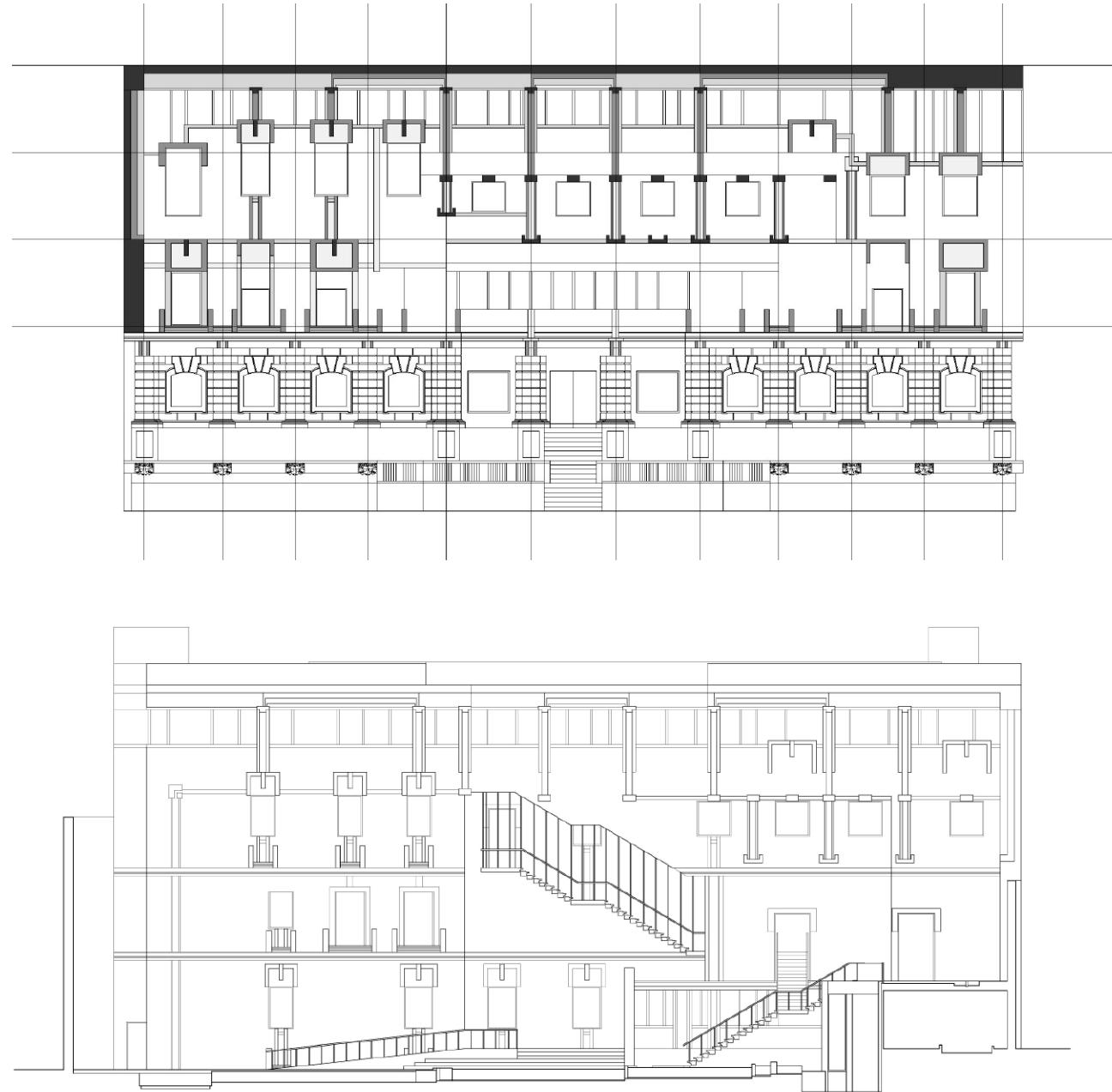


Human Condition | While disasters have predicted outcomes, certainty is indeterminable, and one must make the decision to attempt evacuation or accept their demise with control

