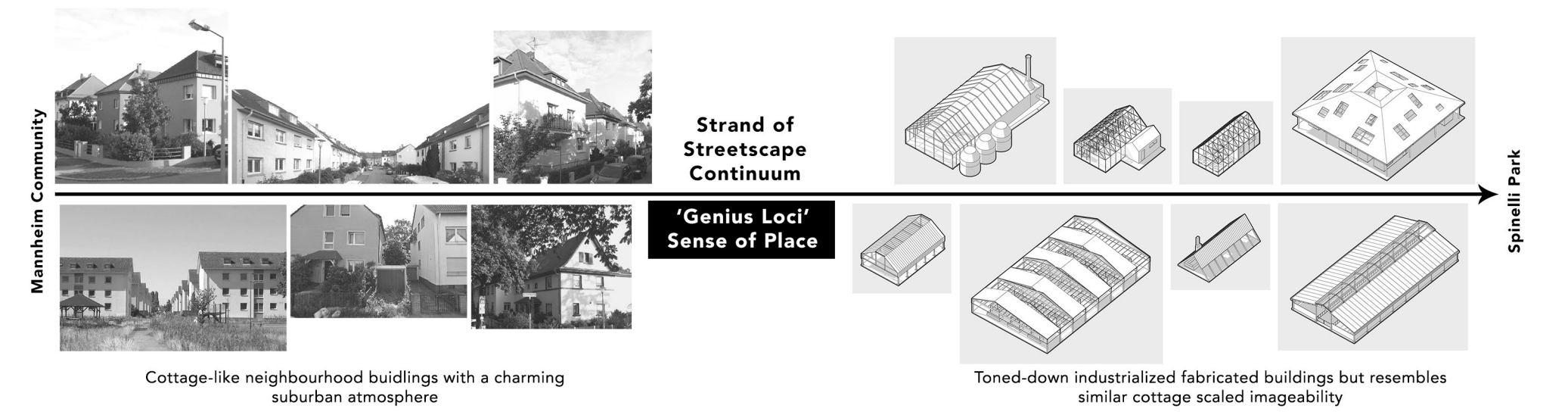




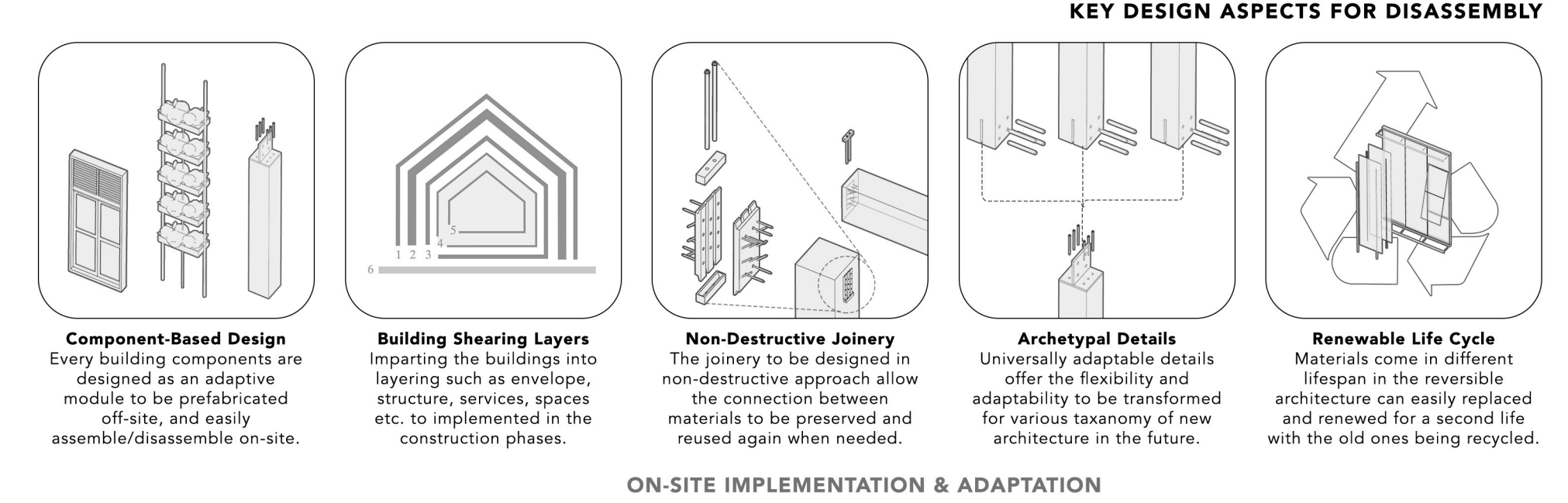
ARCHITECTURE: THE CONSTRUCTIVE IMAGEABILITY

Located within a countryside setting complementing a horticultural theme, the architecture in the Energy Circus is traced from the cottage typology which is easily found within the nearby context. From a larger picture, the cottage-like modules shall construct an intimate imageability without disrupting the environment, remained in a more humane-scaled and naturally textured iteration.

