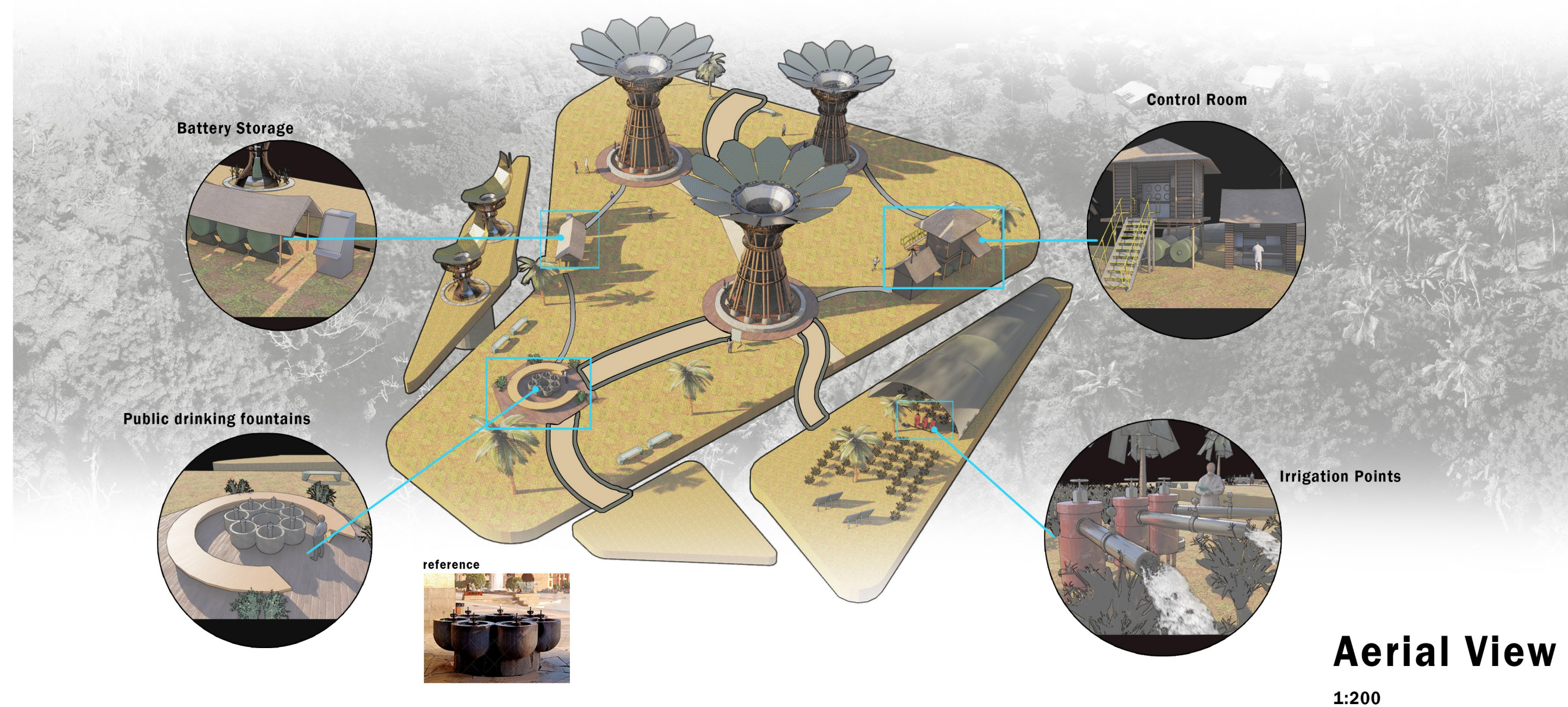


AERA1 DESIGN CONCEPT

Functional & Educational Display Zone

This area introduces visitors to the core technologies behind the tower, including solar energy conversion, rainwater harvesting, and sustainable material applications. Interactive diagrams and models help explain how clean energy and water are generated for local use.



ENERGY BLOOM

Energy Bloom is a multifunctional installation that unites energy, ecology, and community. Inspired by local flora and sailboat forms, the two energy towers adopt biomimetic designs: one mimics a sunflower's solar-tracking bloom, the other reflects the graceful curves of a sailboat, symbolizing adaptability and harmony with nature.

Equipped with adjustable solar panels, both towers collect solar energy while providing shade and capturing rainwater. The system integrates power generation, water harvesting, filtration, and storage to serve both irrigation and communal needs.

Surrounding zones include educational spaces focused on sustainability, along with leisure and dining areas that support social interaction and local development. Built with modular, lightweight, and renewable materials, Energy Bloom blends technology with natural intelligence to create a self-sufficient and community-oriented space.