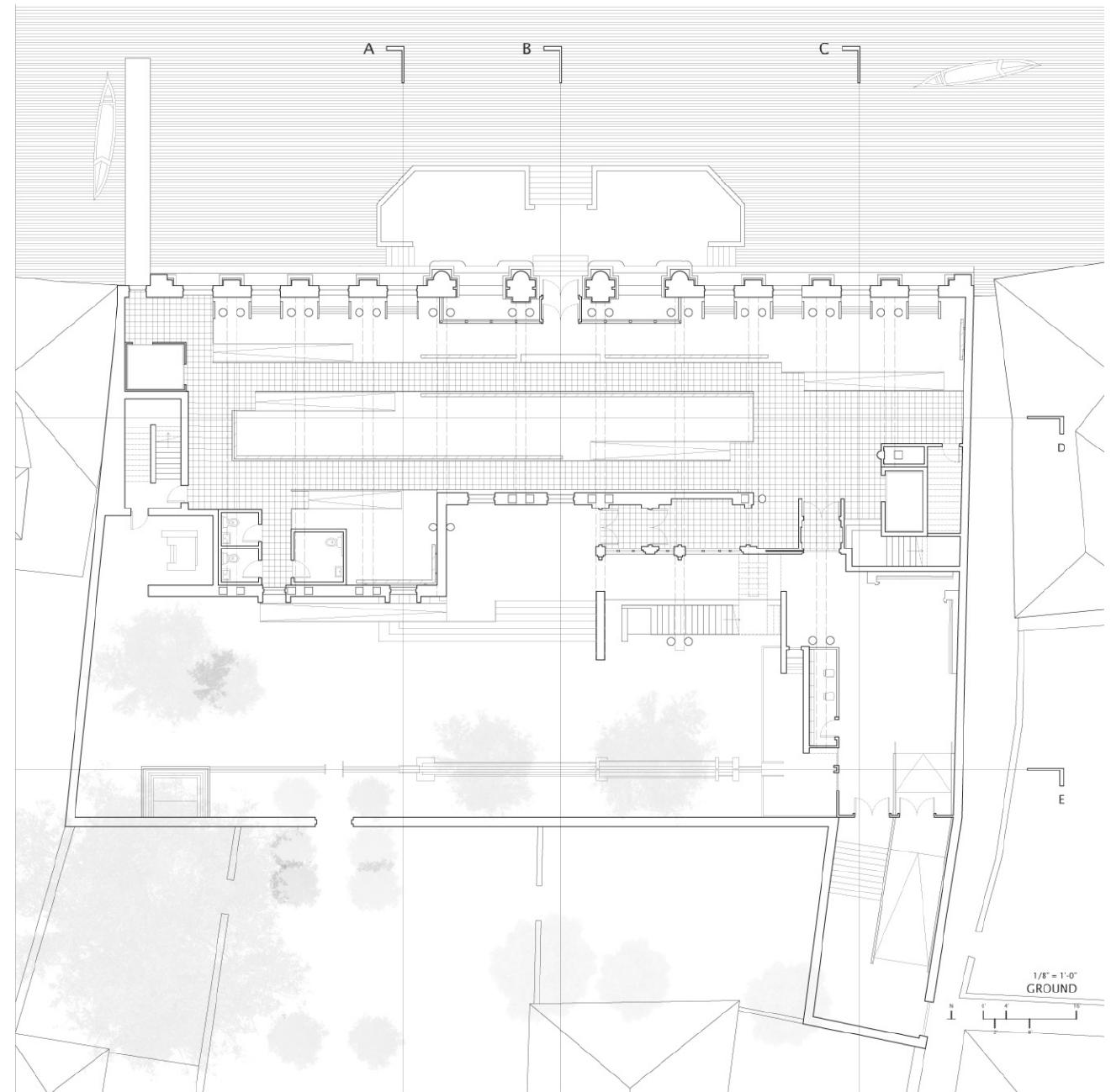


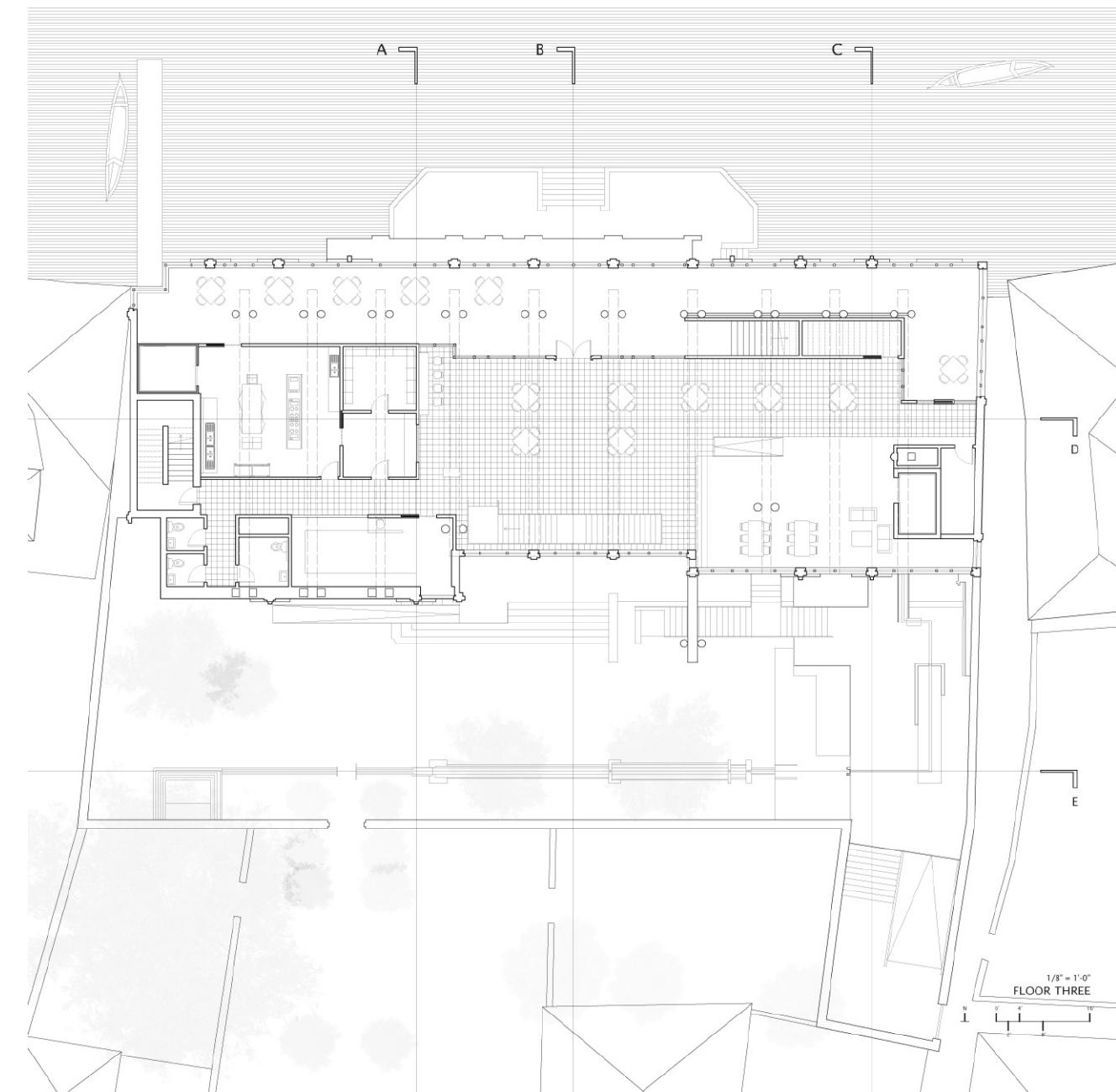
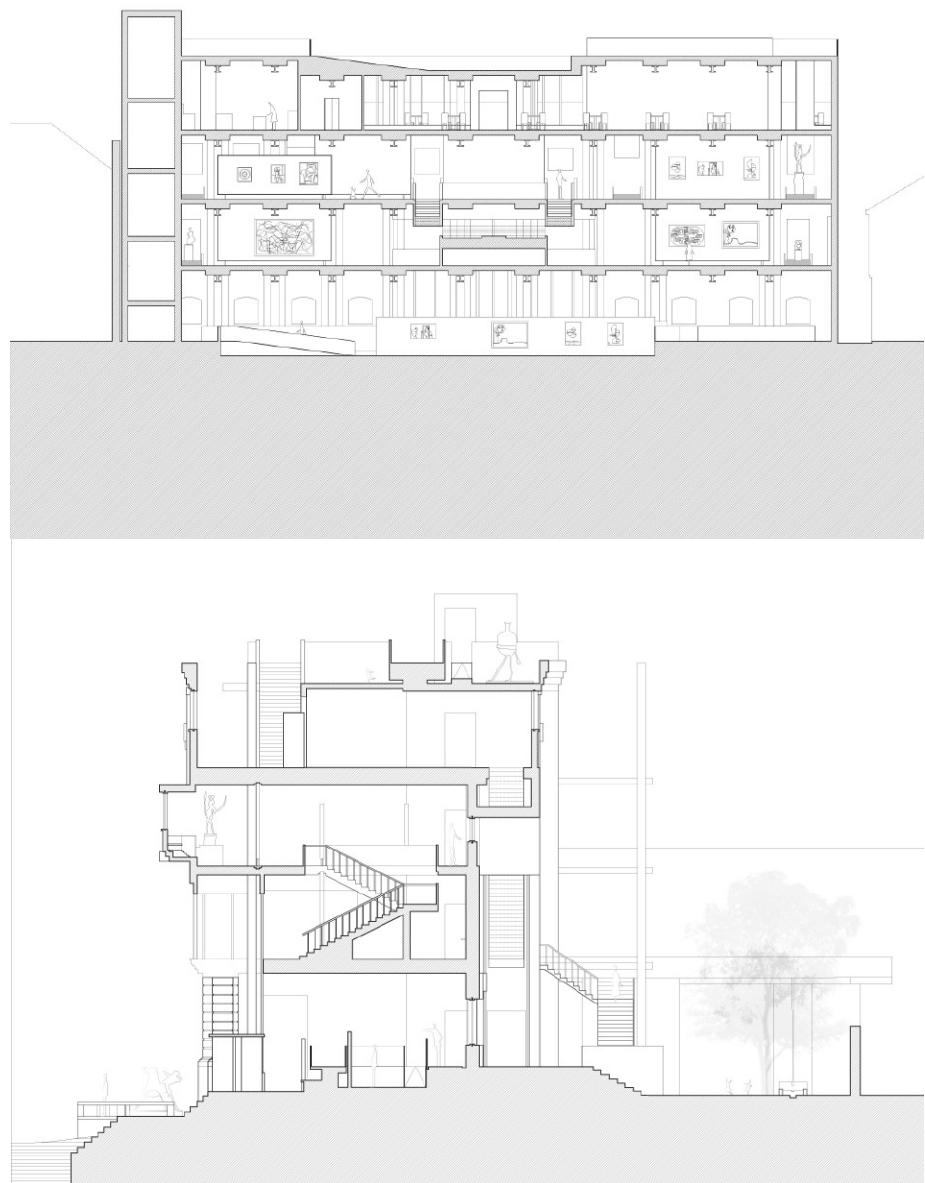
Hexaform | Imposing celtic knot on ceramic system | w/ Abel Aguilar + Turner Andrasz