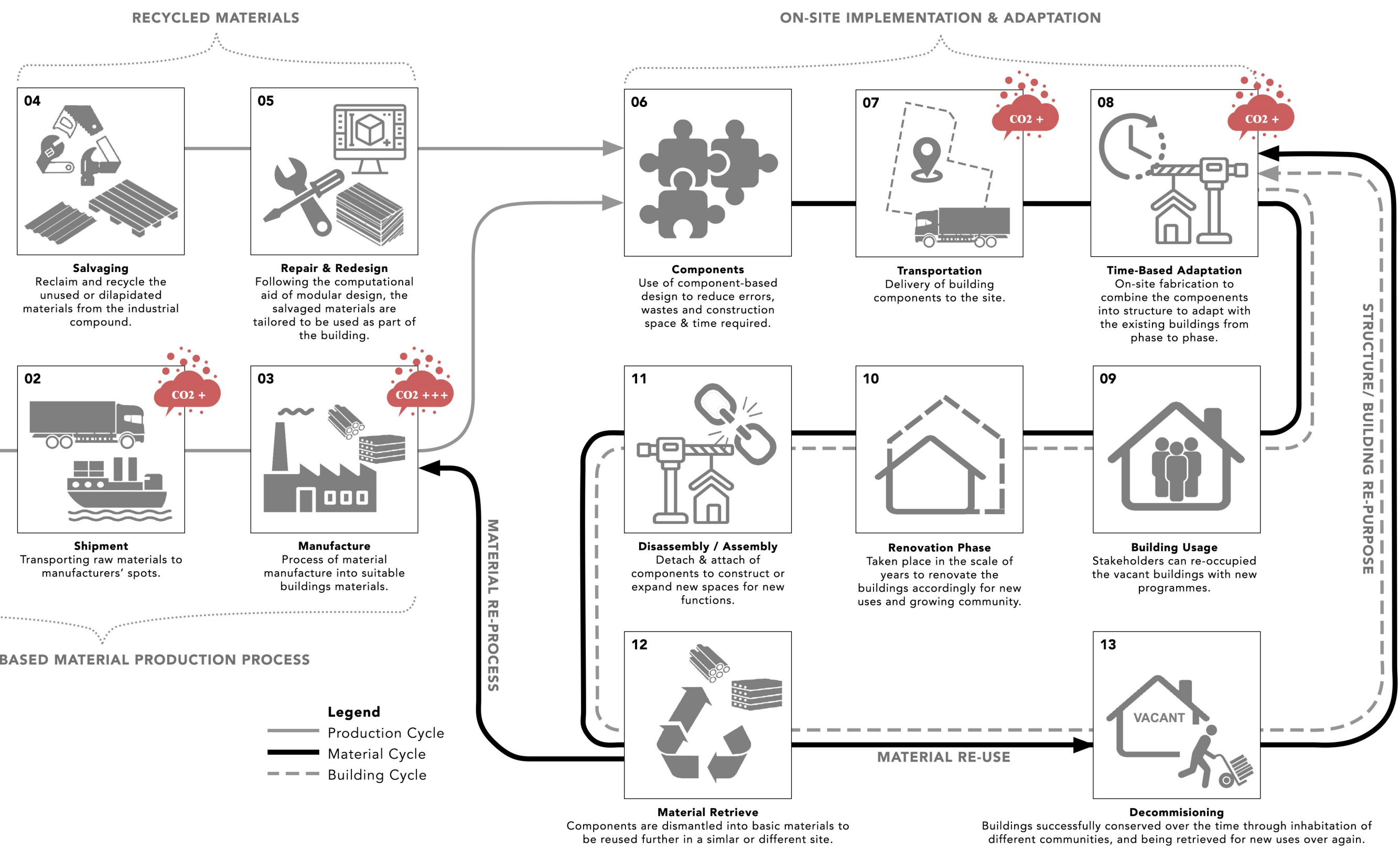


CLOSED-LOOP RESOURCES CYCLE & RENEWABLE MATERIAL ECOLOGY

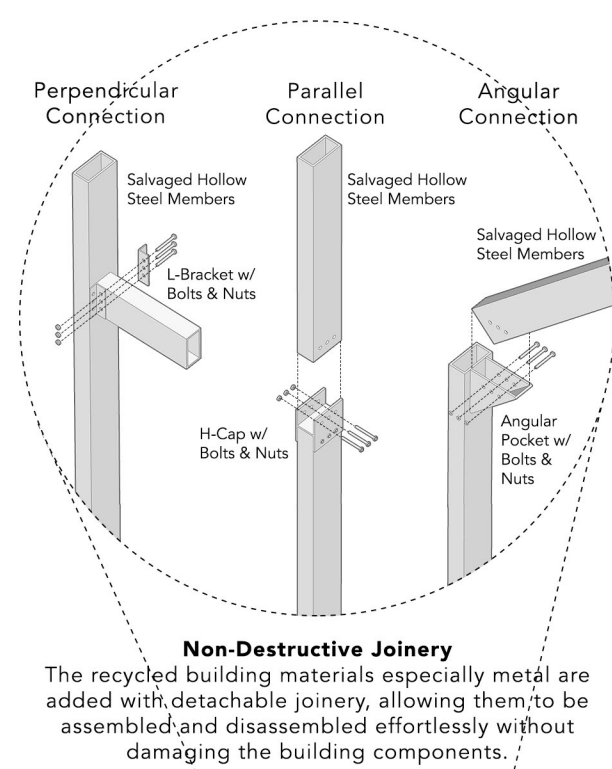
Carbon footprint of buildings are embodied carbon accounts for all the processes involved in extracting, producing, installing, and transporting materials for the purposes of construction. The proposal innovates a material ecology for a low-carbon footprint design that incorporates several integrated cycles to minimize the carbon emission during