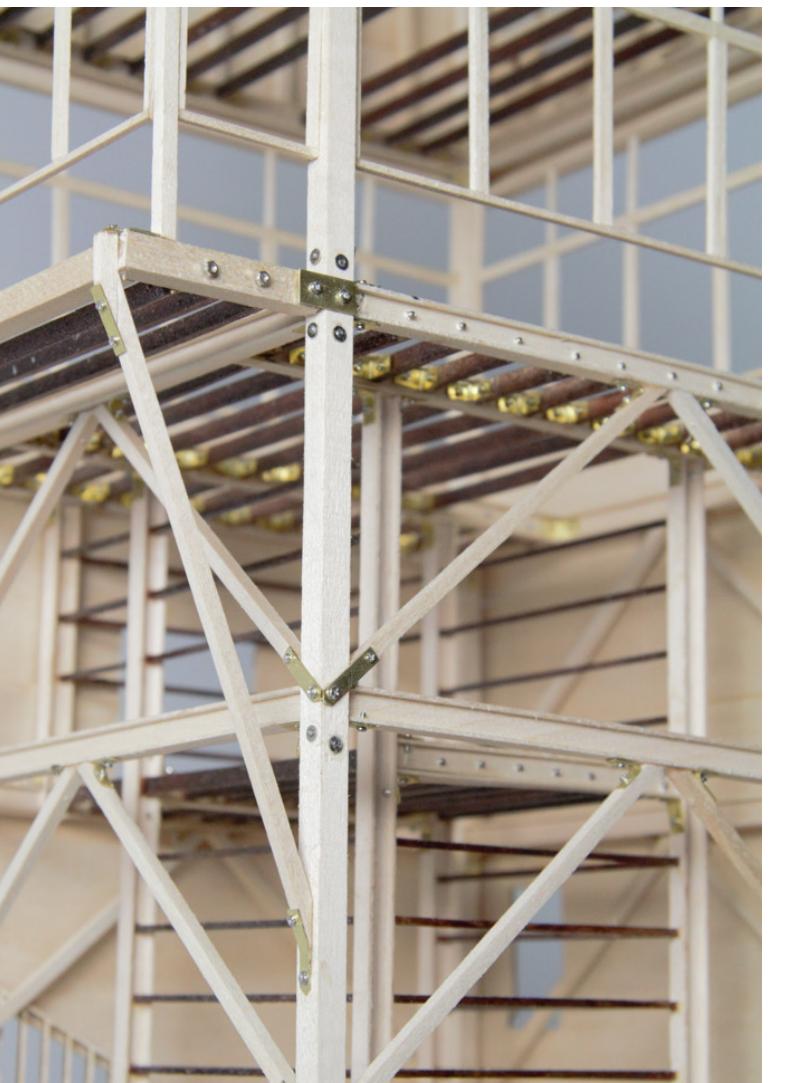




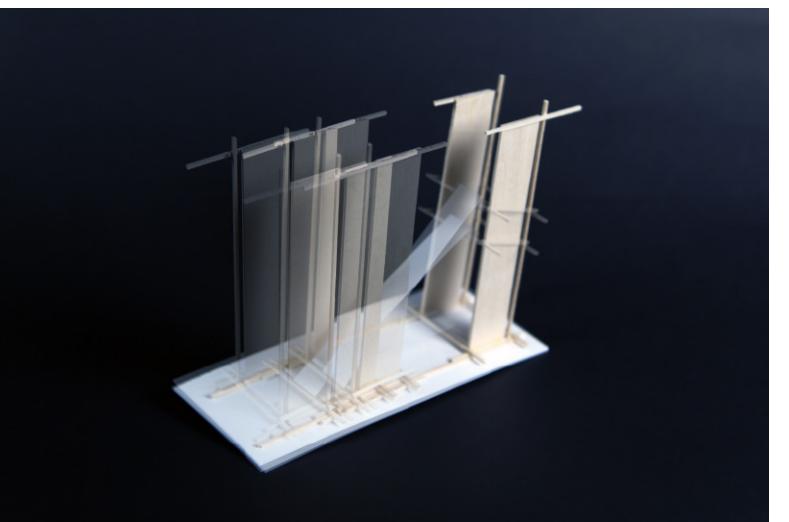
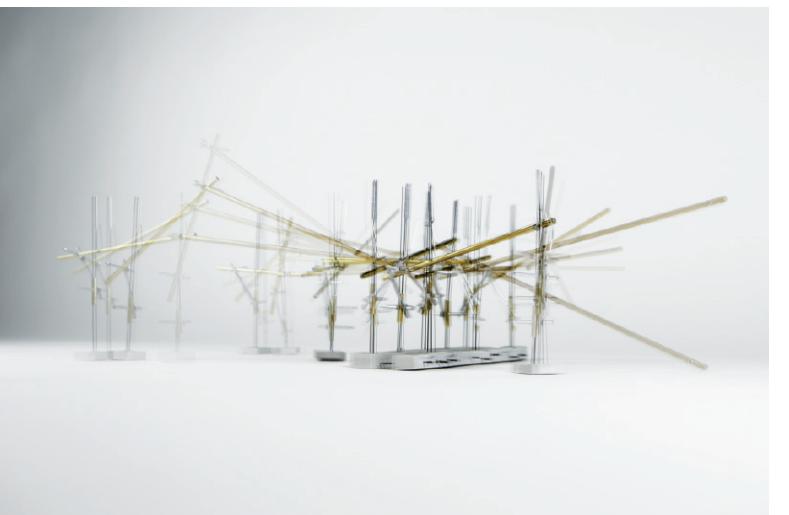
Peggy Guggenheim Museum | Elements of vertical circulation, horizontal differentiation, and pools of stationary display appendage from the framework of the existing facade







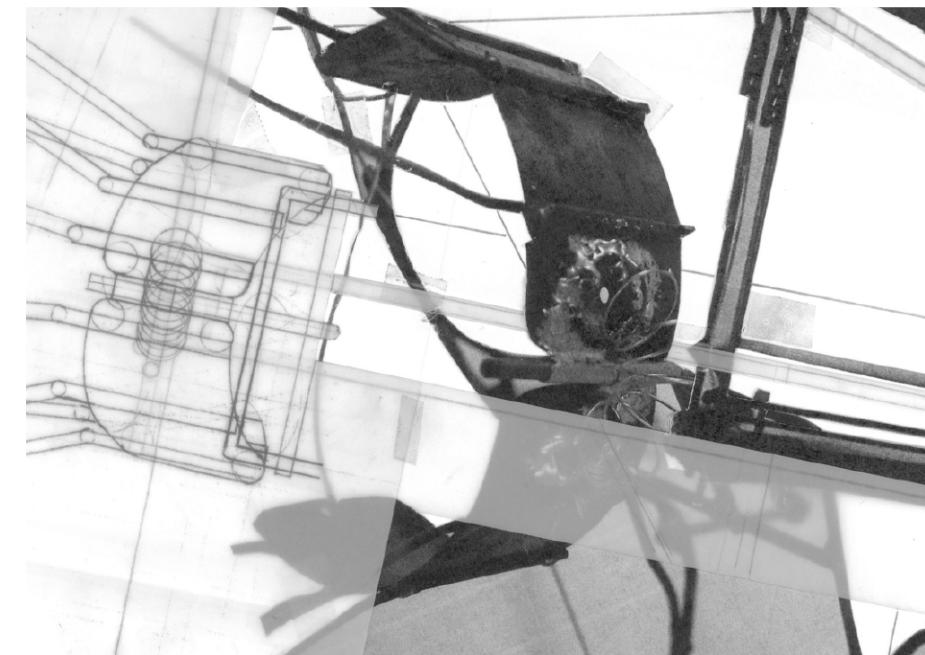
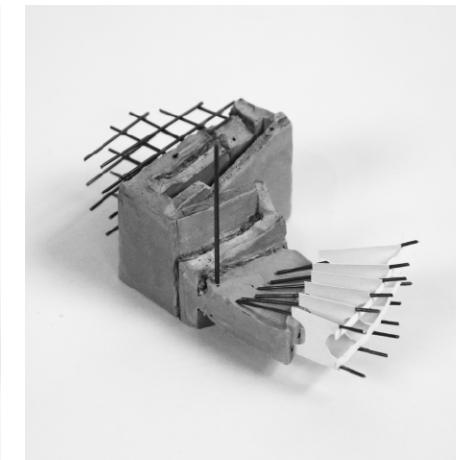
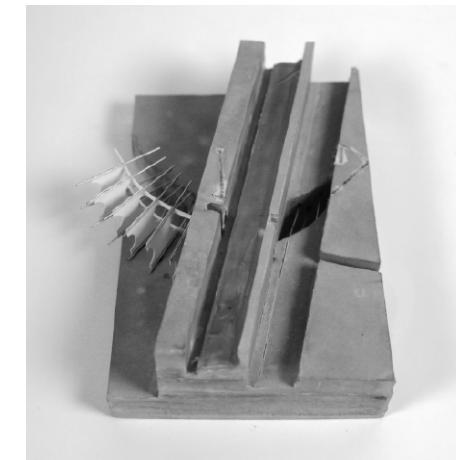
Keenan Observation Tower | Structural Model Diagonally braced steel frame system to resist lateral wind and earthquake loads, cladded with white oak fine lattice | w/ Xuan Yang + Jiarui Zhang