the construction process, while able to recover the energy embodied in materials. Shaped under the vision for a renewable construction and material ecology, the closed-loop resources cycle is not only responds for an ever-changing adaptation and inhabitation over the existing landscape, but also raises a wider concern on the ecological perspective in our built environment.



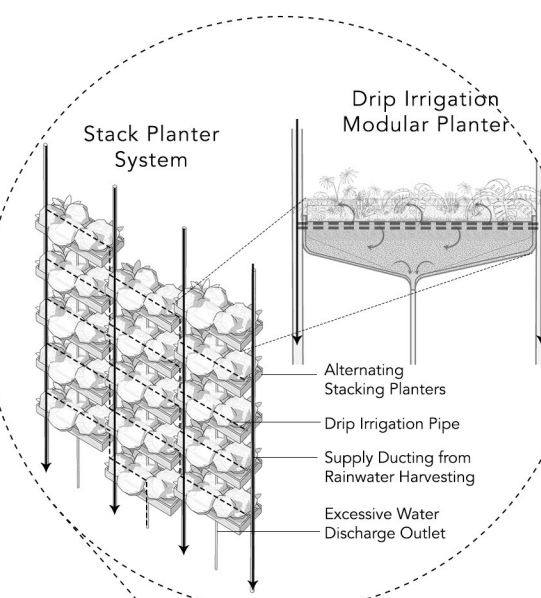
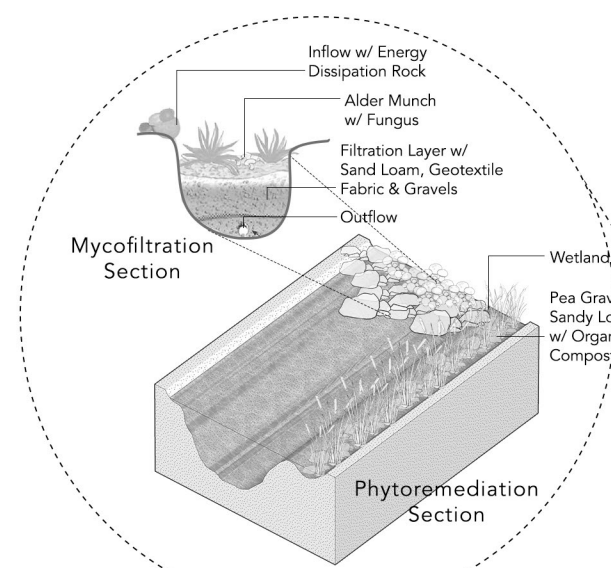
RECYCLING CENTRES IN MANNHEIM