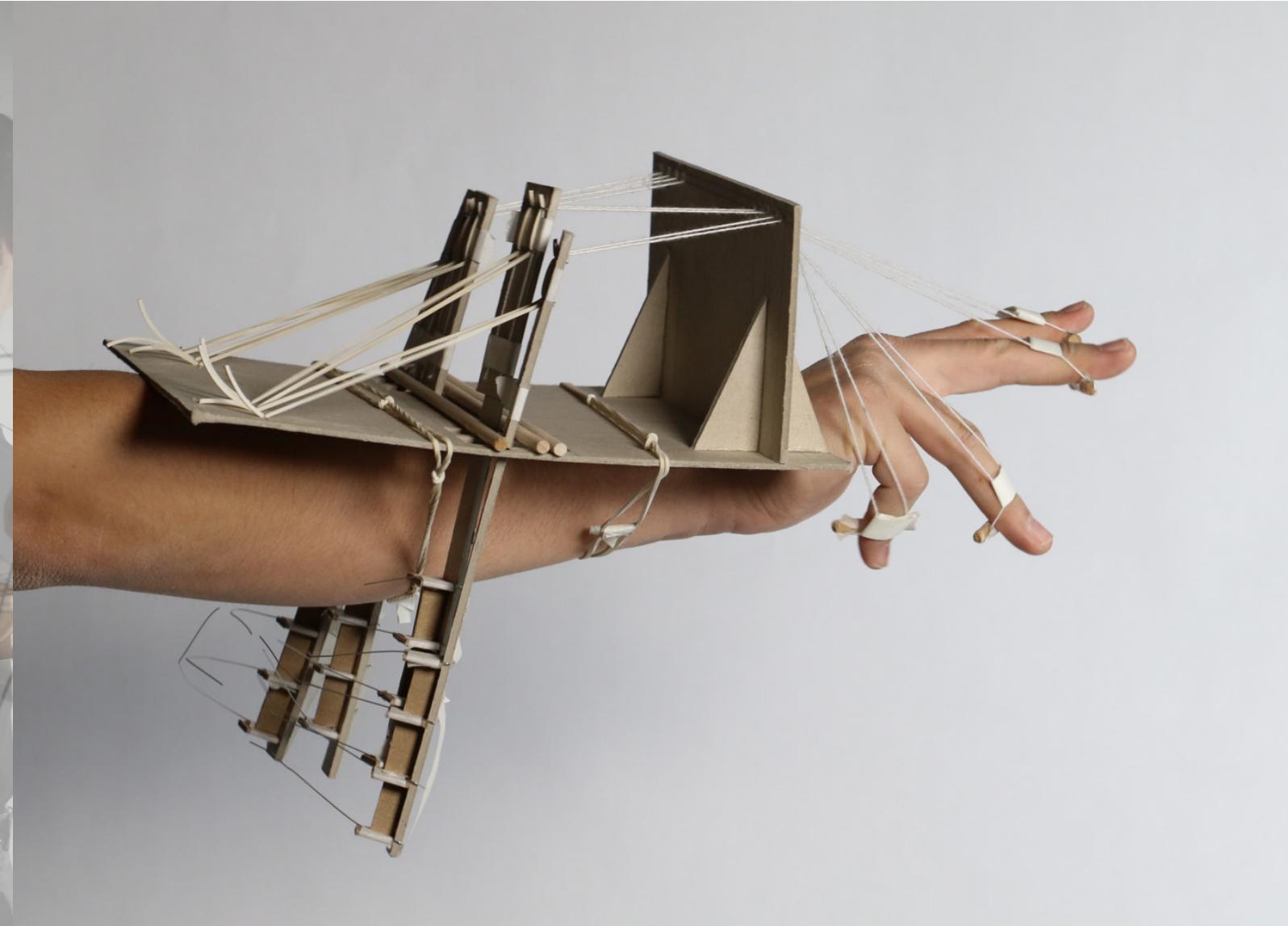
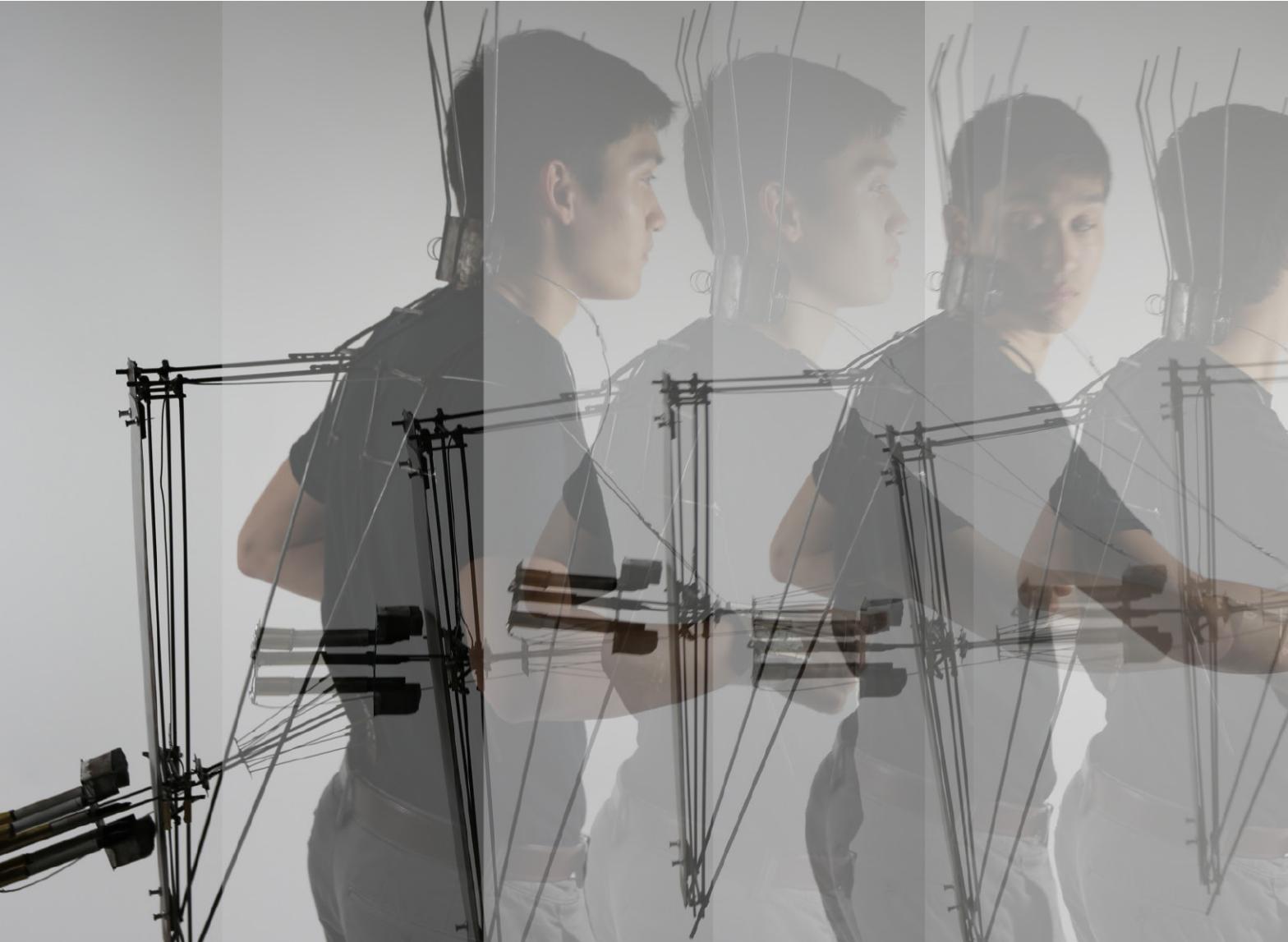