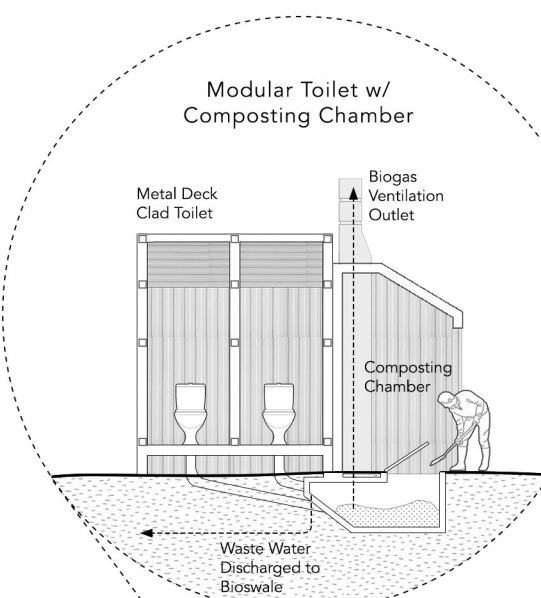
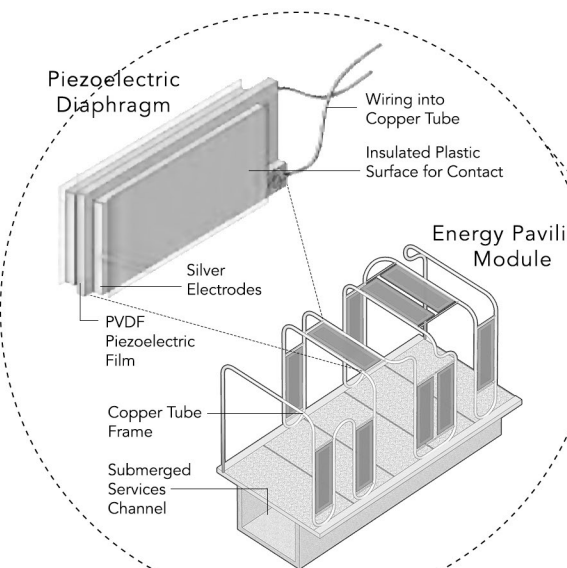
DETAILS & FEATURES



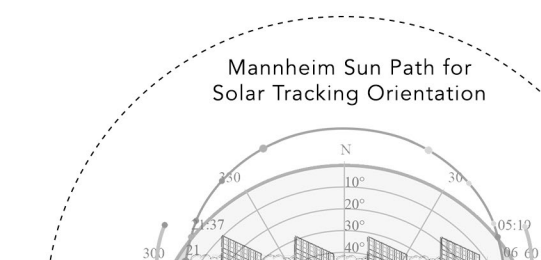
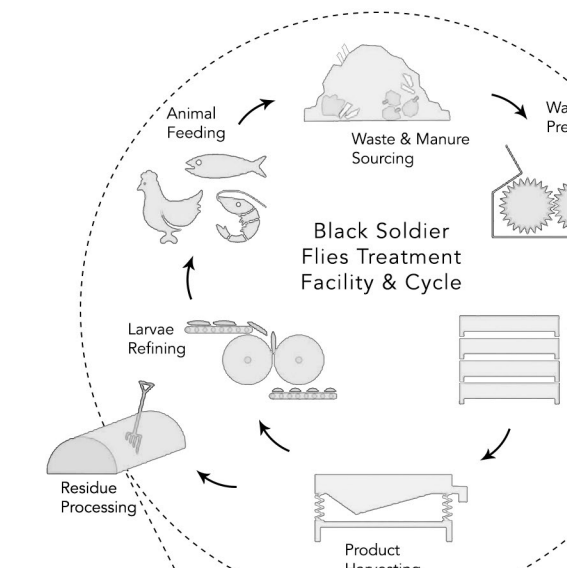
Natural Water Filtration



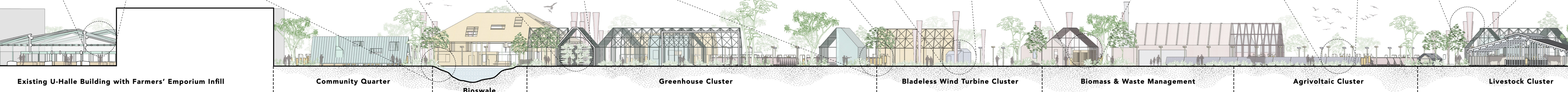
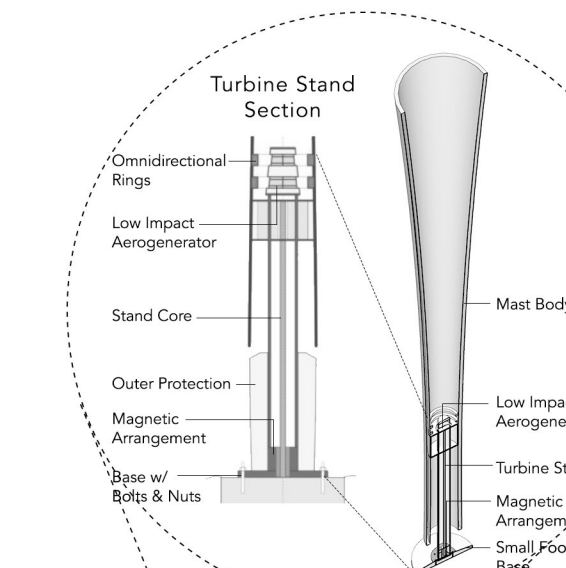
Piezoelectricity Energy Pavilion



Soldier Flies Composting Chamber



Vortex Bladeless Wind Turbine



KEY SECTION