Adaptation 10: Loreto Stilt House | Mechanisms of rotation become opportunities for changing conditions of light, wind, and water

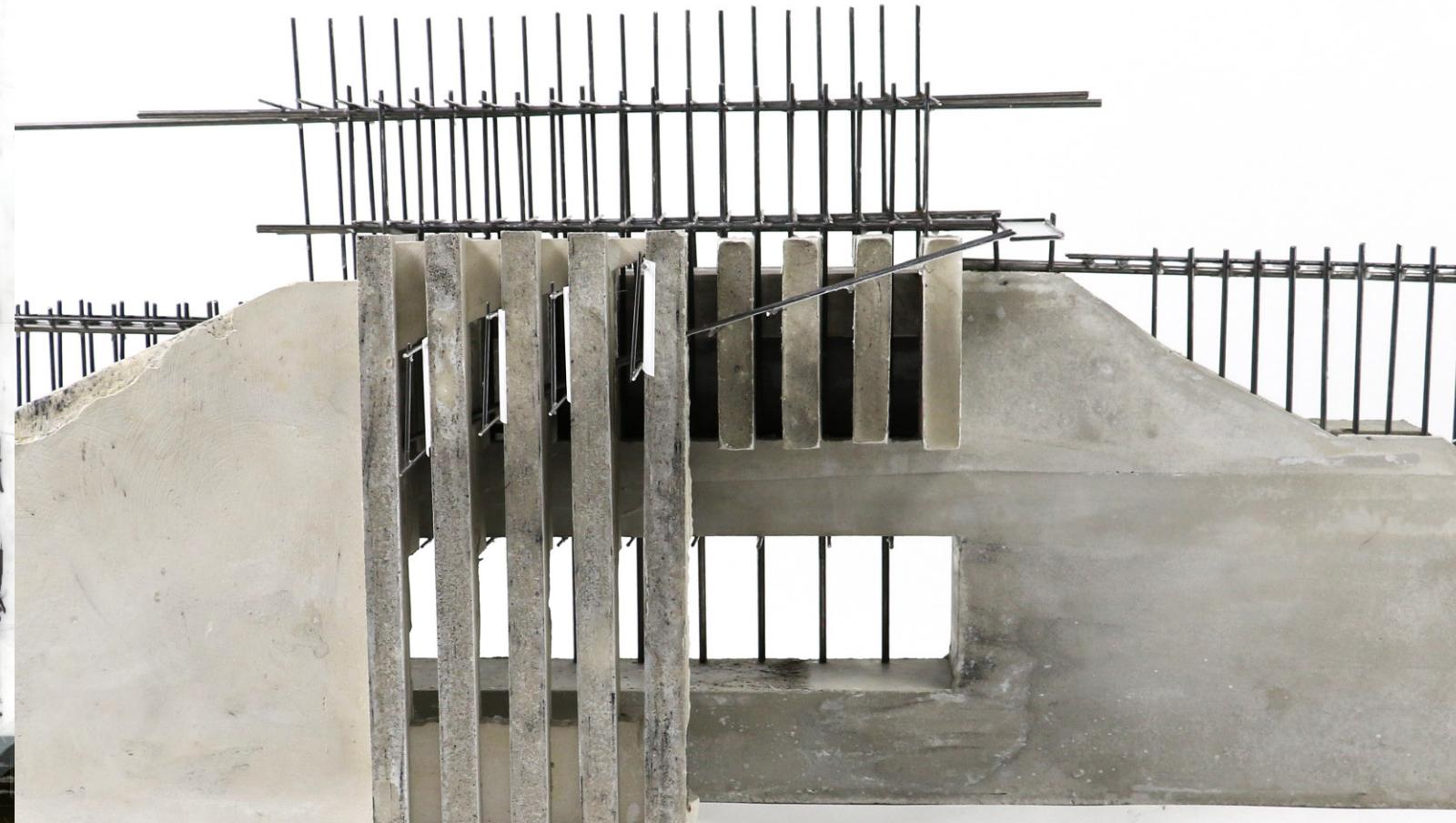
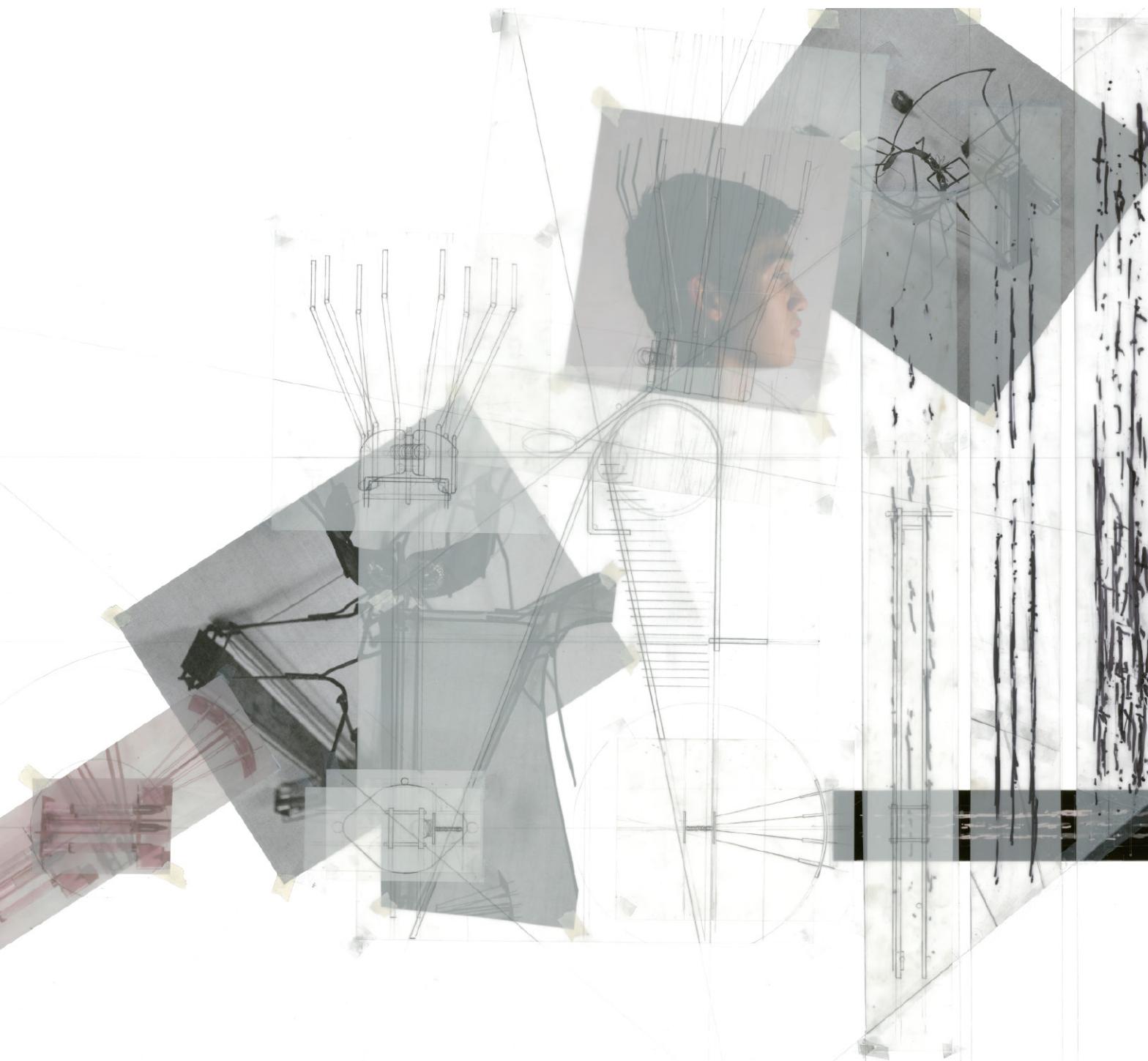


Performance Prosthetic | Exploring the manatee's ability to navigate its environment through changes in water and body orientation

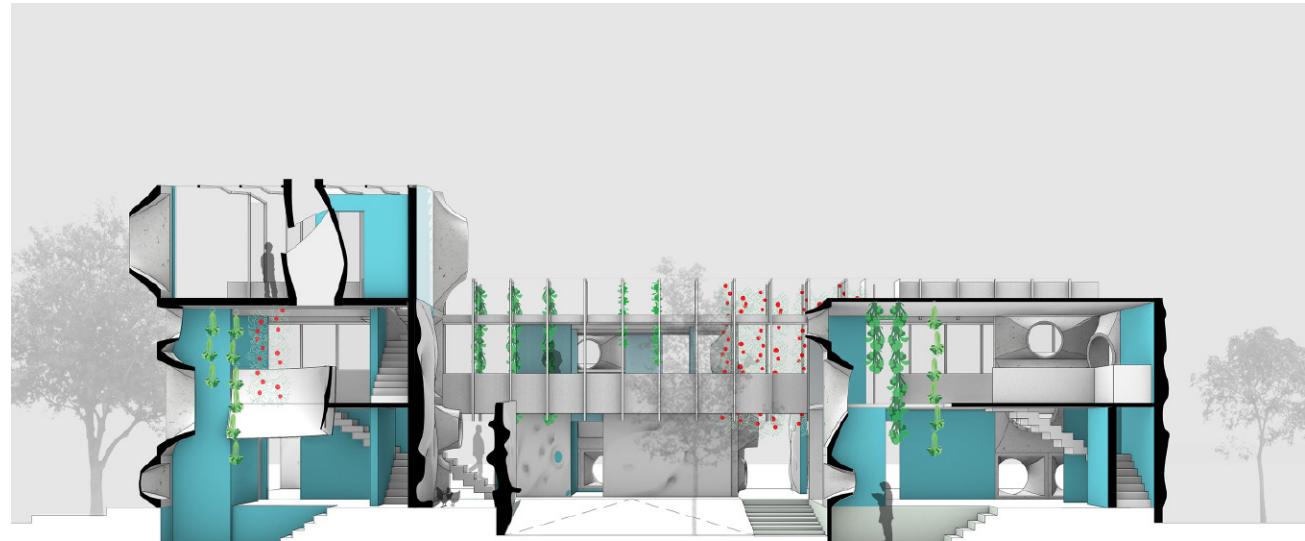




Touch | Manatee Movement on the extremities is transferred to signals on the spine



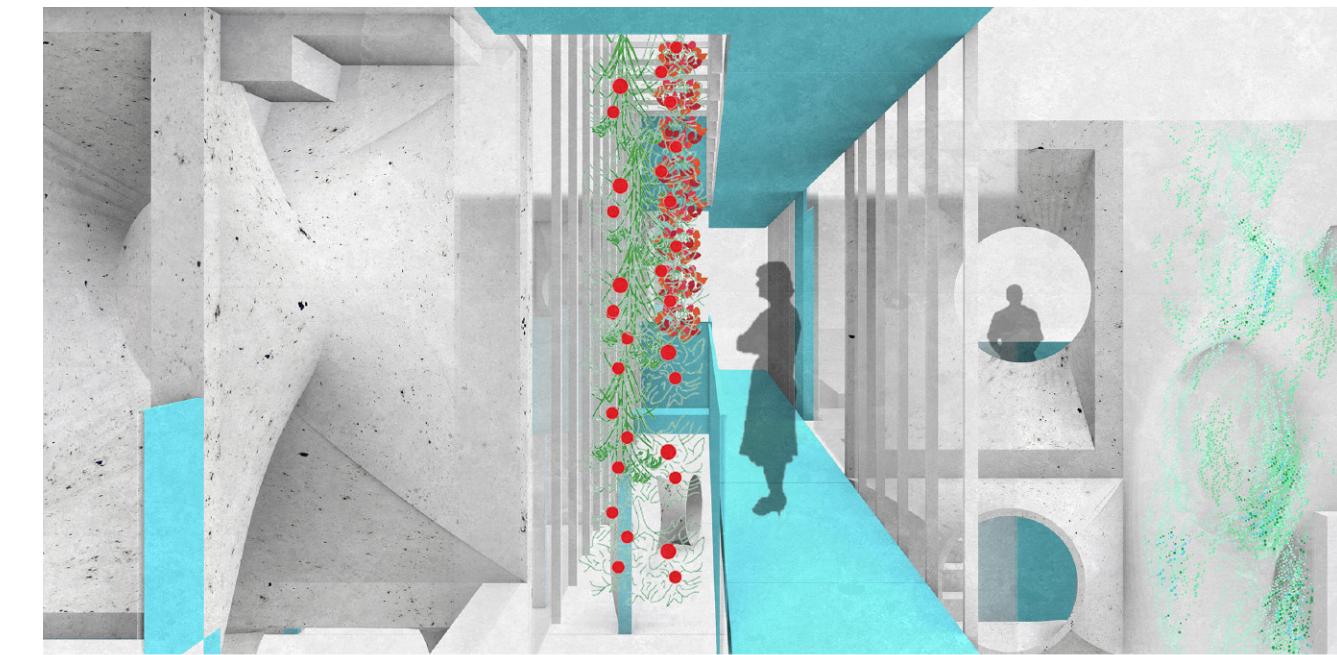
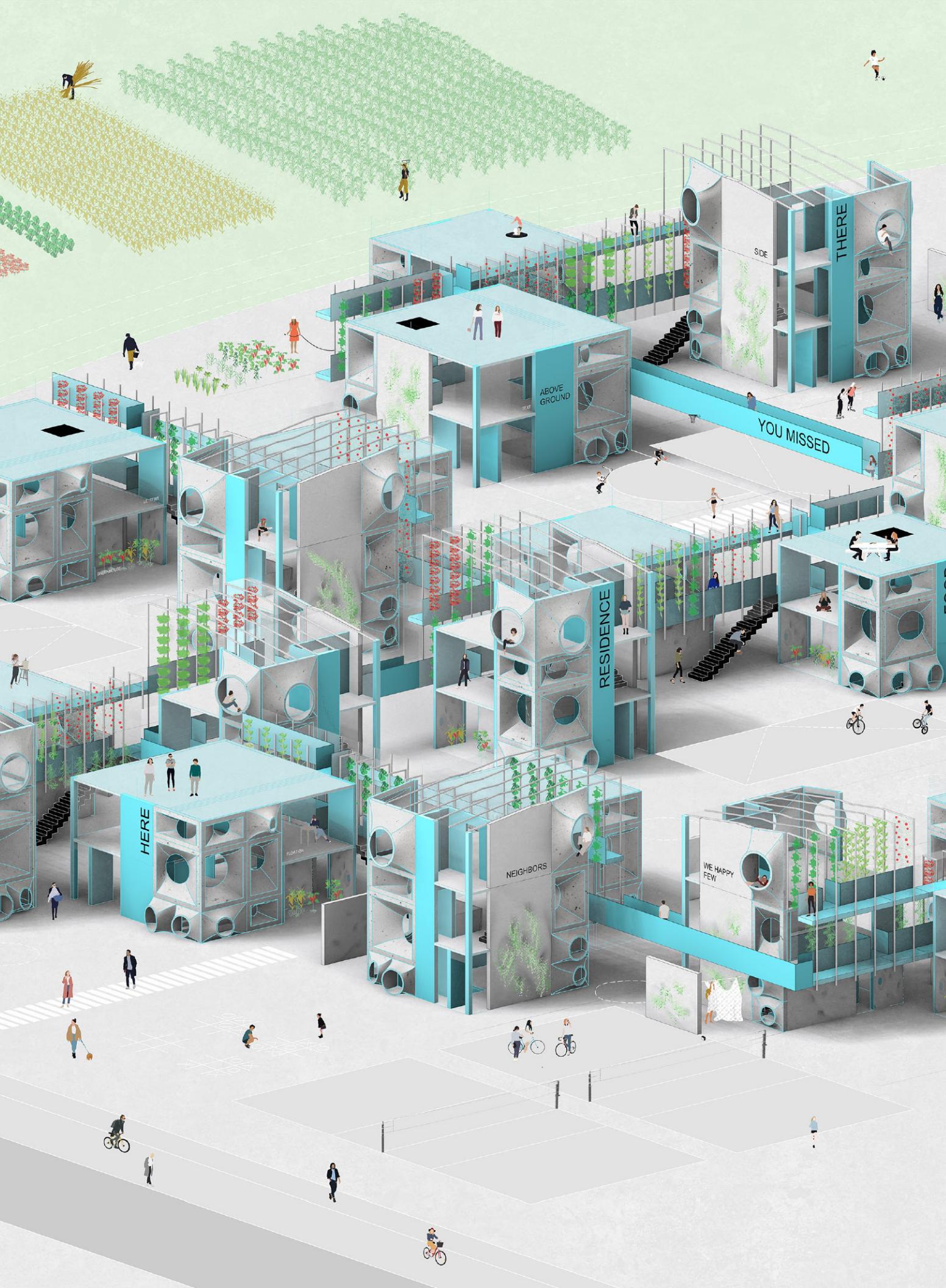
Touch | Channel Sensory rewiring is explored through landscape, as channels carved in the ground heighten sensitivity to light, water, wind



Fringe City: Hybridized Low-Tech and High-Tech Housing System | The distinct co-existence of regularized urban fabric, productive landscapes, and vernacular village fabric conditions opens the possibility to cultivate novel hybridized housing systems



Material Studies | Fabric Cast Concrete Coupling advanced construction methods and local building practices in rural-urban China | material studies w/ Bushra Aumir



Agricultural Development | Passive Solar and Ventilation Various curing, drying and greenhouse conditions of local agricultural practices, incorporated into adaptable housing systems

